Be part of the future of vascular education

VERVE SYMPOSIUM
Visionary Endovascular and Vascular Education

ENDOVASCULAR SYMPOSIUM

SYDNEY AUSTRALIA 6-8 DECEMBER 2018
INTERNATIONAL CONVENTION CENTRE (ICC) SYDNEY
Sydney, Australia and Leipzig, Germany
Dear Colleagues

With the Symposium now in its 6th year VERVE and LINC Australia are together committed to vascular education of the highest standard. From the beginning our goal has been to bring together a multidisciplinary group of vascular specialists from around the globe to engage in a truly exciting, and uniquely Australian, educational format.

This three-day event is to be held in Sydney in early December. It focuses on the latest advances and techniques in vascular and endovascular intervention. Our program is made up of quick-fire, practical content, debates, case presentation, live cases and plenty of discussion by experts-in-the-field.

Our mission is to become the premier educator in the field of vascular disease prevention and cure, by maintaining scientific integrity, promoting research and advancing the field, with a spirit of collegiality and inclusion.

We openly welcome medical specialists from all disciplines, trainees, nurses, sonographers and researchers working in the vascular field. Please join us in Sydney this summer to witness what makes the VERVE Symposium such a unique and progressive scientific congress.

Our friends from Leipzig will return once again to underline our strong collaborative partnership and ensure that the LINC philosophy is brought to our shores with seamless professionalism.

Their presence at the meeting brings with it a world-class quality, and their endovascular skills are truly something that needs to be seen to be believed.

Dierk and I look forward to seeing you in Sydney this December for this year’s instalment of the high-definition VERVE Symposium.

Ramon Varcoe – VERVE Symposium
Dierk Scheinert – Leipzig Interventional Course, Australia

Our mission is to become the premier educator in the field of vascular disease prevention and cure, by maintaining scientific integrity, promoting research and advancing the field, with a spirit of collegiality and inclusion.
**COURSE DIRECTORS**

<table>
<thead>
<tr>
<th>A/Prof Ramon Varcoe</th>
<th>Prof Dierk Scheinert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vascular Surgeon</td>
<td>Angiologist</td>
</tr>
<tr>
<td>Sydney, Australia</td>
<td>Leipzig, Germany</td>
</tr>
</tbody>
</table>

**ORGANISING COMMITTEE**

- Dr Bernard Bourke  Vascular Surgeon  Gosford Australia
- Dr Alan Bray  Vascular Surgeon  Newcastle Australia
- A/Prof Andrew Holden  Interventional Radiologist  Auckland New Zealand
- Dr Steven Kum  Vascular Surgeon  Singapore
- Dr Andrew Lennox  Vascular Surgeon  Sydney Australia

**LIVE CASE COMMITTEE**

- Dr Bernard Bourke  Vascular Surgeon  Gosford Australia
- A/Prof Andrew Holden  Interventional Radiologist  Auckland New Zealand
- Prof Patrice Mwipatayi  Vascular Surgeon  Perth Australia
- Dr Shannon Thomas  Vascular Surgeon  Sydney Australia

**LIVE CASE SITES AND OPERATORS**

- University of Leipzig Hospital Leipzig
- Sven Braunlich, Angiologist
- Yvonne Bausback, Angiologist
- Andrej Schmidt, Angiologist
- Matthias Ulrich, Angiologist
- Prince of Wales Private Hospital Sydney
- Victor Bourke, Vascular Surgery
- Andrex Lennox, Vascular Surgery
- Shannon Thomas, Vascular Surgery
- Ramon Varcoe, Vascular Surgery
- Mater Hospital Sydney
- Steve Dubeneck, Vascular Surgery
- Jack Loa, Vascular Surgery

