



FINAL PROGRAM

CSVS 45TH ANNUAL MEETING ON VASCULAR SURGERY



September 8-9, 2023

Hilton Québec & Centre des congrès de Québec | Québec City, QC

Program Chair: Dr. Virginia Gunn

Assistant Program Chair: Dr. Laura Drudi

Local Arrangement Chair: Dr. Mireille Méthot



EDUCATIONAL OBJECTIVES

CSVS 45th ANNUAL MEETING ON VASCULAR SURGERY

1. Participants will gain knowledge in new treatments to manage peripheral vascular disease.
2. Participants will have a better understanding of aneurysm treatment through both endovascular and open repair.
3. Participants will be able to understand current basic science developments in Vascular Surgery.
4. Participants will have a better understanding of current trends and innovation in Vascular Surgery.

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the Canadian Society for Vascular Surgery. You may claim a maximum of 9 hours (credits are automatically calculated).

AMA PRA Category 1 Credit™ designation statement.

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. More information is available through the AMA website.



VISIT OUR 2023 SPONSORS AND EXHIBITORS

The CSVS meeting has proven to be a great opportunity for a collegial interchange of ideas and product information between physicians and our corporate partners. The exhibit area is the exclusive room for meals and breaks. The exhibiting companies will provide you with the latest information on products in the field of vascular surgery. Information on our corporate partners is included on the CSVS website. Please visit the exhibit hall (2000C) to meet our sponsors. Exhibiting companies are our benefactors and major resource for our annual meeting and we encourage all our members and guest delegates to visit and support our corporate partners.

Virtual Sponsor Showcase



Networking breaks amongst exhibitors

Friday, September 8 | 7:00-7:45am, 9:15-10:00am, 12:00-1:30pm, 2:30-3:15pm
Saturday, September 9 | 7:30-8:30am, 10:30-11:00am, 12:45pm-13:45pm



SOCIAL EVENTS

The CSVS will be holding two social events that will provide you with an opportunity to connect with fellow delegates in a more relaxed environment.

Wine & Cheese and Poster Viewing

Friday, September 8 from 4:00 to 5:00pm in Hall 2000 *Centre des congrès de Québec*.

CSVS Annual Dinner

Saturday, September 9 starting at 6:30pm, the CSVS Annual Dinner will be held at l'Assemblée nationale du Québec, *Le Parlementaire, Restaurant Distinctif*. Tickets are limited and must be purchased in advance. For more information, please visit the onsite registration desk.

THURSDAY SEPTEMBER 7, 2023 | JEUDI LE 7 SEPTEMBRE 2023

9:00 am to 1:00 pm

Room: Ste-Foy/Portneuf
Hilton

Quality & Outcomes Committee Meeting *(closed)*
Chair: Dr. Yaasin Abdulrehman

12:00 pm to 6:00 pm

Room: 2000C
Centre des congrès de
Québec

Exhibitor Move In & Poster Board Set-Up

12:00 pm to 1:00 pm

Room: Beaumont
Hilton

CSVS Executive Committee Lunch *(closed)*
Chair: Dr. John Harlock

1:00 pm to 4:00 pm

Room: Beaumont
Hilton

CSVS Executive Committee Meeting *(closed)*
Chair: Dr. John Harlock

5:00 pm to 9:00 pm

Room: Ste-Foy/Portneuf
Hilton

RCPSC Vascular Surgery Specialty Committee Meeting *(closed)*
Chair: Dr. Randy Guzman

5:00 pm to 7:00 pm

Room: Hall 2000
Centre des congrès de
Québec

CSVS Registration Desk Opens

FRIDAY SEPTEMBER 8, 2023 | VENDREDI LE 8 SEPTEMBRE 2023

7:00 am

Room: Hall 2000
Centre des congrès de
Québec

CSVS Registration Desk Opens

7:00 am to 7:45 am

Room: 2000C

Exhibits & Continental Breakfast

7:00 am to 7:45 am

Room: 206B

Life After Residency
Speakers: Dr. Virginia Gunn, Dr. Elisa Greco, Dr. Kenton Rommens & Dr. Matt Cwinn
(closed session for residents, medical and undergraduate students)

7:45 am to 8:00 am

Room: 2000AB

Welcome & Opening Remarks
President: Dr. John Harlock | Chair: Dr. Virginia Gunn

8:00 am to 9:00 am

Room: 2000AB

Session I: Peripheral Artery Disease

Moderators: Dr. Elisa Greco & Dr. Pascal Rhéaume

Learning Objectives - At the end of this session, participants will be able to:

