

Preliminary Program

2017 CAS Annual Meeting

JUNE 23 – 26, 2017

Scotiabank Convention Centre

Niagara Falls, ON

COMPETENCE BY DESIGN

THE FUTURE OF EDUCATION AND
ASSESSMENT IN ANESTHESIOLOGY
—FROM RESIDENCY TO RETIREMENT



Canadian Anesthesiologists' Society

WWW.CASCONFERENCE.CA

FRIDAY, JUNE 23, 2017

08:00-18:00 Marriott on the Falls Hotel, Niagara Falls

Pre-Conference Workshop Perioperative, Hands-on Point of Care Ultrasound Course (POCUS)

\$600/participant This one day course is targeted to introduce any anesthesiologist to the practice of perioperative point of care ultrasound. These will include relevant application of: cardiac, lung, gastric, airway and FAST Ultrasound. All instructors are experts from across the country.

Pre-registration required The course is fully hands-on and will require completion of online learning pre-course and post-course tests. Scans will be performed using a wide variety of equipment on healthy volunteers. Image interpretation will be practiced on real US images and simulators.

Pre-workshop reading and evaluation required.

Workshop Leader
Massimiliano Meineri

Workshop Instructors

Cristian Arzola
André Denault
Han Kim
Neal Maher
Surita Sidhu
Hesham Talab

Daniel Bainbridge
Ashraf Fayad
Marelise Kruger
Anahi Perlas
Marcos Silva
Masaru Yukawa

Robert Chen
Ahmed Hegazy
Richelle Kruisselbrink
Wilfredo Puentes
Summer Syed

08:00-17:00 Marriott on the Falls Hotel, Niagara Falls

Pre-Conference Workshop Negotiation and Conflict Management for Anesthesiologists

\$600/participant The workshop will focus on the fundamental skills of negotiation and an in-depth examination of conflict management using a combination of lecture and short interactive exercises. The negotiation component will cover topics such as how to plan and prepare for a negotiation, how to assess your options, and how to go about creating value for a more optimal agreement. In the conflict management component participants will practice techniques to enhance their active listening skills, particularly for managing difficult communications; learn how to approach potential conflict; develop competencies for effectively resolving disagreements; and discuss best practices.

This negotiation skills workshop was co-developed for anesthesiologists to address specific negotiation scenarios and to help them develop effective conflict management and negotiation skills. This workshop is not intended for other health professionals.

Workshop Leaders
Kevin Tasa
Ena Chadha

09:00-16:00 McMaster University, Hamilton

Pre-Conference Workshop Simulation Workshop

\$600/participant A full day high fidelity mannequin simulation program will focus on management of perioperative events in a realistic environment. Experienced simulation faculty will be present to facilitate, and there will be time for all participants to be both primary and secondary responders.

Pre-registration required Workshop Leader
Greg Peachey

Workshop instructors

Daniel Cordovani
Tobias Everett
Ben O'Sullivan

Danelle Dower
Linda Korz

Hotel information available on the CAS website.

18:00-20:00 Welcome Reception in the Exhibit Hall

SATURDAY, JUNE 24, 2017

06:45-07:45

PBLD **Problem Based Learning Discussions**
\$40/participant Space is limited to 10 participants per discussion

**Pre-registration
required**

Perioperative **Cardiac disease and non cardiac surgery. How do I apply the new guidelines?**
This small group discussion focus on practical aspects of evidence based approach to management of patients with cardiac disease for non cardiac surgery.

SOLD OUT

Presenter
Joel Parlow

Perioperative **Perioperative Intraoperative Management of Patients with Severe Pulmonary Disease: How do we Treat the Lungs?**
This problem based learning discussion is aimed at a practical discussion on optimal ventilatory setting for patients with pulmonary disease presenting for elective surgery. Will discuss what tools are available to the anesthesiologists and how to get the best of them.

Presenter
Matteo Parroto

Neuroanesthesia **Management of Cervical Spine - Cervical Spine Disease and Anesthesia**
This session will review cervical spine considerations when anesthetizing patients with relevant cervical spine diseases.

Presenter
Michael Todd

Cardiovascular and Thoracic Anesthesia **Beyond LV Function: How to get the most out of an Echocardiography Report**
Anesthesiologists read echo reports everyday. In this interactive session, we will discuss the subtleties of echocardiography reports: How do we get the most out of the information? How should we adjust our anesthetic plan based on an echo report?

