

# CSCP

NATIONAL MEETING VANCOUVER



OCTOBER 2017

Coast Coal Harbour Hotel

1180 West Hastings St. Vancouver, BC V6E 4R5

ANNUAL GENERAL MEETING AND  
SCIENTIFIC SESSIONS

19<sup>th</sup> - 22<sup>nd</sup>

# CSCP

## MISSION STATEMENT

The mission of the Canadian Society of Clinical Perfusion is to encourage and foster the development of Clinical Perfusion through education and certification, so as to provide optimum patient care.

# THURSDAY

OCTOBER 19<sup>TH</sup>

1200 - 1630

CSCP Certification Examination – Coast Coal Harbour Hotel – Cypress Room

Exam candidates MUST arrive 15 minutes early with government issued I.D.

# FRIDAY

OCTOBER 20<sup>TH</sup>

0700 – 0800

Breakfast Session - Coast Coal Harbour Hotel – Ballroom B

[Breakfast Session Sponsored by Abiomed](#)

## **Mechanical Percutaneous Circulatory Support**

Seth Bilazarian, Chief Medical Officer at Abiomed, Danvers, MA, USA

0800 - 0815

## **ABO Incompatible Transplant - Exchange Transfusion CPB Setup**

Susan Cameron, BSc, CPC, Mazankowski Alberta Heart Institute

# 2<sup>ND</sup> ANNUAL ECMO DAY

0900 - 0930

ECMO Day Registration - Vancouver General Hospital – 899 West 12th Avenue  
Paetzold Auditorium

Coffee / light snacks available

0930 - 0940

Introduction to Day

Speaker: Dave Nagpal

0940 - 1000

## **Group Session 1: ECMO: State of the art**

Speaker: Dr. Rohit Singal

1000 - 1040

## **Group Session 2: ECMO Assisted CPR**

Speaker: Dr. Hussein Kanji

## **E-CPR for in-house cardiac arrest**

Speaker: Dr. Gord Finlayson

## **E-CPR for out of hospital cardiac arrest**

Speaker: Dr. Yoan Lamarche

1040 - 1100

Break

1100 - 1125

## **Challenges and Solutions in E-CPR**

Speaker: Dr. Anson Cheung

1125 - 1155

### **Pro and Con Debate:**

- To E-CPR or not to E-CPR - is that the question?
- When is enough enough?

Speaker: Pro: Dr. Gurmeet Singh / Con: Dr. Anique Ducharme

1155 - 1200

### **Morning Wrap-up**

Moderator: Dr. Hussein Kanji

1200 - 1245

Lunch in the Atrium

1245 - 1340

## **Group Session 3: VV and VA ECMO**

### **Program set up & Canadian Experience**

Moderator: Dr. Rakesh Arora

1340 - 1530

Breakout Sessions (30 mins each with 5 min move time)

Room 1 (Multipurpose room)

### **VV ECMO Simulation**

Dr. Hussein Kanji & Mrs. Amandeep Sidhu, Chief Perfusionist, VGH

Room 2 (Paezthold Auditorium)

### **Nuts and Bolts of ECMO**

### **HR models of ECMO staffing**

Mr. Robert Leslie, Chief Perfusionist at RCH and Dr. Dave Nagpal

Room 3 (Multipurpose room)

**VA ECMO Simulation**

Dr. Gord Finlayson and Mrs. Victoria Harris, ECMO coordinator VGH

1530 - 1550

Break

1550 - 1610

**Group Session 4: Frontiers of ECMO**

**Mobile ECMO**

Speaker: Mr. Cyril Serrick, Chief Perfusionist TGH

Moderator: Dr. Dave Nagpal

1610 - 1650

**ECMO Controversies & Conundrums**

Moderator with panel discussion.

Panel discussion: Dr. Jean-François Légaré, Dr. Yoan Lamarche, Dr. Dave Nagpal, Dr. Hussein Kanji, Dr Rakesh Arora

1650 - 1700

**Wrap up**

Moderator: Dr. Dave Nagpal

1730

**Bus to CSCP Corporate Exhibit and Cocktail Reception**

1800 - 2200

**CSCP Sponsored Exhibit and Cocktails**

Location: Coast Coal Harbour Hotel 3rd Floor Ballroom B

Discussions on Product Displays – Food and cash bar. Come share a great evening of social activities with our Corporate Sponsors and see the latest technology in perfusion equipment and devices.