**INVITED FACULTY**

- Dr Jennifer Ash  Vascular Surgeon  Illinois USA
- A/Prof Tracie Barber  Engineer  Sydney Australia
- Dr Glen Benveniste  Vascular Surgeon  Adelaide Australia
- Prof Giancarlo Biamino  Angiologist  Mogliano Italy
- Mr Stephen Black  Vascular Surgeon  London UK
- Dr Bernard Bourke  Vascular Surgeon  Gosford Australia
- Dr Victor Bourke  Vascular Surgeon  Sydney Australia
- Dr Alan Bray  Vascular Surgeon  Newcastle Australia
- Dr Sven Braunlich  Angiologist  Leipzig Germany
- Dr Brendon Buckley  Interventional Radiologist  Auckland New Zealand
- Dr Andrew Bullen  Vascular and Endovascular Surgeon  Wollongong Australia
- Kathryn Busch  Sonographer  Sydney Australia
- Dr Koen DeLoose  Vascular Surgeon  Dendermonde Belgium
- Dr Brian DeRubertis  Vascular Surgeon  California USA
- Dr Thomas Daly  Vascular Surgeon  Sydney Australia
- Prof Zhihui Dong  Vascular Surgeon  Shanghai China
- Dr Steve Dubeneck  Vascular Surgeon  Sydney Australia
- Prof Fabrizio Fanelli  Vascular Surgeon  Florence Italy
- Rayschelle Finch  Sonographer  Sydney Australia
- A/Prof Anthony Freeman  Vascular Surgeon  Sydney Australia
- Dr William Gray  Interventional Cardiologist  New York USA
- Dr Lawrence Garcia  Interventional Vascular Surgeon  Boston USA
- Dr Gerard Goh  Interventional Radiologist  Melbourne Australia
- Prof Jonathan Golledge  Vascular Surgeon  Townsville Queensland
- A/Prof Andrew Holden  Interventional Radiologist  Auckland New Zealand
- A/Prof Ravi Halfil  Vascular Surgeon  Sydney Australia
- Dr Osamu Iida  Cardiologist  Itami Japan
- Dr Steven Kum  Vascular Surgeon  Singapore
- Dr Ralf Langhoff  Angiologist  Berlin Germany
- Dr Andrew Lennox  Vascular Surgeon  Sydney Australia
- Dr Michael Lichtenberg  Angiologist  Arnberg Germany
- Dr Jack Loa  Vascular Surgeon  Sydney Australia
- Prof Ian Loftus  Vascular Surgeon  London UK
- Dr Robert Lockstein  Interventional Radiologist  New York USA
- Dr Mark Malouf  Vascular Surgeon  Sydney Australia
- Prof Jim May  Vascular Surgeon  Sydney Australia
- Konstantin Melnik  Sonographer  Sydney Australia
- Dr Stephen Merrilees  Interventional Radiologist  Auckland New Zealand
- Dr Ross Milner  Endovascular Surgeon  Chicago USA
- Dr Korana Musicicki  Endovascular Surgeon  Melbourne Australia
- Dr Jihad Mustapha  Cardiologist  Michigan USA
- Dr Sanjay Nadkarni  Interventional Radiologist  Perth Australia
- Prof Abdulla Omari  Consultant Physician  Sydney Australia
- Donna Oomens  Sonographer  Sydney Australia
- Dr Phillip Puckridge  Vascular Surgeon  Adelaide Australia
- Dr Vik Puttaswamy  Vascular and Endovascular Surgeon  Sydney Australia
- Dr Michel Reijnen  Vascular Surgeon  Amhem Netherlands
- Dr Timothy Resch  Vascular Surgeon  Malmo Sweden
- Jacqui Robinson  Sonographer  Sydney Australia
- Dr Ravish Sachar  Cardiologist  North Carolina USA
- Prof Dierk Scheinert  Angiologist  Leipzig Germany
- Dr Mehdi Shishehbor  Interventional Cardiologist  Ohio USA
- Prof Ian Spark  Vascular Surgeon  Adelaide Australia
- Linda Thebridge  Sonographer  Sydney Australia
- Dr Mayo Theivendran  Vascular and Endovascular Surgeon  Sydney Australia
- Dr Shaymay Thomas  Vascular Surgeon  Sydney Australia
- Prof Giovanni Torsello  Endovascular Surgeon  Munster Germany
- Prof Ramesh Tripathi  Vascular Surgeon  Bargara Australia
- Matthew Turner  Sonographer  Gosford Australia
- A/Prof Ramon Varcoe  Vascular Surgeon  Sydney Australia
- Prof Hence Verhagen  Vascular Surgeon  Rotterdam Netherlands
- Dr Laurencia Villalba  Vascular Surgeon  Wollongong Australia
- Dr Roxanne Wu  Vascular Surgeon  Cairns Queensland Australia
- Dr Shuiting Zhai  Interventional Radiologist  Zhengzhou China
- Dr Yu Zhao  Vascular Surgeon  ChongQing China
- Dr Juchun Zhao  Vascular Surgeon  Chengdu China
The VERVE Symposium in conjunction with LINC Australia program will incorporate a world renowned international faculty, with live cases from the University Hospital in Leipzig, Prince of Wales Private Hospital Sydney and the Mater Hospital Sydney.

Call for Abstracts in the categories of original scientific research and challenging cases with a chance for individuals to join the faculty for a podium or e-poster presentation, providing endovascular techniques, peripheral, carotid, aortic and late breaking trial data and the opportunity for individuals to present their research.

ENDOVASCULAR MASTERCLASS AND GLOBAL EXPERT DISCUSSION FORUM

Thursday 6 December
Day 1: Venue: Parkside Ballroom – Level 2

7:00 am – 6:00 pm    Registration Desk Open    Venue – Parkside Ballroom Level 2

Room 1 Concurrent Sessions

8:30 – 10:00 am    Session 1.1: The Challenge of the Femoropopliteal Segment in PAD
                   Introductory Remarks
                   Ramon Varcoe
                   Live Case from Leipzig
                   The CLI Global Society Gives Perspective to the True Risk of PAD
                   Presenter: Jihad Mustapha
                   SFA Therapy; Is There a Gold Standard?
                   Presenter: Lawrence Garcia
                   Experience of Smart Flex and Saber in Lower Extremity Arterial Disease
                   Presenter: Zhao Yu
                   Live Case from Leipzig
                   Managing the Challenge of Calcification in Femoropopliteal Interventions
                   Presenter: Brian DeRubertis

