

CANADIAN CARDIOVASCULAR CONGRESS 2016

Heart Institute Presentations and Activities Schedule



SATURDAY, OCTOBER 22

CCS TRAINEE DAY

SPEED MENTORING 9:10 – 11:20 WESTIN (VIGER)

Session Mentor: Michael Froeschl

CCS ePOSTER SESSION

ANTIPLATELET THERAPY AND ACS 10:30 – 18:00 COMMUNITY FORUM (PCM 220 C-E) SCREEN 8

17:30 ISCHEMIC AND BLEEDING OUTCOMES AFTER CORONARY ARTERY BYPASS GRAFTING AMONG PATIENTS INITIALLY TREATED WITH A P2Y<sub>12</ sub> RECEPTOR ANTAGONIST FOR ACUTE CORONARY SYNDROMES - INSIGHTS ON THE USE OF TICAGRELOR VERSUS CLOPIDOGREL PRIOR TO SURGERY

Juan Russo

CACPR ePOSTER SESSION

ePOSTERS I 10:30 – 18:00 COMMUNITY FORUM (PCM 220 C-E) SCREEN 13

10:30 LONG-TERM IMPACT OF ICD ADVISORY LEAD FRACTURE ON PSYCHOLOGICAL HEALTH: A 5-YEAR FOLLOW-UP Heather Tulloch

15:30 HEALING HEARTS TOGETHER: A PILOT INTERVENTION PROGRAM FOR CARDIAC PATIENTS AND THEIR PARTNERS

CCS ePOSTER SESSION

INFLAMMATORY AND NEUROHUMORAL IMAGING 10:30 – 18:00

COMMUNITY FORUM (PCM 220 C-E) SCREEN 1

10:45 COMPARISON OF THE TWO METHODS FOR THE VASCULAR INFLAMMATION USING FDG PET/CT OF THE AORTA Girish Dwivedi

CCS TRAINEE DAY

NETWORKING LUNCH & PITCH YOUR SCIENCE COMPETITION 11:30 – 14:00 WESTIN (GRANDE PLACE)

Speaker: Marc Ruel

CCS HIGHLIGHTED ePOSTER SESSION

HIGHLIGHTED RESEARCH IN CORONARY ARTERY DISEASE 12:30 – 13:30 COMMUNITY FORUM (PCM 220 C-E) THEATRE A

Co-Chair: Christopher Glover

CCS HIGHLIGHTED ePOSTER SESSION

STEM CELLS AND SUCH: BASIC SCIENCE STUDIES IN HEART FAILURE 12:30 – 13:30 COMMUNITY FORUM (PCM 220 C-E) THEATRE B

13:06 COCOONING EXPLANT-DERIVED CARDIAC STEM CELLS WITHIN HYDROGEL MICROCAPSULES PROMOTES CELL SURVIVAL AND THERAPEUTIC REGENERATION IN ADVANCED ISCHEMIC CARDIOMYOPATHY

CSCS ORAL SESSION

CABG AND ATRIAL FIBRILLATION 14:00 – 15:30 PCM 518

Co-Chair: Fraser Rubens

14:00 IS THERE GENDER DISCRIMINATION IN CORONARY REVASCULARIZATION? A SINGLE CENTER RETROSPECTIVE ANALYSIS OF MULTIPLE ARTERIAL CORONARY GRAFTING H Jabagi, D Tran, D Glineur, FD Rubens

CACPR WORKSHOP

A NEW KID ON THE BLOCK: WEARABLES FOR PRESCRIBING AND MONITORING PHYSICAL ACTIVITY 16:00 – 17:00 PCM 513 D

Speaker: Jennifer Reed

CCS PLENARY SESSION

FEEL BETTER, WORK BETTER: EQ IN CARDIAC SCIENCES 16:00 – 17:30 PCM 516 CDE

Speaker: Rob Beanlands

CCS ORAL SESSION

SARCOID, SYNCOPE AND SUDDEN DEATH 16:00 – 17:30 PCM 514 A

16:45 SENSITIVITY AND SPECIFICITY OF CHEST IMAGING FOR SCREENING OF SARCOIDOSIS IN

CCS ePOSTER SESSION

CANADIAN SCIENCE OF VASCULAR DISEASE 10:30 – 18:00

COMMUNITY FORUM (PCM 220 C-E) SCREEN 9

17:15 SELEXIPAG FOR PULMONARY ARTERIAL HYPERTENSION ASSOCIATED WITH CONGENITAL HEART DISEASE (PAH-CHD) AFTER DEFECT CORRECTION: INSIGHTS FROM THE RANDOMISED CONTROLLED GRIPHON STUDY Lisa Mielniczuk