# SATURDAY

OCTOBER 21<sup>ST</sup>

0700 – 1400

Corporate Sponsors Exhibit – Coast Harbour Hotel – Ballroom B

0700 – 0845

Breakfast at the Corporate Sponsor's Exhibit - Coast Coal Harbour Hotel - Ballroom B

\*\*Sign-up sheets available at the registration desk for Sunday morning breakout sessions\*\* (Limit of 20 participants per group)

0845 – 1800

Scientific Sessions and Annual General Meeting - Ballroom A

Moderator: Greg Brown

0845 – 0900

## Opening Remarks

CSCP President, Roger Stanzel, CMOC Chair, Greg Brown, and exiting CMOC Chair, Bill O'Reilly

0900 – 0930

## Refractory Methemoglobinemia in an ECMO patient: a case report

Bill McKeown, CPC. Kelowna General Hospital, Kelowna, BC

0930 – 1000

## Rejuvenation of allogenic blood: Potential benefits and applications in cardiac surgery and cardiac care settings

Luke Harris, MSc, CPC, LPC, St.Paul's Hospital, Vancouver, BC

1000 – 1030

## E-CPR Program at St-Paul's Hospital

Luke Harris, MSc, CPC, LPC, St. Paul's Hospital, Vancouver, BC

1030 – 1045

Break – Exhibit Hall – Ballroom B

1045 – 1115

## POC Made Easy

Roger Stanzel, CPC, PhD, Adjunct Professor, Dept of Surgery, Dalhousie University, Halifax, NS

1115 – 1145

**Simultaneous Hybrid Arch, Frozen Elephant Trunk, Thoraco Abdominal Aortic Aneurysm Repair**

Michael O'Neil, PhD (C), MSc, RRT, BHK, CPC, CCP, Clinical Perfusion Services, London Health Sciences Centre, London, ON

1145 – 1215

**Exvivo Perfusion: Where are we going?**

Cyril Serrick, MSc, CPC, CCP, University Health Network, Toronto, ON

1215 - 1345

Lunch Sponsored by Ebbtides Medical Inc.

**Optimal Device for Carbon Dioxide De-Airing:**

Marie-Soleil Brosseau, BHSc, CPC., Institut de Cardiologie de Montréal, Montréal, Quebec

**Use of Carbon Dioxide in Cardiac Surgery**

Dr. Anson Cheung, MD, MSc, FRCSC, Cardiac Surgery, St. Paul's Hospital, Vancouver, BC

**The Potential of UV-C Radiation for the In-Line Treatment of Re-circulating Waters in Specialized Medical Equipment in Order to Achieve Pathogen Reduction - Reduction of Mycobacteria Using the Elli UV (MES-600 series) UV-C Water Treatment System**

Dr. Luisa Ikner, PhD, Molecular Biology, Microbiology Lab Manager at the Water and Energy Sustainable Technology Centre, University of Arizona, USA

1345 - 1800

Scientific Presentations - Coast Coal Harbour Hotel – Ballroom A

Moderator: Sunny Dhillon

1345 – 1415

**Cardioplegia temperature: how low do you go?**

Mélissa Goulet, BScN, Étudiante, Programme de Perfusion, Université de Montréal, Montréal, QC.

1415 – 1445

**Benefits of using ECPR for cardiac arrest patients: a systematic review**

Ali Ballout, Étudiant, Programme de Perfusion, Université de Montréal, Montréal, QC.

1445 - 1515

### **Hemostasis management by the HMS Plus**

Alex Robinette, Étudiant, Programme de Perfusion, Université de Montréal, Montréal, QC.

1515 – 1545

### **CPB Case Report: Management of Antiphospholipid Syndrome with the HMS Plus System**

Fanny Lange, BSc, DESS, PEC, CPC, Hôpital Sacré-Coeur de Montréal, Montréal, QC

1545 - 1615

### **Esmolol as an Adjuvant to Traditional Cardioplegia**

Christie Zammit, BSc, Cardiovascular Perfusion Student, The Michener Institute of Education at UHN, Toronto, ON

1615 - 1630

Break

1630 – 1800

### **CSCP Annual Business Meeting – all members invited to attend.**

1900 – 0100

### **Annual CSCP Banquet and Awards Night**

#### **Golf Simulation Night**

OneUnder – Urban Golf Club, 476 Granville St, Vancouver, BC.