10:00 – 10:30 am    Morning Tea

10:30 – 12.00 pm    Session 1.2: Latest Challenges and Novel Solutions in BTK Disease
                   The Future of BTK Implants for CLI: DES, BVS and Tacks
                   Presenter: Ramon Varcoe
                   Live Case from Sydney
                   How to set up a multidisciplinary CLI program
                   Presenter: Mehdi Shishehbor
                   3-Year outcomes of The Surgical reconstruction vs Peripheral INtervention in pAtients with critical limb isCHemia (SPINACH) study for Patients with CLI
                   Presenter: Osamu Iida
                   12-Month Results from the DEEPER Trial
                   Presenter: Jihad Mustapha

12:00 – 12:30 pm    Lunch

* Program is subject to change
12:30 – 2:00 pm Session 1.3: New Techniques for Improving Outcomes in the Hostile Aortic Neck
Endovascular treatment of AAAs with short necks: standard EVAR, Endoanchors, CHEVAR or FEVAR?
Presenter: Hence Verhagen

Heli FX EndoAnchor Implants: Mechanisms of Action and the Resulting Clinical Evidence
Presenter: Ross Milner

Live Case from Sydney
Improving outcomes in hostile AAA necks with the Heli-FX EndoAnchor System: Mid-term Results from the ANCHOR Registry
Presenter: Vikram Puttaswamy

Advanced imaging for complex aortic repair
Presenter: Tim Resch

Live Case from Sydney (continued)

Discussion

2.00 – 3.30 pm Session 1.4: EVAR and Challenging Anatomy
Pushing the IFU - Great EVAR Results Sometimes Require us to Think Outside the Box
Presenter: Glen Benveniste

Live Case from Sydney
Iliac seal zone dynamics and clinical consequences after endovascular aneurysm repair
Presenter: Hence Verhagen

The Use of Side Branch Technology to Preserve the Internal Iliac Artery
Presenter: Michel Reijnen

Discussion

3:30 – 4:00 pm Afternoon Tea

4:00 – 5:30 pm Session 1.5: CLI Treatment Updates: Advanced Options for End-Stage Disease
Time to redefine CLI
Presenter: Mehdi Shishehbor

Below-the-knee revascularisation: Current status, challenges, and future outlook
Presenter: Osamu Iida

Live Case from Leipzig
The LimFlow Procedure: Technical Details and Current Trial Experience
Presenter: Michael Lichtenberg

Results from the DETOUR II Trial: A Novel Percutaneous Fem-Pop Bypass System
Presenter: Jihad Mustapha

Shockwave technology and PAD III trial update
Presenter: Bill Gray

The “Crack and Pave” Technique for Extreme Calcification of the SFA
Presenter: Sven Braunlich

Patterns of restenosis in the SFA a new paradigm for trial outcomes
Presenter: Lawrence Garcia

Live Case from Leipzig

Discussion

6:00 pm Close of Day 1

6:00 – 7:30 pm Welcome Reception – Parkside Ballroom
Room 2 Concurrent Sessions

8:30 – 10:00 am  Session 2.1: New Frontiers in Abdominal Aortic Aneurysm Treatment

Introductory Remarks
Presenter: Hence Verhagen

International guidelines in the management of the AAA - how should they influence practice?
Presenter: Ian Loftus

NICE: National Institute for health and Care Excellence or New Ill-informed Commentary related to aortic Endografting
Presenter: Tony Freeman

Juxtarenal AAA: When FEVAR, when CHEVAR, when Open repair: the APPROACH concept
Presenter: Giovanni Torsello

Patients With Wide Proximal Aortic Necks show Reduced Survival and an Increased Risk Of Adverse Events after Standard Endovascular Aneurysm Repair
Presenter: Hence Verhagen

EVAR Outcomes in Women versus Men with a Low-profile Stent Graft (1-year LUCY Registry Results)
Presenter: Jennifer Ash

Could the phenotype of aortic aneurysm be different in patients with and without significant atherosclerosis?
Presenter: Jonathan Golledge

How does EVAR stent graft design assist in the future intervention?
Presenter: Roxanne Wu

DEBATE: There is no value in treating type II endoleaks, they do not cause rupture!
FOR the motion Hence Verhagen
AGAINST the motion Tim Resch

10:00 – 10:30 am  Morning Tea

10:30 – 12:00 pm  Session 2.2: Issues and Controversy in Pelvic Vein Disorders

An Overview of Management Options for Pelvic Venous Disorders: PCS, May-Thurner and Nutcracker Syndrome
Presenter: Sanjay Nadkarni

In with mechanical treatment of DVT and PE and out with lysis and complications
Presenter: Mehdi Shishehbor

Factors Associated with Stent Patency Loss
Presenter: Stephen Black

Do Venous Stents below the inguinal ligament work?
Presenter: Brian DeRubertis

The Value of IVUS in Endovenous Surgery
Presenter: Mayo Theivendran

A Cost Effectiveness Study of the Use of IVUS for Deep Vein Reconstruction
Presenter: Laurencia Villalba

