



CAEP 2017 Final Program – Wednesday, June 7, 2017

All conference sessions will be held at the Whistler Conference Centre unless otherwise noted.

W = Westin; H = Hilton; WCC = Whistler Conference Centre

TIME	LOCATION	EVENT	SPEAKER
08:00 – 11:00	WCC: Coat Check, Upper Level	Registration	
08:30 – 10:30		Concurrent Sessions	
08:30 – 10:30	Fitzsimmons	Track 1 – Research <i>Track Chair: Dr. Jeff Perry, Moderator: Dr. Patrick Archambault</i>	
08:30 – 08:40		LO79 – Patient-centred outcomes with use of CT angiography in patients presenting with acute stroke and TIA: A systematic review and meta-analysis	<i>Ms. Siying Li</i>
08:40 – 08:50		LO80 – Chest radiograph ordering for acute asthma presentations to emergency departments in Alberta: Regional, site, and physician level variation	<i>Dr. Lynette Krebs</i>
08:50 – 09:00		LO81 – Optimizing the use of CT scanning for pulmonary embolism in the emergency department	<i>Dr. Sameer Sharif</i> <i>CAEP-CanVECTOR Research Abstract Award</i>
09:00 – 09:10		LO82 – The accuracy and prognostic value of point-of-care ultrasound for renal colic: A systematic review	<i>Dr. Charles Wong</i>
09:10 – 09:20		LO83 – Effectiveness of implementing evidence based interventions to reduce C-spine imaging in the emergency department: A systematic review	<i>Mr. Shashwat Desai</i>
09:20 – 09:30		LO84 – Computed tomography use for headache presentations to emergency departments in Alberta: Regional, site and physician level variation	<i>Dr. Lynette Krebs</i>
09:30 – 09:40		LO85 – Substantial variation in CTPE ordering patterns and diagnostic yield in a large group of specialty-trained emergency physicians	<i>Dr. Eddy Lang</i> <i>CAEP-CanVECTOR Research Abstract Award</i>

09:40 – 09:50		LO86 – Overutilization of computed tomography as a first-line investigation for patients presenting with suspected recurrent nephrolithiasis in the emergency department: A retrospective cohort study	<i>Mr. Jonah Himelfarb</i>
09:50 – 10:00		LO87 – Use of a clinical prediction rule would lead to more effective CTA utilization for urgent brain imaging of suspected TIA/mild stroke in the emergency department	<i>Dr. Kristine Votova</i>
10:00 – 10:10		LO11 – Opiate prescribing in Ontario emergency departments	<i>Dr. Bjug Borgundvaag</i>
10:10 – 10:20		LO89 – Factors associated with delay in trauma team activation and impact on patient outcomes	<i>Dr. Rory Connolly</i>
10:20 – 10:30		LO90 – Trauma triage accuracy at a Canadian trauma centre	<i>Dr. Jacob Pace</i>
08:30 – 10:30	H: Mt. Currie Ballroom	Track 2 – Event Medicine & Mass Gathering Health Track Chair: Dr. Adam Lund	
08:30 – 10:30		Emergency Management Planning for Mass Gatherings and Event Medicine: A Tabletop Exercise	<i>Dr. Adam Lund</i> <i>Dr. Sheila Turris</i>
08:30 – 10:30	Ballroom B	Track 3 – Toxicology Track Chair: Dr. Bob Hoffman	
08:30 – 08:55		Lipid Emulsion Therapy: Rescue or Ransom?	<i>Dr. Sophie Gosselin</i>
08:55 – 09:20		Naloxone in the Age of New Opioids	<i>Dr. Chris DeWitt</i>
09:20 – 09:30		LO92 – Factors contributing to the development of adverse drug events treated in emergency departments	<i>Dr. Corinne Hohl</i>
09:30 – 09:55		Which NAC Regimen is the Right One	<i>Dr. Morgan Riggan</i>
09:55 – 10:20		Methylene Blue – More Than Just Methemoglobinemia	<i>Dr. Bob Hoffman</i>
10:20 – 10:30		Q&A	
08:30 – 10:30	Rainbow Theatre	Track 4 – Trauma Track Chair: Dr. Joe Haegert	
08:30 – 09:00		Clearance of Pediatric C Spine in Trauma	<i>Dr. Joe Haegert</i>
09:00 – 09:30		Trauma Systems....What Works to Improve Care	<i>Dr. John Taylor</i>
09:30 – 09:40		LO93 – Prognostic value of S-100B protein for prediction of post-concussion symptoms following a mild traumatic brain injury: Systematic review and meta-analysis	<i>Dr. Eric Mercier</i>
09:40 – 09:50		LO94 – Prognostic value of neuron-specific enolase (NSE) for prediction of post-concussion symptoms following a mild traumatic brain injury: A systematic review	<i>Dr. Eric Mercier</i>
09:50 – 10:00		LO95 – A prospective evaluation of mild traumatic brain injuries in a working population in Edmonton, AB	<i>Dr. Lindsay Gaudet</i>
10:00 – 10:30		TEVAR in Blunt Thoracic Aortic Injury	<i>Dr. Kevin Lee</i>
08:30 – 10:30	Garibaldi	Track 5 – Cardiology Track Chair: Dr. Eddy Lang	
08:30 – 09:00		High-sensitivity Cardiac Troponins: Not Your Parent's Cardiac Biomarker	<i>Dr. Andrew McRae</i>
09:00 – 09:30		Atrial Fibrillation	<i>Dr. Clare Atzema</i>