SOLD OUT

Presenter
Robert Chen

Cardiovascular and Thoracic Anesthesia **Patients with LVAD Going for Non-cardiac Surgery**
As more and more patients are treated with Left Ventricular Assist Devices, they present for non-cardiac surgery with increasing frequency. In this interactive session, we will discuss the anesthetic management of patients with LVADs going for non-cardiac surgery.

Presenter
Ronit Lavi

Obstetric Anesthesia **Patient with Postpartum Headache. What is the Differential Diagnosis and how to Proceed?**

Presenter
Lisa Leffert

Obstetric Anesthesia **Anesthesia for a Patient with Severe Pre-eclampsia**

Presenter
Giselle Villar

SATURDAY, JUNE 24, 2017

06:45-07:45

**Regional and
Acute Pain**

Setting up an Ambulatory Continuous Regional Anesthesia Program

Problem-based learning discussion in a small group centered on the use of ambulatory peripheral nerve catheters, led by an expert in the field.

Presenter
Derek Dillane

**Regional and
Acute Pain**

Neurologic Complications After Regional Anesthesia

Presenter
Martin van der Vyver

**Pediatric
Anesthesia**

Tonsillectomy and OSA with Emergence Delirium

Presenter
Llavajady Srinivasan

SOLD OUT

Ambulatory

75 Year Old A Fib on Rivaroxaban for Ambulatory Cholecystectomy

Patients with Atrial Fibrillation and high CHADS2 score are anticoagulated to prevent thrombotic events. Rivaroxaban should be stopped prior to surgery to prevent excessive bleeding. Should bridging anticoagulant be used?

Presenter
David Wong

**Chronic Pain
Management**

Management of the Challenging Chronic Pain Patients in the Perioperative Setting

Through problem based learning we will highlight management principles and strategies for providing optimal care for a patient who is on methadone, cannabis, and many pain adjuncts who will be NPO post surgery.

Presenter
Joseph Park

SOLD OUT

**Education and
Simulation**

Navigating your way Through Accrediting your Programs with the Royal College and CAS

Objectives:

- Describe the steps involved in accrediting a program for Sections 1 and 3 RCPSC accreditation
- Develop a plan for increasing Section 3 opportunities in your meetings
- Identify resources for easily meeting RC criteria for accreditation
- Discuss how RCPSC accreditation process differs from CFPC

Presenter
Jane Tipping

**No charge for
this PBLD**

**Pre-registration
required**

Neuroanesthesia

Pain in Patient with Failed Back Surgery Syndrome: Trick-or Treat!

Pain management of failed back surgery syndrome could be challenging. This session will review the different options available in this pathology.

Presenter
Qutaiba Twafic

SATURDAY, JUNE 24, 2017

07:30-08:00

Morning Coffee/Tea Service (You asked – we listened!)

08:00-09:00

Symposium
Education and
Simulation in
Anesthesia

Annual Meeting Welcome, Royal College Presentation & Opening Plenary

Simulation, Education and Competence in Anesthesiology

The role of Simulation and its contribution to education and becoming a competent anesthesiologist.

Moderator
Viren Naik

Presenter
David Gaba

09:15-10:00

**Refresher
Course**
Neuroanesthesia

Cervical Spine Biomechanics and the Unstable Neck

This session will review the anatomy and motion of the normal Cspine and the movements that occur during intubation. In addition, we will also discuss the clinical implications of various disorders.

Moderator
Timothy Turkstra

Presenter
Michael Todd

**Refresher
Course**
Cardiovascular
and Thoracic
Anesthesia

New Frontiers in Cardiovascular Medicine: Percutaneous Approaches to Mitral Regurgitation

Mitral regurgitation is very prevalent and it is a significant contributor to heart failure. There is growing interest in minimally invasive, catheter-based approaches to the management of mitral regurgitation.

During this session we will discuss various innovative devices being developed to deal with this significant clinical problem.

Moderator
Surita Sidhu

Presenter
Han Kim

Symposium
Pediatric
Anesthesia

Pierre Limoges Lecture: Spoken and Unspoken Communications, Aspiration and Teamwork

Moderator
David Rosen

Presenter
Helen Holtby

10:00-10:30

Break in the Exhibit Hall

SATURDAY, JUNE 24, 2017

10:30-12:15

Workshop

Cardiovascular
and Thoracic
Anesthesia

\$350 per
participant

**Pre-registration
required**

3D Offline Analysis

3D-TEE is a powerful technology, but many anesthesiologists do not use it to its full potential in the OR. They may not be aware of the practical applications of 3D, or they may reserve the detailed analysis to the postoperative review, which negates the advantages of having the technology in the OR. Also, many may not be familiar with the knobology.

