



## Canadian Society for Vascular Surgery

37th Annual Meeting

*“Implementing Innovation: Incorporating Advances into Daily Practice”*

September 25-26, 2015

Delta Victoria Ocean Pointe Resort and Spa  
Victoria, BC

### PRELIMINARY PROGRAM

#### Thursday, September 24 | jeudi le 24 septembre 2015 (Pre-Meeting)

12h00-13h00	CSVS Executive Committee Luncheon <i>(closed)</i> Hudson Room
13h00-16h00	CSVS Executive Committee Meeting <i>(closed)</i>
16h30-21h00	RCPSC Vascular Surgery Specialty Committee Meeting <i>(closed)</i> Pacific Suite
18h00-20h00	CSVS Registration Desk Opens

#### Friday, September 25 | vendredi le 25 septembre 2015

07h00	CSVS Registration Desk Opens - Arbutus Ballroom Foyer
07h00 – 07h45	Continental Breakfast - Harbour Room
07h45 – 08h00	<b>Welcome and Opening Remarks – Arbutus Ballroom</b> <b>President:</b> Dr. Thomas Forbes <b>Program Chair:</b> Dr. Matthew Robinson <b>Secretary:</b> Dr. April Boyd
08h00 - 09h30	<b>Paper Session I: Endovascular Aortic Interventions I: Innovations - Arbutus Ballroom</b> Moderators: TBC  <b>0800-0815 In Situ Laser Fenestration during TEVAR: Innovation in practice</b> <b>Presenter: J. Panneton</b>  <b>0815-0830 Budget impact of percutaneous endovascular abdominal aorta aneurysm repair (PEVAR)</b>

	<p>compared to standard endovascular repair in Canadian hospitals Presenter: G. Roche-Nagle</p> <p><b>0830-0845</b> Short term outcomes of introducing percutaneous endovascular aneurysm repair in comparison to open endovascular aneurysm repair at an academic institution Presenter: B. Chan</p> <p><b>0845-0900</b> Direct high resolution angioscopic imaging during endovascular surgery Presenter: P. McVeigh</p> <p><b>0900-0915</b> The in hospital cost of treating thoracoabdominal and juxtarenal AAAs with EVAR in a high risk patient population Presenter: E. Osman</p> <p><b>0915-0930</b> Development and implementation of EVAR follow-up guidelines: A quality improvement project through the IDEAS Ontario Program Presenter: N. Eisenberg</p>
<b>09h30-10h00</b>	<b>Refreshment Break and Exhibits – Harbour Room</b>
<b>10h00-11h00</b>	<p><b>Paper Session II: Stroke and Extracranial Cerebrovascular Disease - Arbutus Ballroom</b> Moderators: TBC</p> <p><b>1000-1015</b> Public health initiatives and stroke awareness Presenter: M. Metias</p> <p><b>1015-1030</b> Plaque echodensity and textural features are associated with carotid plaque instability Presenter: R.J. Doonan</p> <p><b>1030-1045</b> Implementation and adherence to stroke guidelines for treatment of extracranial carotid occlusive disease through a multidisciplinary team: Review of 1895 carotid endarterectomies in a single health authority from 2006-2014 Presenter: J. Dooner</p> <p><b>1045-1100</b> Hospital Process redesign leading to wait-time improvements in delivery of stroke-prevention surgery to patients with symptomatic carotid artery stenosis Presenter: P. Ravichandran</p>
<b>11h00-11h30</b>	<p><b>CSVs Invited Guest Lecture I - Arbutus Ballroom</b> <b>Uncommon Vascular Diseases Are More Frequent Than You Thought!</b> <i>Peter Lawrence, MD, Chief of Vascular Surgery, UCLA</i></p> <p><i>Objectives – upon completion of this session, attendees will be able to:</i></p> <ol style="list-style-type: none"> <li><i>1. Be aware of the frequency of uncommon vascular disease</i></li> <li><i>2. Identify three vascular diseases that are uncommon</i></li> <li><i>3. Describe the methodology for conducting multi-institutional studies on uncommon diseases</i></li> </ol>