Discussion

12:00 – 12:30 pm  Lunch
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2.3: Ultrasound</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 – 2:00 pm</td>
<td>The Use of Ultrasound Velocities to Determine Type 2 Endoleak Behaviour</td>
</tr>
<tr>
<td>Presenter: Ross Milner</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not All Type II Endoleaks Are Benign: A Proposed New Subcategorisation Utilising CEUS</td>
</tr>
<tr>
<td>Presenter: Rayschelle Finch</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A Case of Simultaneous Type I, II and III Endoleaks with an Aorto-Caval Fistula – Epilogue</td>
</tr>
<tr>
<td>Presenter: Jacqui Robinson</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Use of Interactive Ultrasound as an Adjunctive Imaging Modality in the Treatment of PAD</td>
</tr>
<tr>
<td>Presenter: Phillip Puckridge</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ultrasound Guided Tibial Angioplasty</td>
</tr>
<tr>
<td>Presenter: Jihad Mustapha</td>
<td></td>
</tr>
<tr>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2.4: Intervention for Acute Proximal DVT and Pulmonary Embolus</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 – 4:00 pm</td>
<td>Afternoon Tea</td>
</tr>
<tr>
<td>4:00 – 5:30 pm</td>
<td>The ATTRACT Trial is the Final Word on DVT Lysis: What has it taught us?</td>
</tr>
<tr>
<td>Presenter: Brian DeRubertis</td>
<td></td>
</tr>
<tr>
<td>Live Case From Sydney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Evidence for Mechanical Thrombectomy for Iliofemoral DVT: Latest Trial Update</td>
</tr>
<tr>
<td>Presenter: Michael Lichtenberg</td>
<td></td>
</tr>
<tr>
<td>Live Case From Sydney (continued)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Using the Angiojet System for Pharmaco-Mechanical Recanalisation of the Ilio-Femoral DVT</td>
</tr>
<tr>
<td>Presenter: Andrew Bullen</td>
<td></td>
</tr>
<tr>
<td></td>
<td>How to Set Up a Pulmonary Embolus Response Team</td>
</tr>
<tr>
<td>Presenter: Mehdi Shishehbor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Over the Wire Filter Placement to Reduce Tilting and a Review of Difficult Filter Retrieval</td>
</tr>
<tr>
<td>Presenter: Sanjay Nadkarni</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Current State of Play for IVC Filters</td>
</tr>
<tr>
<td>Presenter: Abdullah Omari</td>
<td></td>
</tr>
<tr>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Close of Day 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 pm</td>
<td>Welcome Reception – Parkside Ballroom</td>
</tr>
</tbody>
</table>
## Room 1 Concurrent Sessions

### 8:00 – 9:30 am  
**Session 1.6: Latest Trial Data and Advances in PAD Treatment**

The IMPERIAL Randomised Controlled Trial: Eluvia vs Zilver PTX  
*Presenter: Bill Gray*

**Live Case from Leipzig**

The COMPARE Randomised Controlled Trial: In.Pact Admiral vs Ranger DCB in Complex Fem-Pop Lesions  
*Presenter: Sven Braunlich*

The RANGERS DCB Registry: 24 Month Full Cohort Analysis  
*Presenter: Michael Lichtenberg*

6-Month Results from the SAVAL Trial: A Uniques Self-Expanding Stent for Infrapopliteal Arteries  
*Presenter: Jihad Mustapha*

Rethinking Restenosis - Targeting the Matrix  
*Presenter: Steve Merrilees*

### 9:30 – 11:00 am  
**Session 1.7: Drug Eluting Balloon Technology to Increase Interventional Durability**

A Better Understanding of CTO Cap Morphology can Lead to Better Crossing Results  
*Presenter: Jihad Mustapha*

Atherectomy before DCB for Fem-pop Disease: Routine or Selective Use?  
*Presenter: Ravish Sachar*

**Live Case from Sydney**

Results from the Lutonix Below-the-Knee Multicentre Registry  
*Presenter: Michael Lichtenberg*

Modern Treatment of Femoropopliteal In-stent Reocclusion  
*Presenter: Sven Braunlich*

**Live Case from Sydney (continued)**

Variability in Outcome Reporting in the CLI Literature  
*Presenter: Brian DeRubertis*

Discussion

### 11:00 – 11:30 am  
Morning Tea

### 11:30 – 1:00 pm  
**Session 1.8: Next Generation Low-Profile EVAR for Abdominal Aortic Aneurysm**

Latest clinical results from INCRAFT AAA Stent Graft – 5 years of data  
*Presenter: Giovanni Torsello*

**Live Case from Sydney**

EVAR For Treatment of AAA with the INCRAFT System  
*Presenter: Zhai Shuiting*

Surgeon Level Reporting of Outcomes in Vascular Surgery  
*Presenter: Ian Loftus*

Patients with familial abdominal aortic aneurysm have more complications and a higher 30-day mortality after EVAR  
*Presenter: Hence Verhagen*