Workshop Leader/Instructor
Surita Sidhu

Workshop Instructors
Jason Taam
Masaru Yukawa

Section Event

Pediatric
Anesthesia

**Pre-registration
required**

Section Members
No fee

Non members
\$75

Challenges of Anesthesia and Sedation Outside the OR

Pre-registration required

Moderator
Clyde Matava

Presenters
Quang Ngo
Tobias Everett

Challenges of Dental Anesthesia in the Non-Operating Room Setting
Carilynne Yarascavitch

Workshop

Chronic Pain

(Part 1)

Cost included with
Annual Meeting
Registration

**Pre-registration
required**

**Limited spaces
available**

Buprenorphine Training: Use in Patients with Pain and/or Addictions as well as Preoperative Management

Part 2 offered in the afternoon is mandatory.

This workshop is spread over two sessions (10:30-12:15 and 13:15-15:00), both of which are mandatory. A pre-workshop assignment will be emailed to participants in advance. If you register for this workshop, and do not show up without cancelling your participation, there will be a \$125 penalty.

The pre-workshop assignment will be 3.75 hours of online training on substance abuse treatment, opioids, and the use of buprenorphine in the treatment of opioid use disorders from office-based practice, following which an examination will be offered.

The on-site workshop will be a two part (total of 3.5 hours) face-to-face, classroom-style session. The training focuses on the specifics of treating patients with opioid use disorders in office-based settings and clinical vignettes to help trainees think through "real life" experiences in opioid use disorders treatment. The focus will be on patients with chronic pain, acute on chronic pain, perioperative, and postoperative management. Attendees will receive a certificate of completion and have access to a mentor whom they can contact as they try to integrate this into their practice. The workshop is data-sponsored by the American Academy of Addiction Psychiatry.

Workshop Leader
Wiplove Lamba

Workshop Instructor
Akash Goel

SATURDAY, JUNE 24, 2017

10:30-12:15

Symposium
Obstetric
Anesthesia

Multidisciplinary Approach to the Obstetric Patient with Neurological Disease: From Assessment to Management of Complications

Multidisciplinary panel, including an obstetrician, a neurologist and an expert in obstetric anesthesia and neurological complications will present and discuss the evidence available and recommendations for the management of pregnant patients with neurological disease.

Moderator
Giselle Villar

Presenters
Lisa Leffert
Cynthia Maxwell

Symposium
Critical Care
Medicine and
Trauma

Update for the Critical Care Anesthesiologist

This session is geared to the non-intensivist and the anesthesiologist who looks after the critically ill either in the OR, ER or ICU. Speakers from across Canada will provide updates to anesthesiologists on relevant topics: updated management guidelines on septic shock; vasopressor therapy; management of the potential organ donor; and the management of traumatic brain injury.

Moderator
Faisal S. Siddiqui

Presenters
Faisal S. Siddiqui
Tobias Witter
Edgar Hockman

Symposium
Perioperative

Cardiovascular Risk Stratification in Non Cardiac Surgery

This session is aimed at discussing evidence-based management of patients with cardiac disease undergoing non cardiac surgery. The Canadian as well as the American perspective will be discussed in view of latest Guidelines.

Moderator
Duminda Wijesundera

CCS Guidelines: Cardiac Assessment for Noncardiac Surgery

Presenter
Joel Parlow

CCS Guidelines: Perioperative Risk Modification and Postop Monitoring and Management

Presenter
PJ Devereaux

ACC/AHA Guidelines

Presenter
Joshua Beckman

SATURDAY, JUNE 24, 2017

10:30-12:15

Workshop Regional and Acute Pain	Ultrasound Guided Regional Anesthesia Workshop: Essential Upper and Lower Extremity Blocks	
\$350 per participant	This workshop will explore indications and standard ultrasound guided approaches to common essential peripheral nerve blocks of the upper and lower extremity for anesthesia and analgesia on live models. Brachial plexus approaches will include Interscalene and Axillary brachial plexus blocks. Lower extremity approaches will include femoral nerve, adductor canal and popliteal sciatic nerve block.	
Pre-registration required	Workshop Leader Ki Jinn Chin	
	Workshop Instructors Stephen Choi Derek Dillane Vishal Uppal	Shalini Dhir Kyle Kirkham

Patient Safety	Poster Discussions
Neuronesthesia and Ambulatory Anesthesia	Oral presentations of top 8 abstracts within the selected category.

