



Canadian Society for Vascular Surgery Société canadienne de chirurgie vasculaire

Preliminary Program



**SEPTEMBER 16-17, 2016
HALIFAX, NS**

WESTIN NOVA SCOTIAN HOTEL



CSVS VISION

To Lead Vascular Care in Canada

CSVS MISSION

The Canadian Society for Vascular Surgery is dedicated to excellence in the promotion of vascular health for Canadians through education, research, collaboration and advocacy

Educational Objectives of the CSVS 38th Annual Meeting, September 16-17, 2016

- 1) Participants will be able to discuss issues and management strategies related to complications after open or endovascular aortic surgery
- 2) Participants will understand the feasibility of aortic surgery as day surgery and economic costs associated with it
- 3) Participants will be able to describe current trends and outcomes of carotid surgery and stenting and factors related to delays in surgery.
- 4) Participants will be able to describe issues relating to wound care, venous disease, vascular access and peripheral vascular disease and patient outcomes.
- 5) Participants will have an understanding of the organizational and regional issues related to vascular surgery
- 6) Participants will be able to identify their own knowledge gaps by participating in VESP Jeopardy

The program will provide scientific or clinical presentations by the general membership and will provide the opportunity for the participant to discuss and contribute opinions and evaluations. Authors of accepted abstracts are encouraged to submit manuscripts for peer-reviewed publication.

Preliminary Agenda

CSVS Annual Meeting

September 16-17, 2016

Halifax NS

Thursday, September 15, 2016

12:00 pm to 1:00 pm	CSVS Executive Committee lunch (Closed) – <i>Bedford Room</i>
1:00 pm to 4:30 pm	CSVS Executive Committee meeting (Closed) – <i>Bedford Room</i>
4:30 pm to 9:00 pm	RCPSC Specialty Committee on Vascular Surgery Meeting (Closed) – <i>Maritime Room</i>
6:00 pm to 8:00 pm	Registration desk opens – <i>Atlantic Mezzanine</i>

Friday, September 16, 2016

7:00 am	Registration Desk opens – <i>Atlantic Mezzanine</i>
7:00 am to 7:45 am	Breakfast & Exhibits – <i>Atlantic Ballroom</i>
7:45 to 8:00 am	Welcome and Opening Remarks – <i>Commonwealth A</i> President – Dr. Greg Browne Program Chair – Dr. Min Lee Secretary – Dr. April Boyd Paper Session I – Carotid Disease: Challenges and Controversies <i>Commonwealth A</i> Moderator: Dr. Audra Duncan <i>Objectives: Upon completing this session, attendees will be able to:</i> 1) <i>Be aware of the trends in carotid stenting use and outcomes of carotid stenting vs. endarterectomy</i> 2) <i>Understand why delays in carotid surgery occur</i> 3) <i>Know the indications for carotid duplex</i>
8:00 am to 9:00 am	8:00-8:15 Investigating factors that delay carotid endarterectomy (CEA) in patients with symptomatic carotid artery stenosis <i>Presenter: D. Meyer</i> 8:15-8:30 The fall of carotid endarterectomy and rise of carotid stenting in Ontario from 2002-2014 <i>Presenter: M. Hussain</i>