09:30 – 09:40		L096 – Syncope prognosis based on emergency department diagnosis: A prospective cohort study	Dr. Cristian Toarta <i>Resident Research Abstract Award</i>
09:40 – 09:50		L097 – Validation of the HEART score in Canadian emergency department chest pain patients using a high-sensitivity troponin T assay	Dr. James Andruchow
09:50 – 10:00		L098 – Optimal length of observation for emergency department patients with syncope: A time to event analysis	Dr. Venkatesh Thiruganasambandamoorthy
10:00 – 10:30		Ottawa Chest Pain Rule	Dr. Mathieu Gatien
10:30 – 11:00	Sea to Sky Ballroom Foyer	Refreshment Break & Poster Viewing	
11:15 – 12:30	W: Emerald Ballroom	Closing Plenary – Finding the Peaks – Finding Beauty and Peace in a Harsh Environment	Dr. Bruce Campana

Poster Presentations

Poster Group 1

Sea to Sky Ballroom and Foyer

Sunday, June 4: 09:45 – 10:15, 11:45 – 13:00, 14:30 – 15:00

Monday, June 5: 10:45 – 11:15, 12:45 – 14:00

P001	Do all toddlers fractures need to be managed by orthopedic surgeons?	Mr. John Adamich
P002	Do 5th metatarsal fractures need to be managed by orthopedic surgeons?	Mr. John Adamich
P003	Emergency department quality assurance sepsis project: Why are more people dying in southwestern Ontario?	Dr. Alaina Aguanno
P004	Hair cannabinoid concentrations in hyperemesis cannabis: a case-control study	Dr. Khala Albert
P005	Consultations in the emergency department: A systematic review	Ms. Lindsay Gaudet
P006	Characterizing patients with newly-diagnosed diabetes mellitus in the emergency department: A one-year health records review	Mr. Hyder Ali Khan
P007	A comparative analysis of qSOFA, SIRS and Early Warning Scores criteria to identify sepsis in the pre-hospital setting	Dr. Saeed AlQahtani
P008	Implementation of a voluntary provincial knowledge translation intervention project to improve the appropriateness of CT imaging for patients with mild traumatic brain injury and suspected pulmonary embolism	Dr. James Andruchow
P009	Improving elderly care transitions through the local adaptation and implementation of the Acute Care for Elderly (ACE) program	Dr. Patrick Archambault
P010	Code Silver: Lessons learned from the design and implementation of Active Shooter Simulation In-Situ Training (ASSIST)	Dr. Niran Argintaru
P011	Discerning perceived barriers and facilitators to goals of care discussion in the emergency department: A survey of emergency physicians and residents	Dr. Niran Argintaru
P012	Quebec emergency physicians propose priority solutions to improve rural emergency care	Dr. Jonathan Audet
P013	What are the short-term goals of patients presenting the emergency department with an acute mental health complaint?	Dr. David Barbic
P014	Palliative and end of life care education in Canadian emergency medicine residency programs: A national cross-sectional survey	Dr. Jared Baylis
P015	Leadership and administration: A novel elective rotation for emergency medicine residency training	Dr. Jared Baylis
P016	Low risk ankle rule, high reward: A quality improvement initiative to reduce ankle x-rays in the pediatric emergency department	Dr. Maxim Ben-Yakov
P017	A time-driven activity-based costing method to estimate health care costs in the emergency department	Dr. Simon Berthelot
P018	Pre-hospital diversion of mental health patients to a mental health center vs the emergency department: Safety and compliance of an EMS direct transport protocol	Ms. Verdah Bismah
P019	Pre-hospital diversion of intoxicated patients to a detoxification facility vs the emergency department: Safety and compliance of an EMS direct transport protocol	Ms. Verdah Bismah
P020	Ultrasound-guided peripheral intravenous access in the emergency department: A randomized controlled trial comparing single and dual-operator technique	Dr. Craig Brick
P021	A 'pawsitive' addition to the ED patient experience: A pilot evaluation of the St. John Ambulance Therapy Dog Program in a Canadian hospital	Ms. Lindsey Broberg
P022	Physician reporting of medically unfit drivers: Barriers and incentives	Dr. Jeffrey Brubacher
P023	Emergency department data provides a realistic count of pedestrian injuries	Dr. Jeffrey Brubacher
P024	Physician reporting of medically unfit drivers: Knowledge, attitudes, and practice	Dr. Jeffrey Brubacher