- Evaluate and determine the best treatment for patients with peripheral vascular disease

8:00-8:08: A SYSTEMATIC REVIEW AND META-ANALYSIS ON SEX-BASED DISPARITIES IN PATIENTS WITH CHRONIC LIMB THREATENING ISCHEMIA UNDERGOING REVASCULARIZATION – *Nardin Farag*

8:08-8:16: DRUG-ELUTING BALLOON ANGIOPLASTY VERSUS UNCOATED BALLOON ANGIOPLASTY FOR PERIPHERAL ARTERIAL DISEASE OF THE LOWER LIMBS: A COCHRANE SYSTEMATIC REVIEW UPDATE – *Gar-Way Ma*

8:16-8:24: A META-ANALYSIS TO DERIVE POPULATION-BASED QUALITY BENCHMARKS OF THE INCIDENCE OF SURGICAL SITE INFECTION AFTER LOWER LIMB REVASCULARIZATION SURGERY – *Aidan Kirkham*

8:24-8:32: PREDICTORS AND OUTCOMES OF DELAYS IN REVASCULARIZATION IN PATIENTS WITH CHRONIC LIMB-THREATENING ISCHEMIA – *Ahmed Naiem*

8:32-8:40: REPORT FROM A PHASE 2 PROSPECTIVE RANDOMIZED PLACEBO CONTROLLED TRIAL OF AUTOLOGOUS STEM CELLS TO TREAT PATIENTS WITH NO OPTION CRITICAL LIMB ISCHEMIA: THE ACP-CLI TRIAL – *Ishmam Bhuiyan*

8:40-9:00: DISCUSSION PERIOD

9:00 am to 9:15 am

Room: 2000AB

Sponsored Rapid Fire Session * unaccredited session



SCAN ME

9:15 am to 10:00 am

Room: 2000C

Refreshment Break & Exhibits

10:00 am to 11:00 am

Room: 2000AB

Session II: Abdominal Aorta

Moderators: Dr. Audra Duncan & Dr. Philippe Charbonneau

Learning Objectives - At the end of this session, participants will be able to:

- Predict medium and long term outcomes in endovascular aneurysm repair

10:00-10:08: MORBIDITY AND MORTALITY FOLLOWING EVAR AND OPEN AAA REPAIR IN RUPTURED ABDOMINAL AORTIC ANEURYSMS IN OCTOGENARIANS – *Shaidah Deghan Manshadi*

10:08-10:16: FIVE YEAR OUTCOMES OF ENDOSUTURE ANEURYSM REPAIR (ESAR) IN PATIENTS WITH SHORT NECK ABDOMINAL AORTIC ANEURYSM FROM THE ANCHOR REGISTRY – *Frank R Arko III*

10:16-10:24: MORTALITY OUTCOMES OF ENDOVASCULAR AORTIC BALLOON CONTROL IN OPEN RUPTURED ABDOMINAL AORTIC ANEURYSM REPAIR – *Melissa Jones*

10:24-10:32: IMPACT OF TREATMENT TIMING IN ENDOVASCULAR ANEURYSM REPAIR OF ABDOMINAL AORTIC ANEURYSMS – *Ahmed Naiem*

10:32-10:40: OUTCOMES OF RENAL BRANCH INSTABILITY IN PATIENTS UNDERGOING FENESTRATED-BRANCHED ENDOVASCULAR REPAIR – *Tiam Feridooni*

10:40-11:00: DISCUSSION PERIOD

11:00 am to 11:45 am

Room: 2000AB

CSVS Invited Guest Lecture I – Pr Stéphan Haulon, Paris, FR

Moderators: Dr. Virginia Gunn & Dr. Laura Drudi

ENDOVASCULAR REPAIR OF CHRONIC AORTIC DISSECTIONS WITH F/BEVAR

Learning Objectives – At the end of this session, participants will be able to:

- Accurately analyze the pre op CTA
- Design an appropriate endograft
- Schedule a staged repair to reduce SCI

11:30 am to 14:00 pm

Location:

Château Frontenac

Explore & Connect * daytime event for spouses and partners of physicians

Space is limited, pre-registration required (visit the CSVS website for more details)

11:45 am to 12:00 pm

Room: 2000AB

Sponsored Rapid Fire Session * unaccredited session



12:00 pm to 1:30 pm

Room: 206B

CSVS Annual General Meeting (Members ONLY)