Discussion
ENDOVASCULAR MASTERCLASS AND GLOBAL EXPERT DISCUSSION FORUM

1:00 – 2:30 pm  Lunch

2:00 – 3:30 pm  Session 1.9: Advanced Concepts in Deep Venous Disease

**Live Case from Sydney**
Patency Rates and Clinical Results of the VENOVO Venous Stent
*Presenter: Michael Lichtenberg*
Iliac Vein Stenting for treatment of post-thrombotic venous leg ulcers - Early Australian experience with Venovo Stents
*Presenter: Ramesh Tripathi*
Recorded Case from POWH
*Presenter: Ramon Varcoe*

**Live Case from Sydney (continued)**
Open Reconstructive Surgery When There is no Endovascular Option
*Presenter: Stephen Black*
Australian Results Using the New Venovo Deep Venous Stent
*Presenter: Steve Dubenec (via satellite)*

Discussion

**DEBATE:** Other than those Who Have a DVT We Don’t Yet Know Which Patients with Iliac Vein Compression to Treat

FOR the motion  *Stephen Black*
AGAINST the motion  *Laurencia Villalba*

Vote and Conclude Session

3:30 – 4:00 pm  Afternoon Tea

4:00 – 5:30 pm  Session 1.10: Thoracic Aortic Aneurysms and Dissection

Technique and early experience using TAG conformable with active control system
*Presenter: Giovanni Torsello*
Device selection in TEVAR - does one size fit all?
*Presenter: Ian Loftus*
Hybrid Aortic Arch Aneurysm Repairs- lessons learnt from a 10 year experience
*Presenter: Ramesh Tripathi*
Overview of techniques for blood pressure control during TEVAR in the aortic arch
*Presenter: Tim Resch*
IVUS evaluation for chronicity of type B aortic dissection
*Presenter: Ross Milner*
Optimising outcomes in Type B Dissection
*Presenter: Ian Loftus*

6:00 pm  Close of Day 2

7:00 – 11:00 pm  Symposium Dinner  Venue: Sergeants Mess, Chowder Bay

Transfers: Darling Harbour Wharf
## Room 2 Concurrent Sessions

### 8:00 – 9:30 am

**Session 2.6: Endovascular Therapy Challenging No-Stent Zones**

The last frontiers: Endovascular therapy of the common femoral artery and the popliteal segment  
*Presenter: Lawrence Garcia*

**Live Case from Sydney**

The use of the Supera vascular mimetic implant for the treatment of atherosclerotic disease in the CFA: 12-month results of the VMI-CFA study  
*Presenter: Koen DeLoose*

Treatment Options and Results for Endovascular Reconstruction of the Common Femoral Artery  
*Presenter: Andrew Bullen*

### 9:30 – 11:00 am

**Session 2.7: Ultrasound**

Using a More Holistic Approach to Improve AVF Scan Quality  
*Presenter: Donna Oomens*

Slow Motion Imaging and B-Mode Subtraction - Early Experience in a Tertiary Hospital  
*Presenter: Linda Thebridge*

Revalidation of Transabdominal Duplex Criteria for the Detection of Iliac Vein Lesions  
*Presenter: Laurencia Villalba*

Case Study - Pelvic Congestion  
*Presenter: Matthew Turner*

Case Study - Brachial Artery Stenosis Following Coronary Angiography via a Transradial Approach  
*Presenter: Konstantin Melnik*

TCD Findings Post Cerebral AVM Resection – An Update  
*Presenter: Kathryn Busch*

### 1:00 – 2:00 pm

**Lunch**

### 2:00-3:30 pm

**Session 2.8: New Concept in Dialysis Access Intervention**

An Update on the In.Pact AV Access Study  
*Presenter: Andrew Holden*

**Live Case from Sydney**

Engineering the Ideal Shape for the AV Fistula  
*Presenter: Tracie Barber*

The Use of the Supera Stent in the Juxta-Anastomotic Segment of the AVF  
*Presenter: Shannon Thomas (via satellite)*

### 3:18 – 3:30 pm

**Discussion**

### 3:30 – 4:00 pm

**Afternoon Tea**

### 4:00 – 5:30 pm

**Session 2.10: New Technology to Improve Outcomes in PAD Treatment**

TOBA II trial: investigating the TACK with either POBA or DCB  
*Presenter: Bill Gray*

**Live Case from Leipzig**

Leaving less behind: scaffolding of more complex lesions post-DCB with Tack-it and VascuFlex Multi-LOC devices  
*Presenter: Koen DeLoose*
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 pm</td>
<td>Close of Day 2</td>
</tr>
<tr>
<td>7:00 – 11:00 pm</td>
<td>Symposium Dinner, Venue: Sergeants Mess, Chowder Bay</td>
</tr>
</tbody>
</table>

**PROGRAM**

**ENDOVASCULAR MASTERCLASS AND GLOBAL EXPERT DISCUSSION FORUM**

Final Results of the EnTrap Study: Lower extremity Angioplasty with Integrated Embolic protection  
*Presenter: Ravish Sachar*