P025	The Dunning–Kruger Effect in medical education: Double trouble for the learner in difficulty	Dr. Jennifer Bryan
P026	Need for training in medical education: Staff emergency physician perspectives	Dr. Jennifer Bryan
P027	Nursing duties and accreditation standards and their impacts: The nursing perspective	Dr. Michael Bullard
P028	The prevalence of pathological findings identified by next day abdominal ultrasound in patients discharged from the ED	Dr. Stephanie Cargnelli
P029	Paramedic and nurse–staffed rural collaborative emergency centres: The rate of relapse for discharged patients	Dr. Alix Carter
P030	Multisource feedback for emergency medicine residents: Different, relevant and useful information	Dr. Veronique Castonguay
P031	Using machine learning algorithms for predicting future performance of emergency medicine residents	Dr. Teresa Chan
P032	Identifying the bleeding and thrombosis learning needs of the Free Open Access Medical education (FOAM) community	Dr. Teresa Chan
P033	To choose or not to choose: Evaluating the impact of a Choosing Wisely Knowledge Translation initiative on urban and rural emergency physician guideline awareness	Dr. Kavish Chandra
P034	Pediatric emergency department return visits: A proactive approach to quality improvement	Dr. Lucas Chartier
P035	Development of a province–wide audit program for return visits to the emergency department	Dr. Lucas Chartier
P036	A comprehensive quality improvement initiative to prevent falls in the emergency department	Dr. Shaun Mehta
P037	The Ontario Emergency Department Return Visit Quality Program: A provincial initiative to promote continuous quality improvement	Dr. Lucas Chartier
P038	Does the pediatric emergency department have a role in pediatric palliative care	Dr. Anne–Josée Côté
P039	Potential impact on receiving hospital of a pre–hospital triage system for refractory cardiac arrest: A simulation study	Dr. Alexis Cournoyer
P040	Epidemiology of gun–related injuries among Canadian children and youth from 2005–2013: A CHIRPP study	Ms. Catherine Cox
P041	The nursing shift: Measuring the effect of inter–professional education on medical students in the emergency department	Dr. Skye Crawford
P043	Outcomes associated with pre–hospital refractory ventricular fibrillation	Dr. Matthew Davis
P044	Factors influencing laboratory test ordering by physicians and nurses in the emergency department	Ms. Leanne Delaney
P045	Human trafficking awareness: A learning module for improved recognition of victims in the emergency room	Dr. Julianna Deutscher
P046	The development of a validated checklist for bougie–assisted cricothyroidotomy	Dr. Alia Dharamsi
P047	Test characteristics of point of care ultrasound for the diagnosis of retinal detachment in the emergency department	Dr. Gavin Docherty
P048	Profiling the burdens of working nights: Traditional 8–hour nights vs staggered 6–hour casino shifts in an academic emergency department	Dr. Alex Dong
P050	A prospective cohort study to evaluate discharge care for patients with atrial fibrillation and flutter (AF/AFL)	Dr. Patrick Duke
P051	Does knowledge of the Canadian CT Head Rules impact the frequency of CT's ordered?	Ms. Hannah Duyvewaardt
P052	The importance of structured ambulance radio patches during termination of resuscitation calls	Dr. Don Eby
P053	Communication interruptum: Cell phone technology problems in paramedic–physician communication	Dr. Don Eby
P054	Do biomarkers need clinical attention among pre–frail injured seniors seen in the ED	Dr. Marcel Émond