17:30 CONTEMPORANEOUS RESULTS OF SLOW PATHWAY ABLATION FOR ATRIOVENTRICULAR NODAL TACHYCARDIA IN A HIGH VOLUME TERTIARY REFERRAL CENTRE Calum Redpath S Parent, P Kanda, DR Davis

CACPR ABSTRACT SESSION

CARIOVASCULAR RISK FACTORS 13:30 – 14:30 PCM 516 AB

TRAUMATIC STRESS AND TYPE D PERSONALITY MEDIATES THE RELATIONSHIP BETWEEN ATTACHMENT STYLE AND HEALTH OUTCOMES IN CARDIAC REHABILITATION PATIENTS Adam Heenan

CANADIAN CARDIOVASCULAR CRITICAL CARE SOCIETY WORKSHOP

THE MEDICAL MANAGEMENT OF CARDIOGENIC SHOCK: A MINI-DEBATE SERIES 14:00 – 15:03 PCM 520 BCEF

Speaker: Michel Le May

PATIENTS WITH CARDIAC PRESENTATIONS: INSIGHTS FROM THE CHASM-CS REGISTRY

JJ Russo, PB Nery, AC Ha, J Healey, L Rivard, M Friedrich, L Gula, G Wisenberg, R deKemp, S Chakraborty, TW Hruczkowski, R Quinn, G Dwivedi, R Beanlands, DH Birnie

17:00 PROGNOSTIC VALUE OF MAGNETIC RESONANCE IMAGING IN CLINICALLY SILENT CARDIAC SARCOIDOSIS: A META-ANALYSIS D Belliveau, DH Birnie, GM Nair, C Dennie, C Redpath, A Szczotka, G Dwivedi, RS Beanlands, G Wells, PB Nery

Be sure to verify times and locations in the official CCC program.

CSCS ORAL SESSION

CSCS VIDEO ABSTRACT SESSION 16:00 – 17:30 PCM 518

16:00 BICUSPID AORTIC VALVE REPAIR: EXTERNAL AORTIC VALVE ANNULOPLASTY H Toeg, F Hage, B Sohmer, M Boodhwani

16:45 MINIMALLY INVASIVE CORONARY ARTERY BYPASS GRAFTING: THE MID-TERM OUTCOMES AND LEARNING CURVE EFFECT ML Rodriguez, H Lapierre, B Sohmer, D Glineur, M Ruel

CCS ORAL SESSION

TRANSCATHETER AORTIC VALVE REPLACEMENT: FROM ASSESSMENT TO QUALITY INDICATORS 16:00 – 17:30 PCM 514 B

16:45 TRANSCATHETER AORTIC VALVE IMPLANTATION (TAVI) IN NATIVE AORTIC VALVE REGURGITATION: A SYSTEMATIC REVIEW

ZD MacDonald, A Yousef, T Simard, JJ Russo, J Feder, MV Froeschl, A Dick, C Glover, IG Burwash, B Hibbert, M Labinaz

CCS HIGHLIGHTED ePOSTER SESSION

STRATEGIES FOR ADRESSING CARDIOVASCULAR RISK 17:00 – 18:00

Community Forum (PCM 220 C-E) Theatre B

Co-Chairs: Kerri-Anne Mullen, Andrew Pipe

17:24 OBJECTIVELY MEASURED SEDENTARY TIME AND ITS ASSOCIATION WITH MARKERS OF HEALTH AMONG A SAMPLE OF CANADIAN FEMALE NURSES: AN ANALYSIS OF THE CHAMPLAIN NURSES STUDY SA Prince, RD Reid, LM Cotie, JL Reed

CCC ACCREDITED SYMPOSIUM

REDESIGNING CARE THROUGH A HEART TEAM APPROACH 17:30 – 18:30 PCM 515

Chair: Ross Davies

Faculty: Ross Davies, Thierry Mesana, Heather Sherrard, Rob Beanlands

Heart Teams ensure better and faster access to care by focusing on what is best for each individual patient and integrating the combined expertise of highly skilled healthcare professionals from various specialties. This special event will explore the clinical impact of a heart team approach.