11h30-13h00	CSVS Annual General Meeting (members only) – <i>Songhees Suite</i>
11h30-13h00	Speaker and Residents/Fellows/Students meet and greet – Interesting Cases and Questions
13h00-14h15	<p><b>Paper Session III: Endovascular Aortic Interventions II: Predicting and Preventing Complications</b> - <i>Arbutus Ballroom</i> Moderators: TBC</p> <p><b>1300-1315</b> A novel in-vitro model predicts aortic stent-graft hemodynamic alterations after endovascular repair Presenter: R. Moore</p> <p><b>1315-1330</b> Morphologic suitability for endovascular treatment in ruptured abdominal aortic aneurysm in a single academic center Presenter: A. Poirier</p> <p><b>1330-1345</b> The heterogeneous clinical course of type 2 endoleaks: a single institution experience Presenter: C. de Mestral</p> <p><b>1345-1400</b> Comparison of quantitative analysis and qualitative assessment of iliac artery tortuosity Presenter: M. Doyle</p> <p><b>1400-1415</b> Endograft shortening during endovascular repair of abdominal aortic aneurysms in severe aortoiliac tortuosity Presenter: K. Lee</p>
14h15 – 14h45	<p><b>Debate 1 – Implementing Innovation</b> - <i>Arbutus Ballroom</i> Moderator : TBC</p> <p><b>‘We have over-implemented EVAR, and it is time we revisited open aneurysm repair ‘</b></p> <p>For : TBC     Against : TBC</p>
14h45-15h00	Refreshment Break and Exhibits – <i>Harbour Room</i>
15h00 - 16h00	<p><b>VSEP Jeopardy</b> - <i>Arbutus Ballroom</i> Moderator: Dr. Guiseppe Papia</p> <p><i>Objective: Upon completion of this session, participants will be able to elucidate their strengths and weaknesses in knowledge of a variety of vascular topics.</i></p>
16h00 – 17h00	<p><b>Rapid 3 minute Poster Presentations: A brief introduction</b> - <i>Arbutus Ballroom</i> Moderator: TBC</p>

*Objectives: Upon completion of this session, attendees will be able to:*

- 1. Describe issues related to and affecting Vascular Surgery*
- 2. Understand advances in various topics in Vascular Surgery*

Isolation and molecular characterization of proliferating plaque macrophages

Presenter: C. Zavitz

Treatment of Complex Aortic Pathologies in the Endovascular Era: The Ottawa Experience

Presenter: G. Hajjar

Impact of Floor-to-Door Time on Mortality After Blunt Traumatic Thoracic Aortic Injury

Presenter: V. Gupta

Toronto Experience with the Hemodialysis Reliable Outflow (HeRO) Grafts; A single centre experience

Presenter: E. Greco

Fenestration of aortic stent-grafts: laser puncture followed by balloon angioplasty (non-compliant balloon vs cutting balloon)

Presenter: R. Guidoin

Anatomic factors are more predictive than anticoagulants for type II endoleaks following EVAR

Presenter: K. Lee

Predictors of Hospital Readmissions after Lower-Extremity Amputations in Canada

Presenter: A. Kayssi

Anti-platelet Therapy Prescription Patterns after Lower Limb Angioplasty in Canada – Results from a National Survey

Presenter: A. Kayssi

After-Hours Rupture Aortic Aneurysm Repair Outcomes. An Institutional Experience

Presenter: M. Guirgis

Exploring the training experiences of a direct entry vascular surgery resident cohort using focus groups

Presenter: F. Naji

Predictors of Failure and Mortality With Endovascular Repair of Presumed Infected Saccular Thoracic Aortic Aneurysms

Presenter: J. Cooper

Rehabilitation Outcomes after Lower-Extremity Amputations in Canada

Presenter: A. Kayssi

Internal iliac artery coverage during endovascular repair of abdominal aortic aneurysms is a safe option: a preliminary study