2-Year Results from the IN.PACT SFA JAPAN Trial - DCB vs PTA for the treatment of Fem-Pop Lesions  
*Presenter: Osamu Iida*

**Live Case from Leipzig**

Update on Intravascular Lithotripsy with Shockwave  
*Presenter: Andrew Holden*

An Examination of Focal Force Balloon Technology in Calcified Lesions  
*Presenter: Ralf Langhoff*

What is the Role for Intervention Below-the Ankle?  
*Presenter: Giancarlo Biamino*

**Discussion**
### Room 1 Concurrent Sessions

**8:00 – 9:30 am Session 1.11: The Current State of Anti-Restenotic Therapy for the SFA**

The IMPERIAL Randomised Controlled Trial: Eluvia vs Zilver PTX  
**Presenter:** Bill Gray  
**Live Case from Leipzig**  
A Local Experience Using Zilver PTX for Challenging Fem-Popliteal Disease  
**Presenter:** Vikram Puttaswamy  
DCB + BMS is NOT a DES  
**Presenter:** Fabrizio Fanelli  
First Results from the ZILVERPASS Study  
**Presenter:** Koen DeLoose  
**Discussion**

**9:30 – 11:00 am Session 1.12: Pioneering Techniques in Aorto-Iliac Occlusive Disease**

Management of complex aortoliliac disease: Avoiding complications and optimizing outcomes  
**Presenter:** Lawrence Garcia  
**Live Case from Leipzig**  
The value of covered stents in treatment of complex TASC C and D iliac lesions: the initial experiences with the BELSTREAM study  
**Presenter:** Koen DeLoose  
Experience with the Novel VBX Stentgraft for Aorto-Iliac Occlusive Disease  
**Presenter:** Giovanni Torsello  
Using the AFX Aortic Graft for Occlusive Disease: An Australian Experience  
**Presenter:** Phillip Puckridge  
How do We Decide Which Aorto-Iliac Case to Use Covered Stents? Do We Have Scientific Data?  
**Presenter:** Giancarlo Biamino  
Mid-Term Results with CERAB and Geometric Flow Studies for Both Regular and AFX Types  
**Presenter:** Michel Reijnen  
**Discussion**

**11:00 – 11:30 am Morning Tea**

**11:30 – 1:00 pm Session 1.13: Beyond Simple Drug Elution: A Combination of Endovascular Tools to Optimise Outcomes**

What is vessel preparation and how have the DEFINITIVE LE and DEFINITIVE AR results influenced current practice?  
**Presenter:** Lawrence Garcia  
Fem-pop disease: Atherectomy + DCB vs DES. What is the best long-term strategy?  
**Presenter:** Ravish Sachar  
**Live Case from Sydney**  
From Chocolate to Hawk: Vessel Preparation for Improved Outcomes  
**Presenter:** Mehdi Shishehbor  
Australian experience using Chocolate in BTK vessels  
**Presenter:** Ian Spark
### Results of the IN.PACT Admiral drug-coated balloon in patients with Critical Limb Ischemia
**Presenter:** Michel Reijnen

### Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 2:00 pm</td>
<td>Lunch</td>
</tr>
</tbody>
</table>
| 2:00 – 3:30 pm | **Session 1.14: Challenges in the Treatment of Thoracic Aortic Dissection**  
  **Live Case from Sydney**  
  Hybrid procedure for chronic thoracoabdominal aortic dissection aneurysms following TEVAR or aortic arch surgery  
  **Presenter:** Zhao Jichun  
  Staging techniques in complex aortic repair  
  **Presenter:** Tim Resch  
  Alternative access options for complex endovascular aortic aneurysm repair  
  **Presenter:** Korana Musicki |
| 3:30 – 4:00 pm | Afternoon Tea                                                          |
| 4:00 - 6:00 pm | **Session 1.15 Complex Peripheral Challenges**  
  **Live Case from Leipzig**  
  Angiosome concept – myth or truth? Does it make a real difference in “real world” cases?  
  **Presenter:** Osamu Iida  
  Drug-Coated Therapy for ISR: review of current options and data  
  **Presenter:** Brian DeRubertis  
  Modern Treatment of Femoropopliteal In-Stent Reocclusion  
  **Presenter:** Sven Braunlich  
  **Live Case from Leipzig**  
  Now that Retrograde Access is in Routine Use, Which Technical Aspects are Crucial for an Optimal Result?  
  **Presenter:** Giancarlo Biamino  
  Radiation Exposure in the Lab: Do You Have Enough Protection?  
  **Presenter:** Gerard Goh |
| 6:00 pm      | Close of Symposium                                                     |
## Room 2 Concurrent Sessions

### 8:00 - 9:30 am  Session 2.11: Current and Emerging Embolisation Techniques

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coiling the Splenic Artery Aneurysms: Important Considerations, Indications and Equipment Planning</td>
<td><strong>Tom Daly</strong></td>
</tr>
<tr>
<td>Microballoon Catheter Embolisation: A Game Changer?</td>
<td><strong>Gerard Goh</strong></td>
</tr>
<tr>
<td>Management of Pelvic Congestion Syndrome and Related Disorders</td>
<td><strong>Brian DeRubertis</strong></td>
</tr>
<tr>
<td>Retrograde Varicocele Embolisation - Why and How</td>
<td><strong>Brendan Buckley</strong></td>
</tr>
</tbody>
</table>