HEART INSTITUTE 40TH ANNIVERSARY COCKTAIL RECEPTION

19:00

InterContinental Hotel

To commemorate our 40-year history, **Heart Institute staff and alumni** are invited to join us for a special cocktail reception to celebrate our achievements over the years!

(RSVP REQUIRED: communications@ottawaheart.ca)

SUNDAY, OCTOBER 23

CCC ACCREDITED SYMPOSIUM

CARDIOVASCULAR GENETICS IN 2016: WHAT THE PRACTITIONER NEEDS TO KNOW 7:00 – 8:00

CCS ORAL SESSION

SECONDARY ACS DIAGNOSIS AND MANAGEMENT 09:00 – 10:30 PCM 514 B

10:00 IMPACT OF MEAN ARTERIAL PRESSURE ON CLINICAL OUTCOMES IN COMATOSE SURVIVORS OF OUT-OF-HOSPITAL CARDIAC ARREST: INSIGHTS FROM THE UNIVERSITY OF OTTAWA HEART INSTITUTE ROSC REGISTRY

JJ Russo, TE James, C Osborne, B Hibbert, A Yousef, MP Froeschl, DY So, M Labinaz, A Chong, C Glover, J Marquis, MR Le May

CCS ORAL SESSION

MAN VS MACHINE: TRANSPLANT AND VADS 9:00 – 10:30 PCM 513 A

Co-Chair: Sharon Chih

Trainee Research Award Finalist - Clinical Science 9:15 ASSESSMENT OF CARDIAC ALLOGRAFT VASCULOPATHY USING RUBIDIUM-82 CARDIAC POSITRON EMISSION TOMOGRAPHY F Erthal, C Aun Yeong, R deKemp, L Mielniczuk, R Davies, E Stadnick, R Beanlands, S Chih

10:15 THE IMPACT OF SENSITIZATION AND 4S PRIORITIZATION ON HEART TRANSPLANTATION WAITING TIMES N Aleksova, H Ross, L Mielniczuk, RA Davies, E Stadnick, S Chih

CCS ePOSTER SESSION

GLYCEMIC AND CHOLESTEROL STATE IN PREVENTION 10:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) SCREEN 13

10:30 EFFECTS OF A GLOBAL CARDIOVASCULAR RISK REDUCTION PROGRAM ON PATIENTS WITH PREVIOUSLY UNIDENTIFIED DYSGLYCEMIA Courtney Westcott

CCCN ePOSTER SESSION

SESSION I 10:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) SCREEN 9

16:00 KEY LEARNER Sueann Tiller

CCS ePOSTER SESSION

CLINICAL PEARLS IN HEART FAILURE 10:30 – 16:30

COMMUNITY FORUM (PCM 220 C-E) SCREEN 6

10:45 CAN HEART RATE PLUS 20/30 BE USED TO PRESCRIBE APPROPRIATE EXERCISE INTENSITY AND IMPROVE FUNCTIONAL CAPACITY FOR PATIENTS WITH HEART FAILURE IN CARDIAC REHABILITATION Jennifer Reed

CCS ePOSTER SESSION

NON-ATHEROSCLEROTIC ACS 10:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) SCREEN 8

15:45 INCIDENCE AND CLINICAL IMPLICATIONS OF PNEUMONIA IN COMATOSE SURVIVORS OF OUT-OF-

CSCS ePOSTER SESSION

Juan Russo

HOSPITAL CARDIAC ARREST

SURGERY ePOSTERS 10:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) SCREEN 1