Presenter: V. Kansal

Post-EVAR Complication Rates: A Single Centre Experience

Presenter: G. Morrow

	<p>A cadaveric study to facilitate the surgical and the percutaneous approaches of the femoral artery Presenter: C. Tremblay</p> <p>Public Knowledge about PAD: The Gap is Larger than we Thought Presenter: M. Al Hamzah</p> <p>Impact of Diabetes on Carotid Artery Revascularization: A Systematic Review and Meta-analysis Presenter: M. Hussain</p> <p>Trends in Aortic Repair in Ontario 2002-2014 Presenter: G. Roche-Nagle</p> <p>The influence of abdominal aortic aneurysm geometry on pulsatile flow dynamics Presenter: A. Boyd</p>
17h00 – 18h00	<p><b>CSVS Poster Session</b> –<i>Arbutus Ballroom Foyer</i> <i>Wine &amp; Cheese amongst the posters</i></p>
18h30	<p><b>President’s Dinner</b> (Closed - CSVS Executive Committee Members only)</p>

**Saturday, September 26 | samedi le 26 septembre 2015**

07h00	<p><b>CSVS Registration Desk Opens</b> <i>Arbutus Ballroom Foyer</i> <i>Ouverture du bureau d’inscription de la SCCV</i></p>
07h00-08h00	<p><b>CSVS Education Committee Meeting</b> – <i>Executive Room</i></p>
07h00-08h00	<p><b>CSVS Research Committee Meeting</b> – <i>Cowichan Room</i></p>
07h00 – 07h45	<p><b>Continental Breakfast</b>   <i>Petit Déjeuner - Harbour Room</i></p>
07h45-08h45	<p><b>Paper Session IV: Venous Disease - Arbutus Ballroom</b> Moderator: TBC</p> <p><b>0745-0800 Risk factors associated with venous ulcers in a Canadian population</b> Presenter: G. Yang</p> <p><b>0800-0815 Combined coil embolization and foam sclerotherapy for the management of varicose veins: description of a novel technique</b> Presenter: A. Kayssi</p> <p><b>0815-0830 Initial experience with endovenous cyanoacrylate adhesive to treat saphenous incompetence</b> Presenter: F. Elias</p>

	<p><b>0830-0845 Temporary Inferior Vena Cava Filters: Indications, retrieval rates and follow-up management at a single academic institution</b>  <b>Presenter: M. Tao</b></p>
<p><b>08h45 – 10h00</b></p>	<p><b>Paper Session V: Peripheral Arterial Disease - Arbutus Ballroom</b>  Moderator: TBC</p> <p><b>0845-0900 Mid-term report of randomized control trial of negative pressure wound therapy for high risk wounds in lower extremity revascularization</b>  <b>Presenter: K. Lee</b></p> <p><b>0900-0915 Preventing surgical site infections in bypass patients in the era of hospital based quality improvement initiatives</b>  <b>Presenter: A. Dueck</b></p> <p><b>0915-0930 Sex differences in the long-term outcomes of peripheral arterial disease</b>  <b>Presenter: M. Hussain</b></p> <p><b>0930-0945 Magnetic Resonance Imaging characterization of peripheral arterial chronic total occlusions with microCT and histological validation</b>  <b>Presenter: T. Roy</b></p> <p><b>0945-1000 Efficacy of a risk reduction program to improve cardiovascular outcomes in patients with peripheral arterial disease: a propensity score-matched study</b>  <b>Presenter: M. Hussain</b></p>
<p><b>10h00 – 10h30</b></p>	<p><b>Refreshment Break &amp; Exhibits   Pause santé et exposants - Harbour Room</b></p>
<p><b>10h30-11h15</b></p>	<p><b>Research - Arbutus Ballroom</b></p> <p><b>1030-1045 Present and Perish? Translation of grants to publication</b>  <b>Presenter: S. Crawford</b></p> <p><b>Presentation of 2015 Award Winners</b></p> <ul style="list-style-type: none"> <li>• Cook Research Award (presented by Dr. Graham Roche-Nagle)</li> <li>• Gore Research Award (presented by Dr. Graham Roche-Nagle)</li> <li>• John L. Provan Education Award (presented by Dr. Guiseppe Papia)</li> </ul> <p><b>2014 Cook, Gore and Provan Awards – project updates</b></p>
<p><b>11h15-11h45</b></p>	<p><b>CSVS Invited Guest Lecture II - Arbutus Ballroom</b>  <b>Learning Open Vascular Surgery- Does Practice Make Perfect?</b>  <i>Peter Lawrence, MD, Chief of Vascular Surgery, UCLA</i></p> <p><i>Objectives – upon completion of this session, attendees will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Know the principles of learning psychomotor skills</li> <li>2. Understand the impact of endovascular treatment on open surgical volume</li> </ol>