# SUNDAY

## OCTOBER 22<sup>ND</sup>

Breakfast and Scientific Presentations - Coast Coal Harbour Hotel – Ballroom A

0730-0830

Breakfast Session Sponsored by Instrumentation Laboratory

### **Introducing the GEM Premier 5000 - Mr. Bill Kennedy**

0830 - 1000

### **Special breakout discussion forums – 4 separate sessions for open discussions.**

**Cardioplegia:** Moderators - Peter Allen & Bill O'Reilly

(Room: Grouse 4th floor)

**Ventricular Assist Device:** Moderators - Graham Walsh & Annie Bedard (Room: Seymour 4th floor)

**Transcatheter Aortic Valve Implantation:** Moderators - Amandeep Sidhu & Greg Brown

(Room: Cypress 4th floor)

**Point of Care:** Moderators - Doug Israel & Roger Stanzel

(Room: Ballroom A)

1000- 1015

Break

1015 – 1145

**Special breakout discussion forums – 4 separate sessions for open discussions.**

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**Point of Care:** Moderators - Doug Israel & Roger Stanzel

(Room: Ballroom A)

1145 – 1300

Lunch Sponsored by Medtronic of Canada

**Colleges in Perfusion's Future**

Panel Discussion: Roger Stanzel, Peter Allen, Amandeep Sidhu

1300 – 1800

Scientific Presentations - Coast Coal Harbour Hotel – Ballroom A

Moderator: Bill Gibb

1300 – 1330

**Clinical and *In vitro* Evaluations of Contemporary Oxygenators**

Roger Stanzel, CPC, PhD, Adjunct Professor, Dept of Surgery, Dalhousie University, Halifax, NS.

1330 – 1430

**Perfusion-Surgeon Communication with KBC**

Candice Kalin, CCP, LP, WellStar Health System, Marietta, Georgia, USA and Dr. William Cooper, MD, MBA, Medical Director, Cardiovascular Surgery, WellStar Health System, Marietta, Georgia, USA

1430 - 1530

### **AmSECT University**

Dawn Oles, Director AmSECT University, MHPE, CCP, LP

1530 - 1545

Break

1545 - 1615

### **Pediatric CPB circuit primes, solutions, drug additions, process and potential dangers.**

Neil Casey, LPC, CPC, British Columbia Children Hospital, Vancouver, BC

1615 – 1645

### **High Hematocrit Hemoconcentration of Residual Pump Volume Techniques and Outcomes.**

Neil Casey, LPC, CPC, British Columbia Children Hospital, Vancouver, BC

1645 – 1715

### **Predictive Oxygenation: Keeping tight control over your PaO<sub>2</sub>'s during CPB**

Carole Hamilton, ECCP, Emeritus CCP, Dipl. KT, Vogtareuth Schoen Clinic, Germany

1715 - 1745

### **Hydrogen Peroxide Transfer in Membrane Oxygenators: Observational Evaluation**

Anas Hanif, BSc., Student, Cardiovascular Perfusion Program, The Michener Institute of Education at UHN

Tyson McLeish, BSc, Student, Cardiovascular Perfusion Program, The Michener Institute of Education at UHN

1745 – 1800

### **Closing Remarks**

CSCP President, Roger Stanzel

ECMO Day will be held at:

Vancouver General Hospital,  
Paetzold Auditorium  
899 West 12th Ave.  
Vancouver, BC

The Scientific Sessions and the  
Corporate Sponsors Exhibit will  
be held at:

Coast Coal Harbour Hotel  
1180 West Hastings St.  
Vancouver, BC V6E 4R5

A total of 28.7 Class I CEU's are  
granted for this meeting.

Each participant is responsible to  
sign-in for both the Morning and  
Afternoon sessions to receive full  
credits.

Friday, October 20th - 8.3

Saturday, October 21st - 8.4

Sunday, October 22nd - 12

**Total Meeting CEU's - 28.7**



The Canadian Society of Clinical Perfusion | La Société Canadienne de Perfusion Clinique

[cscp.ca](http://cscp.ca)