FINAL PROGRAM

CSV 43rd ANNUAL MEETING ON VASCULAR SURGERY
VIRTUAL EDITION

September 24-25, 2021 | Zoom

Program Chair: Dr. Fadi Elias
Assistant Program Chair: Ivica Vucemilo
EDUCATIONAL OBJECTIVES
CSVS 43rd ANNUAL MEETING ON VASCULAR SURGERY VIRTUAL EDITION

1. Participants will understand new alternatives of treatment that will help 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 8 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.
11h00-11h05 (EST)
Welcome and Opening Remarks
President: Dr. Karim Alibhai | Program Chair: Dr. Fadi Elias | Secretary: Dr. John Harlock

11h05-12h05 (EST)
ORAL PRESENTATIONS - SESSION I: PERIPHERAL ARTERY DISEASE 1 (PAD)
Moderator: Dr. Varun Kapila

Learning Objectives - At the end of this session, participants will be able to:
• Gather further knowledge on techniques for treatment of PVD
• Gain insight into medical management of peripheral vascular disease
• Gain further knowledge in the treatment of median arcuate syndrome

11h05-11h13: UTILITY OF ANGIOGRAPHIC METRICS OF PERFUSION AS A PREDICTOR OF SUCCESSFUL ENDOVASCULAR REVASULARIZATION OF ATHEROSCLEROTIC PERIPHERAL VASCULAR DISEASE – Chanhee Seo

11h13-11h21: MULTIMODAL PREHABILITATION FOR PERIPHERAL ARTERIAL DISEASE: RESULTS OF AN IN-TRIAL PILOT RANDOMIZED CONTROLLED TRIAL – Miquel Coca-Martinez

11h21-11h29: UPDATED META-ANALYSIS FOR PACLITAXEL IN PERIPHERAL ARTERIAL DISEASE – Graham McClure

11h29-11h37: EVALUATION OF FACTORS ASSOCIATED WITH LIMB THROMBUS FORMATION POST-ENDOVASCULAR AORTIC ANEURYSM REPAIR – Sally (Hye Ji) Choi

11h37-11h45: STANDARDIZED APPROACH TO MEDIAN ARCUATE SYNDROME AND LAPAROSCOPIC RELEASE: AN INSTITUTIONAL EXPERIENCE – Aneetinder Mann

11h45-12h05: DISCUSSION PERIOD

12h05-13h05 (EST)
ORAL PRESENTATIONS - SESSION II: THORACOABDOMINAL AORTA
Moderator: Dr. Dalibor Kubelik

Learning Objectives - At the end of this session, participants will be able to:
• Gain further knowledge and techniques for fenestrated endovascular repair (FEVAR)
• Gain further insight into gender differences when performing branched and fenestrated endovascular aneurysm repair
• Understand new concepts in resuscitative endovascular balloon occlusion of the aorta (REBOA)

12h05-12h13: INCREASING AORTIC COVERAGE IMPROVES BRANCH STABILITY IN FENESTRATED ENDOVASCULAR ANEURYSM REPAIR – Miranda Witheford

12h13-12h21: OUTCOMES JUSTIFY THE USE OF BRANCHED AND FENESTRATED ENDOVASCULAR DEVICES FOR AORTIC ANEURYSM REPAIR IN OCTOGENARIANS – Daniyal Nasir Mahmood

12h21-12h29: FEMALE SEX IS ASSOCIATED WITH ELEVATED EARLY MORBIDITY AND MORTALITY BUT SIMILAR MID-TERM SURVIVAL IN BRANCHED/FENESTRATED ENDOVASCULAR AORTIC ANEURYSM REPAIR – Samantha Forbes

12h29-12h37: INTRODUCING A NEW CONCEPT OF FIXED-VOLUME AORTIC OCCLUSION FOR FLUOROSCOPY-FREE RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) – Adam Power

12h37-12h45: OUTCOMES OF OFF-THE-SHELF T-BRANCH STENT GRAFTS IN ENDOVASCULAR REPAIR OF THORACOABDOMINAL AORTIC ANEURYSMS – Apoorva Bhandari