12:15-13:15

Lunch in the Exhibit Hall

CAS Annual Business Meeting

13:15-15:00

Symposium Anesthesia Assistant	CAS Standards Symposium
	The Anesthesia Care Team (ACT) in Canada - Current Practice and Future Directions To explore the current standards and future directions for Anesthesia Assistant (AA) training, certification and clinical practice roles and responsibilities. To understand the similarities and differences between provinces and institutions and the efforts underway to standardize these differences and how the CAS does and will continue to provide leadership and support for the process.
	Moderator Gregory Dobson
	Presenters Susan O'Leary Claire Middleton Wendy So

Section Event Regional and Acute Pain	Competency in Regional Anesthesia
	Lecture series addressing the attainment of competency in regional anesthesia, the place of technology in education, and strategies for self-improvement.
Pre-registration required	Moderator Derek Dillane
Section Members No fee	Presenters Kyle Kirkham Edward Mariano
Non members \$10	Steven Orebaugh

SATURDAY, JUNE 24, 2017

13:15-15:00

Workshop

Airway
Management

\$350/participant

**Pre-registration
required**

Advanced Airway Management

This session will provide participants with hands-on practice on a variety of airway management devices, including videolaryngoscopy, fiberoptic bronchoscopy and supraglottic airway devices. At the end of the workshop, participants will be familiar with techniques and algorithms recommended by international guidelines, but for adult and pediatric patients

Workshop Leader
Matteo Parotto

Workshop Instructors
Adam Law
Andre Van Zundert
Anil Patel
Eric Greenwood

Symposium

Education and
Simulation in
Anesthesia

Novel and Non-traditional Ways of Maintaining Competence While in Practice

Presenters
Robert Nag
Viren Naik
David Gaba

Workshop

Chronic Pain

Included with
Annual Meeting
Registration

Buprenorphine Training: Use in Patients with Pain and/or Addictions as well as Preoperative Management

Continuation of Part 1

Symposium

Neuroanesthesia

Management of Coagulopathy During Neurosurgical Procedures

During this session, we will review the indications, safety considerations and evidence for the use of tranexamic acid during spine surgery. In addition, an up-to-date understanding of the pathophysiology and clinical management strategies of early trauma coagulopathy in TBI patients will be reviewed. Finally, the implications and management of novel oral anticoagulants in patients with intracranial hemorrhage will be discussed.

Moderator
Marie-Hélène Tremblay

Tranexamic Acid in Spine Surgery - An Update

Systemic use of tranexamic acid during complex spinal surgery is widely used in the management of surgical bleeding. We will review the indications, safety considerations and clinical evidence of its use.

Presenter
Jean Wong

Intracerebral Hemorrhage on DOACs: Incidence, Severity and Management.

The most feared adverse event of patients receiving novel oral anticoagulant is intracranial bleeding. This session discusses the approach to managing this complication.

Presenter
Katerina Pavenski

Pathophysiology and Management of Coagulopathy in Traumatic Brain Injury

Presenter
Sandro Rizoli

SATURDAY, JUNE 24, 2017

13:15-15:00

Workshop
Patient Safety

Cost included
with Annual
Meeting
Registration

**Pre-registration
required**

**Limited spaces
available**

Handover Tools

A variety of low and high tech handover tools will be presented; tools which have been created by Canadian anesthesiologists and are currently in use in some centers. Get hands on experience trying the tools to see if you can take them back to your department.

Moderators
Alana Flexman, Sherissa Microys

Presenter
Zeev Friedman
Josh Gleicher
Sophia Lane
Irene McGee

Cardiovascular
and Thoracic

Poster Discussions

Oral presentations of top 8 abstracts within the selected category.

Pediatric
Anesthesia

15:00-15:30

Break in the Exhibit Hall

15:30-17:15

Symposium
Chronic Pain
Management

Medical Cannabis: Clinical Evidence, Pharmaceutical Relevance, and Usage in the Perioperative / Hospital Setting

Three presenters will discuss many of the topical and logistical issues surrounding medical cannabis including the biochemistry and clinical evidence for its use. The symposium will also address the challenges and future of medical cannabis in the preoperative and hospital setting.