	8:30-8:45 What are the current indications for carotid Doppler ultrasound? <i>Presenter: J.J. Brassard</i> 8:45-9:00 Long term outcomes of carotid endarterectomy versus stenting: a 12 year multicenter observational analysis of 14,464 patients <i>Presenter: M. Hussain</i> Paper Session II: Endovascular Aortic Intervention 1: Complications and Challenges – Commonwealth A Moderator: Dr. Jason Bayne <i>Objectives: Upon completing this session attendees will be able to</i> 1) <i>Understand the implications and complications of off-label or IFU deviation and endovascular grafts</i> 2) <i>Understand the factors related to vascular complications post TAVI</i> <i>Discuss open aortic surgery post EVAR</i> 9:00-9:15 Any IFU deviation predicts device failure in patients undergoing EVAR in mid-term follow-up <i>Presenter: P. Charbonneau</i> 9:15-9:30 Off-label endograft use is associated with increased overall mortality and is predicted by anatomic severity grading score for abdominal aortic aneurysm <i>Presenter: B. Cain</i> 9:30-9:45 Effectiveness of point-of-care ultrasound performed by medical students compared to physical examination by vascular surgeons in the detection of abdominal aortic aneurysms <i>Presenter: T. Mai</i> 9:45-10:00 Sheath size and age are predictors of vascular complications post trans-aortic valve implant (TAVI) <i>Presenter: G. Roche-Nagle</i>
9:00 am to 10:00 am	
10:00 am to 10:30 am	Refreshment Break & Exhibits – Atlantic Ballroom Paper Session III: Aortic Arch, Thoracic Aorta and Dissection – Commonwealth A Moderator: Dr. Jacques Tittley
10:30 am to 11:30 am	<i>Objectives: Upon completing this session attendees will be able to</i> 1) <i>Discuss endovascular and hybrid approaches to the aortic arch</i> 2) <i>Understand the factors related to negative aortic remodeling in Type b dissections</i> 3) <i>Identify issues related to the subclavian artery with TEVAR</i>

	10:30-10:45 Transapical delivery of a custom branched aortic arch endograft in an animal model <i>Presenter: J. Misskey</i> 10:45-11:00 Management of the left subclavian artery during thoracic endovascular aortic repair <i>Presenter: K. Arsenault</i> 11:00-11:15 Single institution experience with hybrid endovascular and surgical repairs involving the aortic arch: a retrospective review <i>Presenter: D. Szalay</i> 11:15-11:30 Anatomic predictors of negative aortic remodeling in medically treated uncomplicated chronic type B dissection <i>Presenter: K. Lee</i>
11:30 am to 12:00 pm	Presidential Address – Dr. Greg Browne – <i>Commonwealth A</i> Introduction by Dr. Rafik Ghali
12:00 pm to 1:30 pm	CSVs Annual General Meeting (members only) – <i>Commonwealth B</i>
12:00 pm to 1:30 pm	Lunch and Exhibits – <i>Atlantic Ballroom</i>
	Paper Session IV- Challenges in Wound Healing/Venous Disease /Venous Access - <i>Commonwealth A</i> Moderator: TBC <i>Objectives: Upon completion of this session attendees will be able to</i> <i>1) Discuss methods in managing wounds in complex patients</i> <i>2) Describe management of chronic venous occlusion</i> <i>Understand economic impact of EVLT in a public system</i>
1:30 pm to 3:00 pm	1:30-1:45 Topical oxygen therapy results in complete wound healing in diabetic foot ulcers <i>Presenter: E. Greco</i> 1:45-2:00 Randomized control trial of negative pressure wound therapy for high risk groin wounds in lower extremity revascularization <i>Presenter: K. Lee</i> 2:00-2:15 Continuous oxygen ambulatory therapy improves wound healing in chronic diabetic foot ulcers <i>Presenter: P. Hayes</i> 2:15-2:30 Economic implications of publically funded endovenous saphenous vein ablation (EVA) <i>Presenter: A. Butt</i>

	2:30-2:45 Venous stenting for lower extremity venous occlusive disease: the Vancouver General Hospital Experience Presenter: <i>K. Arsenault</i> 2:45-3:00 Vascular Access in the Lower Limb Presenter: <i>G. Roche-Nagle</i>
3:00 pm to 3:15 pm	Refreshment Break and Exhibits – Atlantic Ballroom
3:15 pm to 4:15 pm	VSEP Jeopardy – Commonwealth A Moderator: Dr. Guiseppe Papia <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> Rapid 3 minute Poster Presentations: A brief introduction – Commonwealth A Moderator: Dr. Heather Cox
4:15 pm to 5:00 pm	Abdominal aortic aneurysm growth is associated with changes in thrombus deposition Presenter: <i>A. Boyd</i> Predicting iliac artery deformation in response to guidewire insertion using computational simulations Presenter: <i>R. Sanford</i> The impact of limited vascular ultrasound studies on clinical decision making in patients with peripheral arterial disease Presenter: <i>E. Wooster</i> Applying criterion based indications for vascular ultrasound studies: planning quality improvement Presenter: <i>E. Wooster</i> Patient understanding and implications for consent for vascular treatment and consent Presenter: <i>E. Wooster</i> Understanding and predicting endovascular device rotation Presenter: <i>S. Crawford</i> Percutaneous TEVAR under local anesthesia without cerebral spinal fluid drainage Presenter: <i>S. Crawford</i> Duplex criteria for renal artery in-stent restenosis Presenter: <i>B. Cain</i>