CACPR ORAL ABSTRACT SESSION

INNOVATION IN CARDIAC REHAB 11:00 – 11:45 PCM 513 B

DOES CARDIAC REHABILITATION IMPROVE QUALITY OF LIFE IN PATIENTS WITH ATRIAL FIBRILLATION? IS IT TIME TO CHANGE PRACTICE? Jennifer Reed

CCCN CONCURRENT SESSION 2

TAVI 11:00 – 12:30 PCM 513 C

11:20 TRANSITIONAL CARE POST TAVI: BRIDGING GAPS AND IMPROVING OUTCOMES Sandra Wong

CCCN CONCURRENT SESSION 3

CQI 11:00 - 12:30 PCM 513 D

12:00 WHAT BRINGS YOU IN TODAY? Bonnie Bowes

CCCN CONCURRENT SESSION 4

HEART FAILURE 11:00 – 12:30 PCM 513 E

11:00 GUIDELINES APPLIED IN PRACTICE (GAP): A REGIONAL APPROACH TO BEST PRACTICES IN HEART FAILURE MANAGEMENT Sueann Tiller

CCS WORKSHOP

CCS 2016 POSITION STATEMENT: OPTIMAL CARE OF THE POST ARREST PATIENT 11:00 – 12:30 PCM 516 AB

Speaker: Michel Le May

CCS ORAL SESSION

TRAINEE RESEARCH AWARD FINAL - BASIC SCIENCE 12:30 – 14:00 PCM 514 A

Judge: Darryl Davis

CCCN CONCURRENT SESSION 9

HEALTH SERVICES 14:00 – 15:30 PCM 513 E

14:00 READMISSION RATES UNDER THE MICROSCOPE Heather Sherrard

14:40 HEART TEAMS: MOVING BEYOND WORKING TOGETHER Heather Sherrard

CSCS ORAL SESSION

CARDIAC SURGERY AT LARGE 14:00 – 15:30 PCM 516 CDE

14:45 PREDICTORS OF LEFT VENTRICULAR RECOVERY FOLLOWING SURGICAL INTERVENTION FOR AORTIC INSUFFICIENCY

S Mohajeri, K McLean, J Kapralik, V Chan, T Coutinho, M Boodhwani

15:15 HOW DURABLE IS REPAIR OF DEGENERATIVE MITRAL REGURGITATION IN THE YOUNG? V Chan, E Elmistekawy, M Ruel, M Hynes, D Glineur,

PCM 518

Faculty: Julie Rutberg

CCS WORKSHOP

A SESSION FOR ECG LOVERS: "CLUES FOR DIFFICULT CASES" 9:00 – 10:00 PCM 518

Speaker: Martin Green

10:30 INCIDENCE OF STERNAL WOUND INFECTION FOLLOWING TRACHEOSTOMY IN CARDIAC SURGERY PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS Hadi Toeg

CSCS ePOSTER SESSION

VASCULAR ePOSTERS 10:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) SCREEN 1

10:45 INCREASE NEUTROPHIL EXTRACELLULAR TRAPS (NETS) RELEASE IN PATIENTS WITH HEART FAILURE AND DIABETES Branka Vulesevic l Mesana

CCS ORAL SESSION

ATRIAL FIBRILLATION ABLATION 14:00 – 15:30 PCM 513 A

14:15 CHARACTERISTICS AND PREDICTORS OF ELECTRICAL RECONNECTIONS COMPARING CONTACT FORCE (CF) VERSUS NON CF GUIDED PVI C Yeo, Z MacDonald, D Birnie, P Nery, C Redpath, M Sadek, G Nair

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CCS HIGHLIGHTED ePOSTER SESSION

IMAGING ATHEROSCLEROSIS 15:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) THEATRE B

Co-Chair: Alexander Dick

15:45 APPROPRIATE USE CRITERIA FOR CARDIAC COMPUTED TOMOGRAPHY: IMPACT ON DIAGNOSTIC UTILITY

K Bami, M Premaratne, J Lamba, Y Yam, A Hossain, M Keenan, T Haddad, S Anand, IG Burwash, TD Ruddy, G Dwivedi, BJ Chow