P055	EMS boot camp: A real-world, real-time educational experience for emergency medicine residents	Mr. Curtis Farrell
P056	Rural versus urban pre-hospital and in-hospital mortality following a traumatic event in Quebec, Canada	Dr. Richard Fleet
P057	Diagnosis for mild traumatic brain injury in three Canadian emergency departments: Missed opportunities	Ms. Lindsay Gaudet
P058	Morbid obesity association with return of spontaneous circulation from sudden cardiac arrest treated in a large, urban EMS system in the United States	Dr. Jeffrey Goodloe
P059	Paramedic compliance with a novel defibrillation strategy in a large, urban EMS system in the United States	Dr. Jeffrey Goodloe
P060	Imaging practices of emergency physicians for low risk non-traumatic low back pain	Ms. Rashi Hiranandani
P061	Preventable adverse drug events in Canadian emergency departments	Dr. Corinne Hohl
P063	Perceptions and reflections of Ethiopian emergency medicine graduates regarding the Toronto Addis Ababa Academic Collaboration in Emergency Medicine (TAAAC-EM) Curriculum: A qualitative evaluation study	Dr. Cheryl Hunchak
P064	Coastal family practice residency: Simulation curriculum needs assessment survey	Dr. Kelsey Innes
P065	The history of emergency medicine in Ottawa	Dr. Daniel James
P066	Outcomes of non-operative versus operative management in pediatric acute uncomplicated appendicitis	Dr. Waleed Janjua

Poster Group 2

Sea to Sky Ballroom and Foyer

Tuesday, June 6: 12:15 – 13:30, 15:00 – 15:30

Wednesday, June 7: 10:30 – 11:00

P067	Factors associated with prolonged length of stay of admitted patients in a tertiary care emergency department	Dr. Kirk Johns
P068	Patient satisfaction following educational ultrasounds in the emergency department	Dr. Puneet Kapur
P069	Pre-hospital amiodarone use could improve favorable neurological recovery among patients with out-of-hospital shockable cardiac arrest	Dr. Takahisa Kawano
P070	Mixed effectiveness of emergency department diversion strategies: A systematic review	Dr. Scott Kirkland
P071	Choosing Wisely in the emergency department: Exploring the reach, support and potential for the Choosing Wisely Canada® campaign among emergency physicians	Dr. Lynette Krebs
P072	Exploring definitions of "unnecessary care" in emergency medicine: A qualitative analysis of physician survey responses	Dr. Lynette Krebs
P073	Single and dual vs. standard triple agent regimens for HIV post-exposure prophylaxis in the sexual assault victim population	Dr. Thara Kumar
P074	Clinician gestalt in the evaluation of pulmonary embolism risk factors: The CEPERF study	Dr. Shawn Lacombe
P075	Constructing entrustment: Understanding clinical supervisor dynamics in the oral case presentation	Dr. Jeffrey Landreville
P076	Calcium, magnesium and phosphorus dosing: Impacts and relevance in the emergency department	Dr. Antoine Lapointe
P077	Observance des médecins face aux indications de tomodensitométrie cérébrale chez les patients ayant subi un TCC léger et facteurs associés à la non-observance	Dr. Natalie Le Sage
P078	Derivation and validation of a non-return to work predictive model three months after a mild traumatic brain injury	Dr. Natalie Le Sage
P079	Manual pressure (the modified peace sign) as an aid to sonographic aortic visualization: A pilot study	Dr. Kalen Leech-Porter