12h45-13h05: DISCUSSION PERIOD

13h05-13h20 (EST)
BREAK
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<tr>
<th>Time</th>
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<tr>
<td>13h20-13h30 (EST)</td>
<td><strong>SPONSORED RAPID FIRE SESSION</strong> * unaccredited session – see appendix A for details</td>
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<td>13h30-14h00 (EST)</td>
<td><strong>CSVS INVITED GUEST LECTURE I</strong></td>
<td><strong>SOCIAL DEPRIVATION AND THE FUTURE OF VASCULAR SURGERY</strong> – Dr. Tara Mastracci, London, UK Learning Objectives - At the end of this session, participants will be able to: TBD</td>
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<td>14h00-15h00 (EST)</td>
<td><strong>ANNUAL GENERAL MEETING</strong> <em>for CSVS members only</em></td>
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<td>15h00-15h15 (EST)</td>
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<td>15h15-15h25 (EST)</td>
<td><strong>SPONSORED RAPID FIRE SESSION</strong> * unaccredited session – see appendix A for details**</td>
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| 15h25-16h25 (EST) | **ORAL PRESENTATIONS - SESSION III: CAROTID | VARIOUS**                                                                 | **Moderator: Dr. Jonathan Misskey** Learning Objectives - At the end of this session, participants will be able to:  
  - Gain knowledge in carotid shunting  
  - Understand the natural history of asymptomatic carotid stenoses  
  - Gain insight into the use of heparin in ruptured aortic aneurysm repair  
  15h25-15h33: **SAFETY OF SHUNTING STRATEGIES DURING CAROTID ENDARTERECTOMY** – Xavier Hommery-Boucher  
  15h33-15h41: **THE CONTEMPORARY NATURAL HISTORY OF MEDICALLY MANAGED ASYMPTOMATIC CAROTID ARTERY STENOSIS** – Adnan Husein  
  15h41-15h49: **THE IMPACT OF HEPARIN ON MORTALITY FOLLOWING OPEN RUPTURED ABDOMINAL AORTIC ANEURYSM REPAIR: A PROPENSITY SCORE-MATCHED ANALYSIS** – Cesar Daniel Cuen Ojeda  
  15h49-15h57: **EFFECT OF ANTICOAGULATION ON EVAR OUTCOMES AND DEVELOPMENT OF ENDOLEAKS** – Mohammed Habib  
  15h57-16h05: **AN ANALYSIS OF SPIN IN VASCULAR SURGERY RANDOMIZED CONTROLLED TRIALS WITH STATISTICALLY NON-SIGNIFICANT PRIMARY OUTCOMES** – Allen Li  
  16h05-16h25: **DISCUSSION PERIOD**                                                              |                                                                       |
| 16h25-16h30 (EST) | **BREAK**                                                                                       |                                                                       |
| 16h30-17h00 (EST) | **MEET & GREET WITH CSVS INVITED GUEST SPEAKER DR. TARA MASTRACCI**                              | *This session is for residents, fellows and medical students          |
11h00-11h05 (EST)

Welcome and Opening Remarks
President: Dr. Karim Alibhai | Program Chair: Dr. Fadi Elias | Secretary: Dr. John Harlock

11h05-12h05 (EST)

ORAL PRESENTATIONS - SESSION IV: ABDOMINAL AORTA
Moderator: Dr. Yaasim Abdurehman

Learning Objectives - At the end of this session, participants will be able to:
- Gain further knowledge in endovascular aneurysm repair
- Gain further knowledge in the management of renal ischemia during complex aneurysm repair
- Gain further knowledge in the management of ruptured aortic aneurysm