Moderator
Collin Clarke

The Future of Medical Cannabis in the Preoperative / Hospital Setting

Presenter
Hance Clarke

Chemical, Biochemical and Pharmaceutical Aspects of Medical Cannabis

Presenter
Lakshmi Kotra

Efficacy of Medical Cannabis for the Treatment of Chronic Pain Conditions

Presenter
Jason McDougall

Symposium
Patient Safety

Dr John Wade CPSI Patient Safety Symposium Patient Safety Medication Errors Don't Need to Happen: Solutions for Everyone

Over 60% of errors committed by anesthesiologists are related to a simple unintentional ampoule, label or syringe swap during drug preparation or administration. Patients consider drug errors Never Events. How do we move closer to zero? This session will provide a number of non-tech and technology based solutions to reduce the risk of a future drug safety event.

Moderator
Lucie Filteau

Presenters
Guylaine Lefebvre
Ludwik Fedorko
Sherissa Microys

SATURDAY, JUNE 24, 2017

15:30-17:15

Workshop Regional and Acute Pain	Ultrasound Guided Regional Anesthesia Workshop: Essential Upper and Lower Extremity Blocks (Repeat of morning workshop)
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\$350 per participant	Workshop Leader Kwesi Kwofie
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Pre-registration required	Workshop Instructors Faraj Abdallah Chris Prabhakar Steven Petrar Rakesh Sondekoppam James Green
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Case Discussion Cardiovascular and Thoracic Anesthesia	CVT Challenging Cases Moderator Robert Chen
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Symposium Research	Return on Investment in Anesthesia Research; Knowledge Translation, Clinical Impact and Engaging the Anesthesia Community
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Moderators
Roanne Preston
Davy Cheng

Research in Anesthesia - Why Clinicians Should Support it?

With the background of having facilitated increased research productivity at his institution, provide rationale for financially supporting research activities in one's anesthesia department

Presenter
Brian Kavanagh

Clinical Perioperative Research – Can we Compete?

In role as new PACT Chair (perioperative anesthesia clinical trials group) provide vision for how PACT can facilitate anesthesia research in Canada amongst our trainees and junior faculty so that research stays on their agenda

Presenter
Eric Jacobsohn

Research in Anesthesia – What has it Yielded?

Provide the findings of a comprehensive analysis of all anesthesia related research in the past few decades for its validity and clinical reference

Presenter
Janet Martin

SATURDAY, JUNE 24, 2017

15:30-17:15

Workshop	Advanced Airway Management Workshop (repeat of previous workshop)
Airway Management	This session will provide participants with hands-on practice on a variety of airway management devices, including videolaryngoscopy, fiberoptic bronchoscopy and supraglottic airway devices. At the end of the workshop, participants will be familiar with techniques and algorithms recommended by international guidelines, but for adult and pediatric patients
\$350 per participant	
Pre-registration required	Workshop Leader Matteo Parotto
	Workshop Instructors Adam Law Andre Van Zundert Anil Patel Eric Greenwood

18:30-23:00

Ticket Required	President's Reception & Dinner
	Marriott on the Falls – Oakes South Ballroom
Registered delegate: \$100	Reception 18:30 / Dinner 19:30
Guest: \$150	

SUNDAY, JUNE 25, 2017

06:30-08:30

**Pre-registration
required**

\$50/person

Fun Run for CARF

Join the fun and challenge your colleagues! The CARF Fun Run is held annually to raise money for anesthesia research in Canada - for the advancement of anesthetic care and perioperative medicine. This is an easy way to provide an important contribution to your profession and get some good exercise. Support your profession!