CCS PLENARY SESSION

THE GREAT STETHOSCOPE DEBATE 16:30 – 17:30 PCM 517 A

STETHESCOPE EXAMS - TRIED-AND-TRUE - PRO Lyall Higginson

MONDAY, OCTOBER 24

CSCS ORAL SESSION

AORTIC VALVE SURGERY 8:00 – 9:30 PCM 518

Co-Chair: Munir Boodhwani

8:00 CUSP INTERVENTIONS IN AORTIC VALVE REPAIR: ARE ALL PERICARDIAL PATCHES CREATED EQUALLY? JM Ngu, R Jafar, HD Toeg, B Sohmer, V Chan, M Labrosse, M Boodhwani

CANADIAN CARDIAC TRANSPLANT NETWORK WORKSHOP

PLEASE HELP: I THINK MY PATIENT NEEDS A VAD 9:00 – 10:30 PCM 524

Speaker: Lisa Mielniczuk

CCCN CONCURRENT SESSION 10

ACUTE CORONARY SYNDROME 9:00 – 10:30 PCM 513 C

10:00 UNDERSTANDING THE OPTIMIZATION ISSUES FACING PATIENTS ON ANTICOAGULATION THERAPY Heather Sherrard

CCCN CONCURRENT SESSION 12

HEART FAILURE 9:00 – 10:30 PCM 513 E

9:00 THE HEART FAILURE TRANSITIONAL CARE NURSING MODEL: PREVENTING AVOIDABLE READMISSIONS Amy Charlebois

9:40 PREVENTING HEART FAILURE PATIENT HOSPITALIZATIONS: THE NURSE-LED HEART FAILURE RAPID INTERVENTION CLINIC Amy Charlebois

CCS WORKSHOP

CCS/CHRS 2016 GUIDELINE: UPDATE ON CIED FOR THE MANAGEMENT OF VENTRICULAR ARRHYTHMIAS, SUDDEN DEATH AND COMMON CLINICAL SCENARIOS 9:00 – 10:30 PCM 516 AB

CCS ePOSTER SESSION

STEM CELLS ARE STILL SEXY: HEART FAILURE BASIC SCIENCE 10:30 – 16:15

COMMUNITY FORUM (PCM 220 C-E) SCREEN 6

10:30 GLYOXYLASE 1 OVER EXPRESSION ATTENUATES THE ADVERSE EFFECTS OF CHRONIC HYPERGLYCEMIA ON THE THERAPEUTIC REGENERATION BY EXPLANT DERIVED CARDIAC STEM CELLS Melanie Villanueva

15:30 CARDIAC STEM CELLS CULTURED IN SERUM-FREE CONDITIONS PROVIDE A SUPERIOR CELL PRODUCT FOR CLINICAL TRANSLATION Seth Mount

16:00 INCREASING COCOON DENSITY PROMOTES POST ISCHEMIC REPAIR BY ENCAPSULATED EXPLANT-DERIVED CARDIAC STEM CELLS Pushpinder Kanda

CCS WORKSHOP

COMPETENCY BY DESIGN: THE NEXT GENERATION 11:00 – 12:30 PCM 516 CDE

Speaker: Fraser Rubens

CSCS ORAL SESSION

BIOMARKERS AND IMAGING IN VALVULAR HEART DISEASE 11:00 – 12:30 PCM 514 B

Co-Chair: Ian Burwash

CCS HIGHLIGHTED ePOSTER SESSION

ACS TREATMENT AND BLEEDING COMPLICATIONS 12:30 – 13:30

COMMUNITY FORUM (PCM 220 C-E) THEATRE A

12:30 ISCHEMIC AND BLEEDING OUTCOMES AFTER CORONARY ARTERY BYPASS GRAFTING AMONG PATIENTS INITIALLY TREATED WITH A P2Y12 RECEPTOR ANTAGONIST FOR ACUTE CORONARY SYNDROMES - INSIGHTS ON TIMING OF DISCONTINUATION OF TICAGRELOR AND CLOPIDOGREL PRIOR TO SURGERY JJ Russo, TE James, M Ruel, J Dupuis, K Singh, D Goubran, N Malhotra, V Chan, A Chong, B Hibbert, J Tanguay, M Lordkipanidzé, L Perrault, G Wells, M Bourke, F Rubens, DY So