P080	A descriptive analysis of pre-hospital midazolam as a chemical restraint in combative patients	Mr. Mason Leschyna
P081	Combative patients given prehospital midazolam as a chemical restraint: Adverse events and efficacy in the emergency department	Mr. Mason Leschyna
P082	Current state of POCUS usage in Canadian emergency departments	Mr. Mason Leschyna
P083	IV fluid resuscitation of sepsis patients in London, ON: A retrospective chart review	Mr. Aaron Leung
P084	"iPads on!" – Does the provision of iPad devices within an emergency department improve the frequency of access to departmental web KT resources?	Dr. David Lewis
P085	Dental complaints in the emergency department: A national survey of Canadian EM physicians	Mr. Justin Losier
P086	Effectiveness of interventions to decrease imaging among emergency department low back pain presentations: A systematic review	Mr. Shashwat Desai
P087	Cellulitis and erysipelas management at an academic emergency department: Current practice vs the literature	Dr. Jeffrey Martin
P088	Emergency department utilization of point of care ultrasound in the assessment and management of shock	Dr. Jennifer McGuire
P089	Does the use of ultrasound improve diagnosis during simulated trauma scenarios?	Mr. Devon McLean
P090	Electronic invitations received from predatory journals and fraudulent conferences: A 6-month young researcher experience	Dr. Eric Mercier
P091	Evaluation of pain management in medical transfer of trauma patients by air	Dr. Isabelle Miles
P092	Exercise prescription in the emergency department: Patient perceptions	Ms. Fiona Milne
P093	Sound check: Quality in point of care ultrasound in rural and regional Saskatchewan through participatory action research	Mr. Anton Moshynskyy
P094	Meeting patient expectations in the emergency department: Preliminary findings from the preparing emergency patients and providers study	Dr. James Nunn
P095	Wellness, sleep and exercise in emergency medicine residents: An observational study	Mr. Preston O'Brien
P096	A peer-reviewed instructional video is as effective as a standard recorded didactic lecture in medical trainees performing chest tube insertion: A randomized control trial	Mr. Scott Odorizzi
P097	High-risk clinical features for acute aortic syndrome	Dr. Robert Ohle
P098	Addiction medicine training in Canadian emergency medicine residency programs: A needs assessment survey	Dr. Asha Olmstead
P099	Age-related rates of abnormal CT findings in otherwise low risk minor head injury patients over 65	Dr. Brent Parker
P100	Iterative prototype development of a mobile tele-simulation unit for remote training: Aan update	Dr. Michael Parsons
P101	Quality of life in patients discharged from the emergency department with atrial fibrillation or flutter (AF/AFL): A prospective cohort study	Mr. Sean Patrick
P102	Education and training on mild traumatic brain injury among emergency department physicians: A systematic review	Mr. Sean Patrick
P103	A human factors-based framework analysis for patient safety: The trauma resuscitation using in situ simulation team training (TRUST) experience	Dr. Andrew Petrosoniak
P104	Emergency department opioid overdose study: Prevalence of adverse outcomes	Dr. Roy Pursell
P105	BC's public health emergency and naloxone administration by the BC Ambulance Service	Dr. Roy Pursell
P106	Does training with a modified high-fidelity manikin improve junior residents' ability to establish transcutaneous pacing in an Advanced Cardiovascular Life Support course?	Dr. Caroline Ranger
P108	Fast track in Calgary hospitals: Measures for quality improvement	Dr. Peter Rogers
P109	Characterizing spontaneous improvements in vasovagal syncope	Dr. Inderjeet Sahota
P110	Acute mountain sickness in the Himalayas: Preliminary report	Dr. Inderjeet Sahota

P111	The social determinants of health in adults presenting to the ED with a mental health complaint	Mr. Qadeem Salehmohamed
P113	Comparison of age-adjusted and clinical probability-adjusted D-dimer for diagnosing pulmonary embolism	Dr. Sameer Sharif
P114	Critical objectives for a pediatric emergency medicine fellowship point of care ultrasound curriculum	Dr. Allan Shefrin
P115	Limiting functional decline in seniors evaluated for minor injuries in the ED	Dr. Marie-Josée Sirois
P116	A scoping review of factors affecting patient satisfaction with care in North American adult emergency departments	Dr. Mandeep Sran
P117	Emergency physicians are choosing wisely when transfusing patients with non-variceal upper gastrointestinal bleeding and hemoglobins >70g/L	Mr. Bradley Stebner
P118	Effects of system design on laboratory utilization in the emergency department: The case for INR & aPTT	Dr. Davy Tawadrous
P119	Health care utilization by patients presenting to the emergency department with mental health complaints	Dr. Cameron Thompson
P120	Clinical decision rule evidence ranking and use in clinical practice	Dr. Suneel Upadhye
P121	Understanding health equity: A pilot project to collect socio-demographic information on emergency department patients at registration	Dr. Samuel Vaillancourt
P122	Emergency department length of stay for alcohol intoxicated patients presenting with head injury	Dr. Catherine Varner
P123	Measuring health-related outcomes: Is social desirability bias an issue we should be exploring while conducting emergency department research?	Dr. Cristina Villa-Roel
P124	Determining ED staff awareness and knowledge of intimate partner violence and available tools	Ms. Janeske Vonkeman
P125	Willingness of ED staff to implement a brief intimate partner violence case-finding tool	Ms. Janeske Vonkeman
P126	Are we transfusing wisely? An analysis of transfusion practices among hemodynamically stable patients with anemia in four hospitals	Ms. Amanda Wang
P127	Paramedics perception of working in Nova Scotia's collaborative emergency centres	Mr. Stewart Whalen
P128	The novel application of eye-tracking for the cognitive task analysis of expert physician decision-making while leading real-world traumatic resuscitations	Dr. Matthew White
P129	The Calgary Stampede: Effects on emergency and urgent care department utilization during a Canadian mass gathering	Dr. Charles Wong
P130	Learning through simulation: A debriefing faculty development course	Dr. Karen Woolfrey
P131	Risk factors for recurrent emergency department visits for hyperglycemia in patients with diabetes mellitus	Dr. Justin Yan
P132	Development and implementation of an intubation registry within a Canadian tertiary-care hospital	Dr. Jeff Yoo