11h05-11h13: COMPARATIVE COST ANALYSIS OF AMBULATORY VERSUS INPATIENT ENDOVASCULAR AORTIC REPAIR – Ahmed Naiem
11h13-11h21: IMPACT OF AN EMERGENCY EVAR PROTOCOL ON RUPTURED ABDOMINAL AORTIC ANEURYSM MORTALITY: A SINGLE CENTRE RETROSPECTIVE REVIEW – Melissa Jones
11h21-11h29: EXPLORING ESTIMATED SURGICAL DELAY BASED ON MAXIMUM ACCEPTABLE MORTALITY RISK FOR PATIENTS WITH ASYMPTOMATIC ABDOMINAL AORTIC ANEURYSMS – Nayla Léveillé
11h29-11h37: EFFICACY OF COLD RENAL PERFUSION PROTECTION FOR OPEN COMPLEX AORTIC ANEURYSM REPAIR: A METAANALYSIS – Jeff Grab
11h37-11h45: DYING TO GET THERE: PATIENTS WHO LIVE AT INCREASED DISTANCE FROM THE TERTIARY CENTRE EXPERIENCE INCREASED MORTALITY FOLLOWING ABDOMINAL AORTIC ANEURYSM RUPTURE – Matthew Cooper

11h45-12h05: DISCUSSION PERIOD

12h05-13h05 (EST)

ORAL PRESENTATIONS - SESSION V: PERIPHERAL ARTERY DISEASE 2 (PAD)
Moderator: Dr. Adam Power

Learning Objectives - At the end of this session, participants will be able to:
- Understand the use of antithrombotic therapy in peripheral vascular disease
- Gain further knowledge in techniques for the treatment of peripheral vascular disease
- Gain further knowledge in the treatment of thoracic outlet decompression

12h05-12h13: ANTITHROMBOTIC THERAPY IN FEMALES WITH PERIPHERAL ARTERY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS – Shira A. Strauss
12h13-12h21: TRENDS IN LOWER EXTREMITY REVASCULARIZATION AND AMPUTATION FOR PERIPHERAL ARTERY DISEASE OVER THE LAST TWO DECADES: A POPULATION-BASED TIME SERIES ANALYSIS – Jean Jacob-Brassard
12h21-12h29: PERCUTANEOUS PROXIMAL AXILLARY ARTERY VERSUS FEMORAL ARTERY ACCESS FOR AORTIC AND PERIPHERAL ENDOVASCULAR INTERVENTIONS – Tyler Yan
12h29-12h37: OUTCOMES AFTER RECEIPT OF NEURAXIAL OR REGIONAL ANESTHESIA INSTEAD OF GENERAL ANESTHESIA FOR LOWER LIMB REVASCULARIZATION SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS – Hannah Dreksler
12h37-12h45: OUTCOMES FOLLOWING SUPRACLAVICULAR THORACIC OUTLET DECOMPRESSION WITH FIRST RIB RESECTION – Mohamad Hussain

12h45-13h05: DISCUSSION PERIOD

13h05-13h20 (EST)

BREAK
13h20-13h30 (EST)  
SPONSORED RAPID FIRE SESSION * unaccredited session – see appendix A for details

13h30-14h20 (EST)  
RESEARCH SESSION  
Moderator: Dr. Heather Gill

13h30-13h35: INTRODUCTION TO RESEARCH SESSION -

CSVS 2021 RESIDENT RESEARCH AWARD - Rapid Fire Presentations  
3 Finalists to present to judging panel (5-minute presentation, 2-minute Q&A)

13h35-13h42: PROSPECTIVE NONRANDOMIZED STUDY TO EVALUATE THE ROLE OF AORTO-ILIAC ARTERIAL PRESSURE GRADIENT FOLLOWING EVAR AS AN INTRAOPERATIVE SCREENING TOOL TO DETECT ILIAC LIMB COMPLICATION – Xavier Hommery-Boucher

13h42-13h49: TEXTBOOK OUTCOME FOLLOWING REVASCULARIZATION FOR PERIPHERAL ARTERY DISEASE: A MULTICENTER RETROSPECTIVE COHORT STUDY – Jean Jacob-Brassard

13h49-13h56: UTILIZING MACHINE LEARNING ALGORITHMS TO IDENTIFY ANEMIC PATIENTS FOR RISK STRATIFICATION PRIOR TO VASCULAR SURGERY – Sneha Raju