CCS HIGHLIGHTED ePOSTER SESSION

ATRIAL FIBRILLATION ABLATION 12:30 – 13:30

COMMUNITY FORUM (PCM 220 C-E) THEATRE B

12:54 PREVALENCE OF PULMONARY VEIN ELECTRICAL RECONNECTION AFTER SURGICAL ATRIAL FIBRILLATION ABLATION: A MULTICENTER STUDY

PB Nery, JF Roux, JF Sarrazin, BK Lam, GM Nair, H Samardhi, CJ Redpath, MM Sadek, MS Green, DH Birnie

CCC ACCREDITED SYMPOSIUM

(RE)DEFINING SUCCESS IN HEART-FAILURE MANAGEMENT IN CANADA: IMPROVING OUTCOMES ALONG THE PATIENT JOURNEY 12:30 – 14:00 PCM 517 D

Chair and Faculty: Peter Liu

CSCS WORKSHOP

ADVANCED CORONARY REVASCULARIZATION:

CCS ORAL SESSION

IMPLANTABLE CARDIAC DEFIBRILLATORS 14:00 – 15:30 PCM 514 A

Co-Chair: Calum Redpath

CCS PLENARY SESSION

RESEARCH IN A DIFFICULT SPACE: TIPS FOR SUCCESS 14:00 – 15:30 PCM 516 CDE

Speaker: Rob Beanlands

CCS HIGHLIGHTED ePOSTER SESSION

CANADIAN CLINICAL RESEARCH ABOUT NON-CORONARY VASCULAR DISEASE 15:30 – 16:30

COMMUNITY FORUM (PCM 220 C-E) THEATRE C

15:42 HOW ROBUST ARE THE NATURAL HISTORY DATA OF ASCENDING AORTIC ANEURYSM? A SYSTEMATIC REVIEW AND FAILED META-ANALYSIS M Guo, H Smith, M Ouzounian, M Boodhwani, AJ Gregory, EJ Herget, R Saczkowski, J Appoo

CCS HIGHLIGHTED ePOSTER SESSION

NON-INVASIVE SCREENING 15:30 – 16:30 COMMUNITY FORUM (PCM 220 C-E) THEATRE A

Co-Chair: Terrence Ruddy

TUESDAY, OCTOBER 25

CCS WORKSHOP

END OF LIFE CARE, PACEMAKER DEACTIVATION AND MEDICAL ASSISTANCE IN DYING: AN EMERGING PARADIGM OF CIED CARE IN CANADA 8:00 – 9:30 PCM 520 BCEF

Speaker: Calum Redpath

CCS WORKSHOP

IMAGING THE PATIENT WITH CONGENITAL HEART DISEASE. A GUIDE FOR THE NON-CONGENITAL CARDIOLOGIST 8:00 – 9:30 PCM 524

Speaker: Luc Beauchesne

Speakers: David Birnie, Pablo Nery

CACPR ORAL SESSION

PHYSICAL ACTIVITY AND PREVENTION: IT'S ALL LINKED 9:00 – 10:30 PCM 514 A

Co-Chair: Robert Reid

MOVING BEYOND THE OBVIOUS 14:00 – 15:30 PCM 516 CDE

Speakers: David Glineur, Marc Ruel

CCS SPOTLIGHT SESSION

CANADIAN SOCIETY FOR CARDIOVASCULAR NUCLEAR AND CT IMAGING: CONTROVERSIES IN CARDIAC IMAGING - WHICH TEST BEST PREDICTS OUTCOME WITH CAD - ANATOMY OR FUNCTION? 14:00 – 15:30 PCM 524

Co-Chairs: Ross Davies, Benjamin Chow

Be sure to verify times and locations in the official CCC program.

UNIVERSITY OF OTTAWA HEART INSTITUTE INSTITUT DE CARDIOLOGIE DE L'UNIVERSITÉ D'OTTAWA

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