12:00 pm to 1:30 pm

Room: 2000C

Lunch Break & Exhibits (For those NOT attending AGM)

12:00 pm to 1:30 pm

Room: 2000C

Meet & Greet with CSVS Invited Guest Speaker Pr Stéphan Haulon

*This session is for residents, fellows and medical students

1:30 pm to 2:30 pm

Room: 2000AB

Session III: Abdominal and Thoracic Aorta

Moderators: Dr. Shung Lee & Dr. Matt Cwinn

Learning Objectives - At the end of this session, participants will be able to:

- Understand treatment options for aortic arch and juxtarenal aneurysms

1:30-1:38: AORTIC ARCH ENDOVASCULAR BRANCH AND FENESTRATED REPAIR: A CONSECUTIVE CASE SERIES – *Mark Rockley*

1:38-1:46: CLINICAL IMPACT OF CHRONIC KIDNEY DISEASE ON PATIENTS UNDERGOING BRANCHED-FENESTRATED ENDOVASCULAR AORTIC REPAIR – *Daniyal Mahmood*

1:46-1:54: IMPACT OF DEVICE REPRESENTATIVES IN THE OPERATING ROOM ON CLINICAL OUTCOMES DURING STANDARD INFRA-RENAL ENDOVASCULAR REPAIR OF ANEURYSM (EVAR) – *Farhad Udwadia*

1:54-2:02: LEFT VERTEBRAL ARTERY REVASCULARIZATION IN DISTAL AORTIC ARCH SURGERY: COMPARATIVE STUDY OF PATIENTS WITH AND WITHOUT ABERRANT LEFT VERTEBRAL ANATOMY – *Farhad Udwadia*

2:02-2:10: ANTEGRADE LASER IN-SITU FENESTRATION FOR THE TREATMENT OF THORACOABDOMINAL AND JUXTA-RENAL AORTIC ANEURYSMS – *Sean Crawford*

2:10-2:30: DISCUSSION PERIOD

2:30 pm to 3:15 pm

Room: 2000C

Refreshment Break & Exhibits

3:15 pm to 4:00 pm

Room: 2000AB

Rapid 3 Minute Poster Presentations: A Brief Introduction

Moderators: *Dr. Virginia Gunn & Dr. Laura Drudi*

Learning Objectives - At the end of this session, participants will be able to:

- Gain further knowledge in vascular surgery innovation

3:15-3:18: TOTAL AORTIC ARCH ENDOGRAFT AND DOUBLE IN-SITU FENESTRATION WITH GUTTER BALLOON PERFUSION FOR AORTOBRONCHIAL FISTULA: A CASE REPORT – *Mark Rockley*

3:18-3:21: FEASIBILITY OF PHYSICIAN MODIFIED STENT GRAFTS IN EMERGENT AORTIC SURGERY – *Alexa Mordhorst*

3:21-3:24: THE IMPACT OF OBESITY ON OUTCOMES AFTER FENESTRATED-BRANCHED ENDOVASCULAR ANEURYSM REPAIR – *Hesham AlGhofli*

3:24-3:27: PRACTICAL AND ETHICAL CHALLENGES OF MAINTAINING VASCULAR ACCESS IN CHRONIC KIDNEY DISEASE: A QUALITATIVE INTERVIEW STUDY – *Danielle Cohen*

3:27-3:30: THE CARBON FOOTPRINT OF THE VASCULAR SURGERY OPERATING ROOM – *Ningzhi Gu*

3:30-3:33: ASSESSMENT OF CARDIOVASCULAR RISK MODIFICATION THERAPIES AMONGST VASCULAR SURGERY PATIENTS ADMITTED WITH CHRONIC LIMB THREATENING ISCHEMIA – *Mackenzie d'Entremont-Harris*

3:33-3:36: MANAGEMENT OF RENAL ARTERY ANEURYSMS: A RETROSPECTIVE STUDY – *Lisa Vi*

3:36-3:39: CANADA'S FIRST LADIES OF VASCULAR SURGERY – *Crystal McLeod*

3:39-3:42: REPRODUCIBILITY OF ORIGINAL PHASE-III OR HIGHER RANDOMIZED CONTROLLED TRIAL RESULTS IN VASCULAR AND ENDOVASCULAR SURGERY: A META-EPIDEMIOLOGICAL STUDY – *Allen Li*

3:42-3:45: ASSESSING THE ROBUSTNESS OF POSITIVE VASCULAR SURGERY RANDOMIZED CONTROLLED TRIALS USING THEIR FRAGILITY INDEX – *Arshia Javidan*