5:00 pm to 6:00 pm	Can outcomes be improved with implementation of a “CODE AAA”? A comparison of ruptured aortic aneurysm and trauma code patients <i>Presenter: C. Chehroudi</i>
	Exploring the training experiences of a direct entry vascular surgery resident cohort using focus groups <i>Presenter: F. Naji</i>
	Patient profile and peripheral vascular interventions in consecutive patients treated in a single academic center <i>Presenter: G. Roche-Nagle</i>
	Multiple mini personal interviews for selecting vascular surgery residents <i>Presenter: M. Firdhouse</i>
	Utility of the assessment urgency algorithm in predicting length of stay in a vascular surgery patient cohort <i>Presenter: S.Jamshidi</i>
	Evaluating the effectiveness of internal iliac artery branched endovascular stent grafts; institutional experience <i>Presenter: F. Naji</i>
	Sex differences in endovascular abdominal aortic aneurysm: a meta-analysis <i>Presenter: F. Elias</i>
	Smart(phone) learning experience amongst vascular residents utilizing a response system application <i>Presenter: W. Al-Jundi</i>
	CSVS Poster Session – Atlantic Ballroom Foyer <i>Wine & Cheese amongst the posters</i>

Saturday, September 17, 2016	
7:00 am	CSVS Registration Desk Opens – Atlantic Mezzanine <i>Ouverture du bureau d’inscription de la SCCV</i>
7:00 am to 8:00 am	Continental Breakfast & Exhibits – Atlantic Ballroom
7:00 am to 8:00 am	Education Committee meeting – Maritime Rom
7:00 am to 8:00 am	Research Committee meeting – Bedford Room
Paper Session V: Endovascular Aortic Interventions II – Commonwealth A Moderator: TBC	

8:00 am to 9:45 am	<i>Objectives: Upon completion of this session attendees will be able to</i> <i>1) Discuss economic issues and areas for quality improvement related to EVAR</i> <i>2) Understand new methods of measurement for EVAR and long term issues with post-operative imaging and EVAR</i> <i>3) Identify outcomes of REVAR and devices</i> 8:00-8:15 Percutaneous endovascular aneurysm repair: a single center economic analysis <i>Presenter: M.A.Cwinn</i> 8:15-8:30 Preliminary results of a prospective trial of endovascular aortic aneurysm repair as day surgery <i>Presenter: S. Hanley</i> 8:30-8:45 Development and initial evaluation of a same day discharge percutaneous endovascular aneurysm repair pathway <i>Presenter: D. Roberts</i> 8:45-9:00 Quality improvement in elective EVAR length of stay using risk adjusted VQI comparisons: a local study <i>Presenter: T. Lindsay</i> 9:00-9:15 A new “angle” on aortic neck angulation measurement <i>Presenter: M. Rockley</i> 9:15-9:30 Ten years of endovascular aortic aneurysm repair: a population-based evaluation of post-operative imaging and mortality <i>Presenter: C. de Mestral</i> 9:30-9:45 Endovascular repair of ruptured abdominal aortic aneurysms: are outcomes device dependent? <i>Presenter: V. Kansal</i>
9:45 am to 10:15 am	Refreshment Break & Exhibits – Atlantic Ballroom
10:15 am to 10:45 am	CSVS Invited Guest Lecture I – Commonwealth A Professor Matt Thompson - St. George's Vascular Institute, London UK “The future of EVAR - A Personal View”
10:45 am to 11:15 am	Research – Commonwealth A Dr. Graham Roche-Nagle/Dr. Luc Dubois