**Discussion**

### 9:30 – 11:00 am  Session 2.12: Venous Disease of the Lower Extremity

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pushing the limits in Ambulatory Saphenous System Non-Thermal Endovenous Ablation</td>
<td><strong>Nabeel Ibrahim</strong></td>
</tr>
<tr>
<td>MOCA Using ClariVein: 5-Year Results from a Prospective Trial and 12-Month Results from an RCT</td>
<td><strong>Michel Reijnen</strong></td>
</tr>
<tr>
<td>The Wound Won’t Heal - Now What?</td>
<td><strong>Mark Malouf</strong></td>
</tr>
<tr>
<td>Lessons Learned from a Large Volume Endovenous Service: Insights from Auckland City Hospital</td>
<td><strong>Brendan Buckley</strong></td>
</tr>
<tr>
<td>Endovenous Valve Formation - An Initial Report on the Human Clinical Trial of the First Non-implantable, Endovenous Approach to Deep Vein Reflux</td>
<td><strong>Ramon Varcoe</strong></td>
</tr>
</tbody>
</table>

### 11:00 – 11:30 am  Morning Tea

### 11:30 – 1:00 pm  Session 2.13: My Worst Ever Disaster…and the Solution the Got me Out-Of-Trouble!

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>My Worst Ever Disaster…From Sydney</td>
<td><strong>Ramon Varcoe</strong></td>
</tr>
<tr>
<td>My Worst Ever Disaster…From Rotterdam</td>
<td><strong>Hence Verhagen</strong></td>
</tr>
<tr>
<td>My Worst Ever Disaster…From Lake Macquarie</td>
<td><strong>Alan Bray</strong></td>
</tr>
<tr>
<td>My Worst Ever Disaster…From Malmo</td>
<td><strong>Tim Resch</strong></td>
</tr>
<tr>
<td>My Worst Ever Disaster…From Illinois</td>
<td><strong>Jennifer Ash</strong></td>
</tr>
<tr>
<td>My Worst Ever Disaster…From London</td>
<td><strong>Stephen Black</strong></td>
</tr>
</tbody>
</table>

**Discussion**

### 1:00 – 2:00 pm  Lunch
Session 2.14 The Current Landscape in Carotid Revascularisation
An Overview and Update of Clinical Trials Comparing CAS with CEA

Presenter: Bill Gray

Medical vs surgical vs endovascular treatment for carotid disease, who has the answers?

Presenter: Mehdi Shishehbor

Transcervical Carotid Revascularization (TCAR): Growing evidence for the approach

Presenter: Brian DeRubertis

Endovascular Strategies for Carotid Stenosis Involving the Common Carotid Artery

Presenter: Dong Zhihui

Clinical Experience with the NeuroGuard 3-in-1 Carotid Stent System with Integrated Embolic Protection and Post-Dilation Balloon

Presenter: Ralf Langhoff

Discussion

6:00 pm Close of Symposium
**Registration Information**

Fees are in Australian Dollars (AUD)

<table>
<thead>
<tr>
<th>Conference Fees (inc GST)</th>
<th>Before 30 October</th>
<th>After 30 October</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Delegates – Clinicians and Surgeons</td>
<td>$1199</td>
<td>$1399</td>
</tr>
<tr>
<td>Full Delegates – Trainees/Health Professionals/Sonographers</td>
<td>$450</td>
<td>$500</td>
</tr>
<tr>
<td>CLI Global Society Members</td>
<td>$949</td>
<td>$1149</td>
</tr>
<tr>
<td>Day Registration – Clinicians and Surgeons</td>
<td>$575 per day</td>
<td>$675 per day</td>
</tr>
<tr>
<td>Day Registration – Trainees/Health Professionals</td>
<td>$250 per day</td>
<td>$250 per day</td>
</tr>
<tr>
<td>Additional Thursday Welcome Reception Tickets</td>
<td>$65</td>
<td>$65</td>
</tr>
<tr>
<td>Full Delegates Dinner Tickets All categories, other than day delegates</td>
<td>$55</td>
<td>$55</td>
</tr>
<tr>
<td>Additional Friday Dinner Tickets</td>
<td>$170</td>
<td>$170</td>
</tr>
</tbody>
</table>

**Full Delegate Registration Fee Includes:**
- Attendance at sessions
- Program workbook including cases
- Lunches and refreshments on Thursday, Friday and Saturday
- Welcome Reception on Thursday evening

*(Please note that the dinner is no longer included in the registration fee)*

**Day Registration Fee Includes:**
- Attendance at sessions
- Program workbook including cases
- Lunches and refreshments on the specific attendance day

**Registration Process:** Registration for the Symposium is via www.vervesymposium.com

**Method of Payment:** Payment is by credit card – Visa - Mastercard – AMEX or bank transfer.

If funding is being sought through your institution, please keep a copy of your registration tax invoice/receipt to follow up on its progress through your institute’s accounts department.