3:45-3:48: EVALUATING APPROPRIATENESS AND READABILITY OF CLINICAL VASCULAR SURGERY RECOMMENDATIONS GENERATED BY AN ARTIFICIAL INTELLIGENCE ONLINE LANGUAGE MODEL (CHATGPT) – *Arshia Javidan*

3:48-3:51: SLASH AND SPLASH TECHNIQUE FOR LOWER EXTREMITY VEIN GRAFT STENOSIS HAS EXCELLENT MID-TERM PATENCY AND FREEDOM FROM RE-STENOSIS – *John Landau*

3:51-3:54: ZONE 0 BRANCHED ENDOVASCULAR AORTIC ARCH REPAIR – *Julia Chen*

3:54-3:57: EVALUATION OF THE EFFICACY OF AN ONLINE LEARNING MODULE TO INCREASE WOUND CARE THEORETICAL KNOWLEDGE AMONGST MEDICAL STUDENTS – *Gar-Way Ma*

4:00 pm to 5:00 pm

Room: Hall 2000

CSVS Poster Session

Wine & Cheese amongst the posters

SATURDAY SEPTEMBER 9, 2023 | SAMEDI LE 9 SEPTEMBRE 2023

7:30 am

Room: Hall 2000

Centre des congrès de
Québec

CSVS Registration Desk Opens

7:30 am to 8:30 am

Room: 2000C

Exhibits & Continental Breakfast

7:30 am to 8:30 am

Room: 2104A

CSVS Research Interest Group Meeting

Chair: Dr. Derek Roberts

8:30 am to 9:30 am

Room: 2000AB

Session IV: Peripheral Arterial and Carotid Disease

Moderators: Dr. Mireille Méthot & Dr. Patrick Casey

Learning Objectives - At the end of this session, participants will be able to:

- Gain further knowledge in peripheral vascular disease

8:30-8:38: PREDICTING MAJOR ADVERSE CARDIOVASCULAR EVENTS FOLLOWING CAROTID ENDARTERECTOMY USING MACHINE LEARNING – [Ben Li](#)

8:38-8:46: THE EFFECTS OF A WELLNESS ASSESSMENT AND VASCULAR EXERCISE (WAVE) PROGRAM IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE IN A COMMUNITY SETTING IN ONTARIO, CANADA – [Athena Mancini](#)

8:46-8:54: RISK FACTORS FOR SURGICAL SITE INFECTION AFTER LOWER LIMB REVASCULARIZATION SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS OF PROGNOSTIC STUDIES – [Aidan Kirkham](#)

8:54-9:02: AUTOMATED AND INTERPRETABLE DEEP LEARNING FOR CAROTID PLAQUE ANALYSIS USING ULTRASOUND – [Nitish Bhatt](#)

9:02-9:10: A NOVEL CLINICO-ANATOMICAL SCORE PREDICTS ENDOVASCULAR FAILURE IN PATIENTS WITH CHRONIC LIMB-THREATENING ISCHEMIA – [Ahmed Naiem](#)

9:10-9:30: DISCUSSION PERIOD

9:30 am to 9:45 am

Room: 2000AB

Sponsored Rapid Fire Session * unaccredited session



SCAN ME

9:45 am to 10:15 am

Room: 2000AB

Session V: Vascular Medicine

Moderators: Dr. Yaasin Abdulrehman & Dr. Sajjid Hossain

Learning Objectives - At the end of this session, participants will be able to:

- Improve peri-operative/peri-procedure medical management of the vascular patient

9:45-9:53: THE ASSOCIATIONS BETWEEN DIABETES AND METFORMIN AND ABDOMINAL AORTIC ANEURYSM (AAA) EVENTS: A RETROSPECTIVE COHORT STUDY – [Peter Brown](#)

9:53-10:01: ANGIOGRAPHY-RELATED CONTRAST-INDUCED NEPHROPATHY IN VASCULAR SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS – [Alveena Ahmed](#)

10:01-10:09: EVIDENCE FOR UNDERPRESCRIPTION OF GUIDELINE-RECOMMENDED CARDIOVASCULAR MEDICATIONS TO ADULTS WITH PERIPHERAL ARTERY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS – *Maude Paquet*