14h00-14h10: PRESENTATION OF 2021 AWARD WINNERS  
o CSVs Young Investigator Research Award  
o CSVs Clinical Investigator Award  
o CSVs National Student Research Awards

14h10-14h20: RESEARCH UPDATE (presented by Dr. Heather Gill)

14h20-14h50 (EST)  
CSVs INVITED GUEST LECTURE II  
TECHNIQUE VERSUS JUDGEMENT IN THE OUTCOMES OF ENDO TAAA REPAIR – Dr. Tara Mastracci, London, UK  
Learning Objectives - At the end of this session, participants will be able to: TBD

14h50-15h00 (EST)  
BREAK

15h00-15h15 (EST)  
PRESIDENTIAL ADDRESS  
Dr. Karim Alibhai & Introduction of Dr. Luc Dubois, incoming president

15h15-15h25 (EST)  
SPONSORED RAPID FIRE SESSION * unaccredited session – see appendix A for details
Learning Objectives - At the end of this session, participants will be able to:

- Understand racial differences in vascular surgery outcomes
- Gain further insight into long-term outcomes following dialysis graft thrombosis
- Understand predictors for inferior vena cava filter retrieval

15h25-15h33: LONG-TERM OUTCOMES FOLLOWING THROMBOLYSIS OF ARTERIOVENOUS GRAFTS – Ben Li
15h33-15h41: RACIAL DIFFERENCES IN PRESENTATION SEVERITY AND OUTCOMES FOR PATIENTS UNDERGOING MAJOR VASCULAR SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS – Michael Lee
15h41-15h49: STABILIN-2 DEFICIENCY ENHANCES VENOUS THROMBUS SIZE, ALTERS THROMBUS COMPOSITION AND INCREASES PLASMA PROCOAGULANT ACTIVITY IN MICE – Alison Michels
15h49-15h57: PREDICTORS OF INFERIOR VENA CAVA FILTER RETRIEVAL IN POPULATION-BASED CANADIAN COHORT – Konrad Salata
15h57-16h05: TIME UNTIL ELECTIVE OPERATION FOR ENDOVASCULAR AORTIC ANEURYSM REPAIR IN THE CANADIAN VASCULAR QUALITY INITIATIVE – Cristian Rosu

16h05-16h25: DISCUSSION PERIOD

16h25 (EST)
MEETING ADJOURNMENT
APPENDIX A – UNACCREDITED LEARNING ACTIVITIES
SPONSORED RAPID FIRE SESSION

The GORE® TAG® Conformable Thoracic Stent Graft with ACTIVE CONTROL System –
Olsen Horton, PhD
Date: Friday, September 24, 2021
Time: 13h20-13h30 (EST)
Unaccredited Learning Activity
Visit the W.L. Gore & Associates Inc Sponsor Showcase for more details.

New Paradigms in PAD: How to Manage According to the Guidelines and Recommendations – Dr. David Szalay
Date: Friday, September 24, 2021
Time: 15h15-15h25 (EST)
Unaccredited Learning Activity
Visit the Bayer Canada Sponsor Showcase for more details.

Dialysis Endo AVF creation with WavelinQ Device – Dr. Dheeraj Rajan
Date: Saturday, September 25, 2021
Time: 13h20-13h30 (EST)
Unaccredited Learning Activity
Visit the BD Sponsor Showcase for more details.

Vascular Surgeons and Paclitaxel. Where do we stand? – Dr. Thomas Forbes
Date: Saturday, September 25, 2021
Time: 15h15-15h25 (EST)
Unaccredited Learning Activity
Visit the Cook Medical Sponsor Showcase for more details.
The CSVS gratefully acknowledges the support of our scientific program:

**GOLD LEVEL**

- Bayer
- BD
- COOK Medical
- Gore

**SILVER LEVEL**

- Abbott
- Boston Scientific
- CHS
- Endologix
- Medtronic
- 3M
- Sigvaris Group

**BRONZE LEVEL**

- Mölnlycke
- Terumo

**CSVS RESIDENT RESEARCH AWRD**

- BD