Delegates whose registration fees have not been received prior to the Symposium will be required to pay their registration by personal credit card prior to the Symposium or on registration. No registration fees are to be outstanding following the Symposium.

**Cancellation and Refund Policy:** Cancellations received prior to 30 October will receive a full refund less AUD$150 cancellation fee. Registration refunds after 30 October will only be made in exceptional circumstances and must be notified in writing to the Symposium Secretariat.

**Liability:** In the event of industrial disruption or other unforeseen circumstances, the VERVE Symposium and the Conference Management Company - L&R Contract Business Services - accepts no responsibility for loss of monies incurred by delay.

**Registration Acknowledgement:** All registrations will be acknowledged with a tax invoice via email once online registration has been completed. Further details regarding the Symposium will be emailed in advance of the Symposium.

**Registration Desk:** The registration desk will be located in the Parkside Ballroom on Level 2 of the Sydney International Convention Centre Darling Harbour.

**Opening Hours:** The Registration Desk will be open from 7:00 am on Thursday 6 December and throughout the Symposium.
Accommodation has been secured by the Symposium Secretariat, at discounted rates at the following hotels. Bookings can be done on line via the Symposium website – www.vervesymposium.com or by completing the registration form and emailing it through to the secretariat.

Please note that bookings are limited and all bookings must go through the conference secretariat to achieve the rates.


- $459 per room per night
- If you wish to include breakfast, please add an additional $35 per person


- $319 per room per night
- If you wish to include breakfast, please add an additional $25 per person

**CLOSING DATE FOR ACCOMMODATION – 30 OCTOBER 2018**

Hotel bookings are to be made through the VERVE Symposium Website www.vervesymposium.com

*Note: All accommodation will be confirmed through the Conference Secretariat. A one night’s deposit is required with all bookings.*

**Accommodation prior to or following the dates of the Symposium will be available on a request basis.**

**Check in time is 1400**

Please note that the hotel will not guarantee availability of your room before 1400. If you are not arriving at the hotel prior to 1800, please advise the Symposium Secretariat, to ensure that your room is kept for you.

---

**SOCIAL PROGRAM**

**Thursday 6 December**

6:00 - 7:30 pm  **Welcome Reception, International Convention Centre**

- A great opportunity to renew friendships and meet colleagues in a relaxed environment.
- Evening otherwise at leisure

*Reception is included in registration fee for fully registered delegates*

**Friday 7 December**

7:00 – 11:00 pm  **Symposium Dinner – Sergeants Mess, Chowder Bay**

- Sergeants Mess sits at the water’s edge in pristine Sydney Harbour bushland with spectacular views.

*The Symposium Dinner for fully registered delegates is not included in the registration fee and can be booked when registering.*

*Additional social tickets can be purchased via the website and or registration form.*
GENERAL INFORMATION

Venue
International Convention Centre (ICC) Sydney Darling Harbour is one of Sydney’s newest and state of the art venues. It is close to the CBD and shopping area. It is approximately 40 minutes from Sydney’s international and domestic airport. Darling Harbour is surrounded by restaurants, cafes, attractions and hotels.

Climate
December in Sydney is usually a month with sunshine and temperatures around the mid 20s.

Visas
For delegates travelling from overseas, please check your visa, passport and health requirements before your intended date of travel. You must have a minimum of two blank pages in your passport and six month validity until the expiration date.

It is important to check with the Australian Embassy website in your home city or visit http://www.immi.gov.au/skilled/business/business-visit-visa-options.htm in view of changes to Visas

DATES FOR THE DIARY
Early Bird Closing Date for Registration – 30 October 2018
Closing Date for Accommodation – 30 October 2018

FURTHER ENQUIRIES
VERVE Symposium Secretariat
Telephone: +61 413016300; Email: conferences@vervesymposium.com

REGISTER NOW AT: WWW.VERVESYMPOSIUM.COM
ENQUIRIES: CONFERENCES@VERVESYMPOSIUM.COM
The VERVE Symposium thanks the following organisations for their valued support:

## PLATINUM SPONSORS

- BD
- BARD
- Cordis

## GOLD SPONSORS

- Abbott Vascular
- Boston Scientific
- COOK MEDICAL

## SILVER SPONSORS

- BIOTRONIK
- GETINGE
- PHILIPS
- pyramed
- TERUMO

## SUPPORTERS

- BIO-EXCEL
ENDOVASCULAR SYMPOSIUM

THE VERVE SYMPOSIUM
Visionary Endovascular and Vascular Education

IN CONJUNCTION WITH LINC

SYDNEY AUSTRALIA  6-8 DECEMBER 2018
INTERNATIONAL CONVENTION CENTRE (ICC) SYDNEY

www.vervesymposium.com

REGISTER NOW AT: WWW.VERVESYMPOSIUM.COM
ENQUIRIES: CONFERENCES@VERVESYMPOSIUM.COM