	Presentation of 2016 Award Winners • Cook Research Award (presented by Dr. Graham Roche-Nagle) • Gore Research Award (presented by Dr. Graham Roche-Nagle) • John L. Provan Education Award (presented by Dr. Guiseppe Papia) 2015 Project Updates for Cook, Gore and Provan Awards
11:15 am to 11:45 am	Debate – <i>Commonwealth A</i> Topic TBC
11:45 am to 1:00 pm	Lunch & Exhibits – <i>Atlantic Ballroom</i> Opportunity for Residents/Fellows/Students to meet and greet with invited guest speaker Paper Session VI – Peripheral Vascular Disease, Education and Organization <i>Commonwealth A</i> Moderator: Dr. Varun Kapila <i>Objectives: Upon completion of this session attendees will be able to</i> 1) <i>Discuss methods of education in vascular surgery</i> 2) <i>Understand the current needs of vascular surgery and reorganization of vascular services</i> 3) <i>Know the issues related to gender and PVD and how to predict forces required to cross peripheral lesions</i>
1:00 pm to 2:30 pm	1:00-1:15 The effect of gender on outcomes after lower extremity revascularization <i>Presenter: L. Dubois</i> 1:15-1:30 Magnetic resonance imaging as a predictor of forces required to cross peripheral artery lesions with a guidewire <i>Presenter: T. Roy</i> 1:30-1:45 Comparison of superior femoral artery (SFA) angioplasty combined with open femoral endarterectomy to open surgical bypass for femoropopliteal occlusive disease <i>Presenter: J. Harlock</i> 1:45-2:00 A randomized controlled trial evaluating the impact of expert feedback on the acquisitions of technical skills in vascular surgery <i>Presenter: L. Drudi</i>

	2:00-2:15 Bringing simulation-training to the masses: why group learning can be an effective low-cost alternative to the traditional hot-seat model <i>Presenter: H. Khambati</i>
	2:15-2:30 Ontario current state assessment and proposed program framework: acute care vascular services <i>Presenter: T. Forbes</i>
2:30 pm to 3:00 pm	CSVS Invited Guest Lecture II – Commonwealth A Professor Matt Thompson - St. George's Vascular Institute, London UK “The reorganization of English vascular services - why and when?”
3:00 pm to 3:15 pm	Refreshment Break & Exhibits – Atlantic Ballroom Paper Session VII – The Aorta - Commonwealth A Moderator: Dr. Patrick Casey
	<i>Objectives: Upon completion of this session attendees will be able to</i> <i>1) Understand issues related to ultrasound screening and effectiveness of ultrasound performed by medical students.</i> <i>2) Describe the management of infected aortas and grafts</i> <i>3) Determine factors related to morality after open/endovascular aneurysm repair and outcomes of non-operative management of aortic aneurysms</i>
3:15 pm to 4:30 pm	3:15-3:30 Long term results of the NAIS procedure for aortic graft infections and mycotic aneurysms: a single center experience <i>Presenter: V. Gauvin</i> 3:30-3:45 Long term outcomes of conservative management for large inoperable abdominal aortic aneurysms <i>Presenter: S. Lotfi</i> 3:45-4:00 Psoas muscle area and all-case mortality after endovascular and open aortic aneurysm repair <i>Presenter: L. Drudi</i> 4:00-4:15 Understanding the burden for abdominal aortic ultrasound scanning for aneurysm care in a publically funded health system: an analysis of census data <i>Presenter: E. Wooster</i> 4:15-4:30 Late open surgical conversion after endovascular abdominal aortic aneurysm repair: A review of 15 years of experience <i>Presenter: V. Kansal</i>

4:30 pm	Meeting Adjournment
4:30 pm to 6:00 pm	Exhibits Dismantling
	*CSVs 2016 Annual Dinner (Cocktail, Dinner and Boat Cruise included in ticket price) *Advance registration and dinner ticket required.
6:30 pm to 11:30 pm	LOCATION – Citadel Hill, Halifax NS Cocktail Reception 6:30 pm- Dinner 7:00 pm Plus....After Dinner Boat Cruise on the Tall Ship Silva @ 9:30 pm (Transportation will be provided)
	Presentation of the 2016 Sigvaris President's Award and Josephus C. Luke Award