10:09-10:15: DISCUSSION PERIOD

10:15 am to 10:30 am

Room: 2000AB

Canadian Vascular Quality Improvement (CVQI) Update

Moderator: Dr. Yaasin Abdulrehman

10:30 am to 11:00 am

Room: 2000C

Refreshment Break & Exhibits

11:00 am to 11:45 am

Room: 2000AB

CSVS Research Session

Moderator: Dr. Derek Roberts

CSVS 2023 RESIDENT RESEARCH AWARD - Rapid Fire Presentations

**This award is supported by W. L. Gore & Associates, Inc and BD Interventional*

2 Finalists to present to judging panel (10-minute presentation, 5-minute Q&A)

11:00-11:15: VALIDATION OF THE COMPREHENSIVE COMPLICATION INDEX IN VASCULAR SURGERY FOR OPEN ABDOMINAL AORTIC ANEURYSM REPAIR– *Xheni Konci*

11:15-11:30: USING MACHINE LEARNING TO PREDICT OUTCOMES FOLLOWING OPEN ABDOMINAL AORTIC ANEURYSM REPAIR– *Ben Li*

PRESENTATION OF 2023 AWARD WINNERS

- CSVS Clinical Investigator Award (presented by Dr. Derek Roberts)
- CSVS Young Investigator Award (presented by Dr. Derek Roberts)
- CSVS National Student Research Awards (presented by Dr. Derek Roberts)

RESEARCH UPDATE (presented by Dr. Derek Roberts)

11:45 am to 12:00 pm

Room: 2000AB

Canadian Vascular Journal Update

Moderator: Dr. Luc Dubois

12:00 pm to 12:45 pm

Room: 2000AB

CSVS Invited Guest Lecture II – Pr Stéphan Haulon, Paris, FR

Moderators: Dr. Virginia Gunn & Dr. Laura Drudi

ARCH ANEURYSMS REPAIR WITH BRANCHED ENDOGRAFTS

Objectives – At the end of this session, participants will be able to:

- Select appropriate patients for such a repair
- Discuss treatment options/indications in a multidisciplinary Aortic conference
- Describe the various steps of the procedure

12:45 pm to 1:45 pm

Room: 2000C

Lunch Break & Exhibits

1:45 pm to 2:30 pm

Room: 2000AB

Presidential Address

Dr. John Harlock, President & Introduction of Dr. Heather Gill, Incoming President

2:30 pm to 3:30 pm

Room: 2000AB

Session VI: Innovation & Various Topics

Moderators: *Dr. Nicholas Peti & Dr. Laura Drudi*

Learning Objectives - At the end of this session, participants will be able to:

- Understand the importance of communication in vascular surgery

2:30-2:38: **SIDEEYE: PERFORMANCE EVALUATION FOR FENESTRATED ENDOVASCULAR ANEURYSM REPAIR PROCEDURES** – *Andrew Dueck*

2:38-2:46: **PREDICTORS OF QUALITY END-OF-LIFE CARE AND GOALS OF CARE COMMUNICATION AMONGST VASCULAR SURGERY PATIENTS** – *Megan Chan*

2:46-2:54: **THE ROLE OF GENDER IN PERCEIVED VASCULAR SURGICAL AND CARDIOVASCULAR RESIDENCY TRAINING EXPERIENCE: A CANADIAN EXPERIENCE** – *Shaidah Deghan Manshadi*

2:54-3:02: **GUIDELINE-CONCORDANT ARTERIOVENOUS FISTULA CARE WITH THE PREDICT-AVF WEB APP** – *Patrick Heindel*

3:02-3:10: **FOR ELECTIVE AORTIC SURGERY PATIENTS, PRE-OPERATIVE SURGEON-TO SURGEON COLLABORATIVE CASE CONFERENCES RESULTED IN A HIGH RATE OF CHANGE FROM INITIAL TO CONSENSUS TREATMENT PLAN** – *Jane Newman*

3:10-3:30: **DISCUSSION PERIOD**

3:30 pm

Room: 2000AB

Closing Remarks

6:30 pm

CSVS 2023 Annual Dinner at l'Assemblée nationale du Québec Le Parlementaire *Advance registration and dinner ticket required.

10:30 pm

Social Gathering at l'Atelier

Mingle with your colleagues & enjoy a few cocktails at l'Atelier. Located in the heart of Quebec City, on the prestigious Grande-Allée, L'Atelier welcomes you in an atmosphere that is both sophisticated and laid-back, where refinement and conviviality come together.

SAVE THE DATES



CSVS Annual Meeting

September 13-14, 2024

Delta Hotels St. John's Conference Centre
St. John's, NL



gratefully acknowledges the support of our scientific program



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CSVS RESIDENT RESEARCH AWARD

