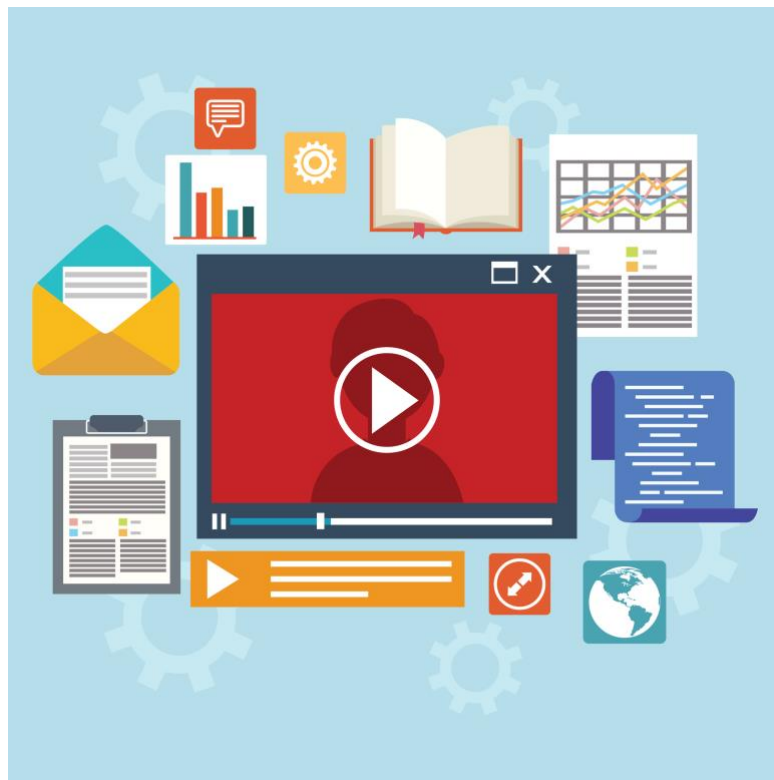




# FINAL PROGRAM

**CSVS 43<sup>rd</sup> 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 43<sup>rd</sup> 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.

# FRIDAY SEPTEMBER 24, 2021 | VENDREDI LE 24 SEPTEMBRE 2021

(all times listed are in EST)

## 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 REVASCLARIZATION 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**

**13h20-13h30 (EST)**

**SPONSORED RAPID FIRE SESSION \* unaccredited session – see appendix A for details**

**13h30-14h00 (EST)**

**CSVS INVITED GUEST LECTURE I**

**SOCIAL DEPRIVATION AND THE FUTURE OF VASCULAR SURGERY – Dr. Tara Mastracci, London, UK**

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

**14h00-15h00 (EST)**

**ANNUAL GENERAL MEETING \*for CSVS members only**

**15h00-15h15 (EST)**

**BREAK**

**15h15-15h25 (EST)**

**SPONSORED RAPID FIRE SESSION \* unaccredited session – see appendix A for details**

**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

# SATURDAY SEPTEMBER 25, 2021 | SAMEDI LE 25 SEPTEMBRE 2021

(all times listed are in EST)

## 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. Yaasin Abdulrehman

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 METANALYSIS** – *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 REVASCLARIZATION 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 REVASCLARIZATION 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**

- CSVS Young Investigator Research Award
- CSVS Clinical Investigator Award
- 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**

**15h25-16h25 (EST)**

**ORAL PRESENTATIONS - SESSION VI: VASCULAR MEDICINE | DIALYSIS | VARIOUS**

*Moderator: Dr. Ahmed Kayssi*

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**

**SEE YOU NEXT YEAR IN VANCOUVER!**

**SEPTEMBER 9-10, 2022**



**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.



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The CSVS gratefully acknowledges the support of our scientific program:

 **GOLD LEVEL**



 **SILVER LEVEL**



 **BRONZE LEVEL**



**CSVS RESIDENT RESEARCH AWARD**