	<i>3. Be familiar with research related to the impact of simulation training in learning open surgery</i>
<b>11h45 – 12h15</b>	<b>Presidential Address</b> – Dr. Thomas Forbes - <i>Arbutus Ballroom</i> Introduction by: Dr. Greg Browne
<b>12h15 – 13h30</b>	<b>Lunch</b>
<b>13h30-15h00</b>	<p><b>Paper Session VI – Aortic Interventions: Type B Aortic Dissection and other topics</b> <i>Arbutus Ballroom</i></p> <p>Moderator: TBC</p> <p><b>1330-1345</b> Poor long-term outcomes for Type B Aortic Dissections raises the need for re-evaluating current management strategies: A population based analysis Presenter: H. Khambati</p> <p><b>1345-1400</b> Predicting the natural history of acute uncomplicated type B dissections by volumetric analysis of the initial index computed tomography (CT) scan Presenter: J. Panneton</p> <p><b>1400-1415</b> Intermediate care unit admission after elective open aneurysm repair Presenter: D. Dion</p> <p><b>1415-1430</b> Low wall shear stress predominates at sites of abdominal aortic aneurysm rupture Presenter: A. Boyd</p> <p><b>1430-1445</b> Inflammatory responses in a BAPN/AT2 induced murine model of aortic aneurysm Presenter: J. Byrne</p> <p><b>1445-1500</b> Effect of day of the week on mortality and cardiovascular outcomes following elective AAA repair and lower limb revascularization: a population based study Presenter: L. Dubois</p>
<b>15h00 – 15h30</b>	<b>Refreshment Break &amp; Exhibits</b>   <i>Pause santé et exposants – Harbour Room</i>
<b>15h30 – 16h45</b>	<p><b>Paper Session VII: General Topics in Vascular Surgery</b> - <i>Arbutus Ballroom</i> Moderators: TBC</p> <p><b>1530-1545</b> Unplanned early readmissions in vascular surgery Presenter: G. Roche-Nagle</p> <p><b>1545-1600</b> Routine Pathological examination of vascular surgery specimens is unnecessary and costly Presenter: J. Patapas</p>

	<p><b>1600-1615</b> Fluoroscopy time during EVAR: can we do better?  <b>Presenter: J.J. Brassard</b></p> <p><b>1615-1630</b> Risk-modifying medication prescription and compliance in Vascular surgery patients.  <b>Presenter: A. Kayssi</b></p> <p><b>1630-1645</b> Vascular Surgery Manpower in Canada: Will I have a job?  <b>Presenter: S. Lofti</b></p>
<b>16h45</b>	<b>Meeting Adjournment</b>
<b>16h45 – 18h00</b>	<b>Exhibits Dismantling</b>
<b>18h30</b>	<p><b>*CSVS 2015 Annual Dinner</b></p> <p><b>LOCATION – THE UNION CLUB - 805 Gordon St, Victoria, BC</b>  <b>Cocktail Reception 18:30</b>  <b>Dinner 20:00</b></p> <p><b>Presentation of the 2015 Sigvaris President’s Award and Josephus C. Luke Award</b></p> <p><i>*Advance registration and dinner ticket required.</i></p>