06:30 - registration, 07:00 - run

08:00-08:30

Morning Coffee/Tea Service

08:30-10:15

Symposium
Faculty
Development

Consensus in Medicine and Science

Controversy-reflecting different points of view lies at the heart of science and of medical practice, and consensus is a process whereby clinicians (or scientists) attempt to come to agreement about the way forward. In the era of increasingly standardized 'care by guidelines', it is important to understand where controversy and consensus fit in to the process of discovery and the practice of medicine. Three individuals give us their perspectives in what promises to be a controversial, illuminating and highly original session that will make us rethink many of our assumptions as clinicians. A resident in the clinician-scientist program will give a learner's perspective on consensus and controversy as experienced during training, and two leading speakers will discuss the place of consensus and controversy in medicine and science

Moderator
Brian Kavanagh

The Importance of Consensus in Medicine

Norman Buckley

Scientists and Clinicians - The Consensus-Controversy Conundrum

Martin Tobin

What Residents Learn to Accept

Neil Goldenberg

Symposium
Cardiovascular
and Thoracic
Anesthesia

Fluid Management in Cardiac Surgery: Blood may be bad, Colloid may be bad, too much Crystalloid may be bad, What am I to do?

A panel of experts will discuss fluid management in cardiac surgery: blood and transfusion thresholds, the evidence and controversies surrounding colloids, and the effects of large amounts of crystalloids infusions on perioperative homeostasis.

Moderator
A. Stephane Lambert

RBC Transfusion for Cardiac Surgery - What's the Evidence in 2017?

David Mazer

Crystalloids and Colloids: What now?

Stuart McCluskey

The Importance of Setting Goals: Update on Protocolized Fluid Therapy in Cardiac Surgery

Bernard McDonald

SUNDAY, JUNE 25, 2017

08:30-10:15

Workshop Obstetric Anesthesia	Ultrasound Guidance for Neuraxial Obstetric Anesthesia Workshop Hands on session where participants will learn from the experts how to manage the ultrasound equipment, how to utilize ultrasound to visualize the anatomy of the epidural space, and when to use it to facilitate difficult neuraxial procedures in the obstetric population.
\$350 per participant	Workshop Leader/Instructor Jose Carvalho
Pre-registration required	Workshop Instructors Cristian Arzola Paul Wieczorek Mrinalini Balki Clarita Margarido
Symposium Perioperative	Training for the Future: Defining the Anesthetist's Core Competencies in Perioperative Medicine This session is aimed at discussing current challenges in defining core competencies in perioperative medicine Moderator Gregory Bryson POCUS in Perioperative Medicine This session will provide an update on the Canadian Consensus Conference on the development of guidelines for training and practice of perioperative point of care ultrasound. Presenter Massimiliano Meineri Perioperative Surgical Home: Applied Perioperative Medicine in the US This session is aimed at discussing the American model of perioperative surgical home and its impact on re-shaping the definition of perioperative medicine. Presenter Adam King Perioperative Medicine: The European Perspective This session is aimed at offering a European perspective on the definition and boundaries of perioperative medicine. Presenter Rupert Pearse
Refresher Course Ambulatory	Videolaryngoscopy and SGA in Ambulatory Cases, is That All We Need? Many times, incorrect conclusions may be drawn from positive or negative trials with inadequate sample size and power. Large trials are important to allow conclusions to be drawn with more confidence levels. This lecture will provide an evidence based review of recent large trials in outcomes in ambulatory surgical patients. Moderator Jean Wong Presenter Andre van Zundert Lessons From Recent Large RCTs: Clinical Applications in Ambulatory Anesthesia Presenter Matthew Chan

SUNDAY, JUNE 25, 2017

08:30-10:15

Simulation and
Education

Poster Discussions

Oral presentations of top 8 abstracts within the selected category.

Regional and
Acute Pain

09:30-10:15

Resident

What's New at the Royal College

Moderator

Kaitlin Duncan

Presenter

Rolf Gronas

10:15-10:45

Break in the Exhibit Hall

10:45-11:30

Resident

Challenging Airway Management Cases

Moderators

Kaitlin Duncan

Matteo Parotto

Presenters

Adam Law

Anil Patel

André Van Zundert

11:30-12:30

Resident

Fellowship Fair

10:45-12:30

CAS IEF

Symposium

Education and
Simulation in
Anesthesia

Global Anesthesia After the Lancet Commission

The Lancet Commission on Global Surgery was a landmark which has established global anesthesia and surgery as an indispensable, indivisible part of basic health care provision across the world. Unfortunately, anesthesia and surgery has long been neglected in global health. This symposium brings together speakers who are expert in global surgery (from the Lancet Commission), advocacy (from the G4 Alliance) and global anesthesia (from Zambia, a pilot country for the Lancet Commission) to discuss progress and challenges 2 years on from the seminal report "Global Surgery 2030".

Moderator

Dylan Bould

The Lancet Commission

Mark Shrimme

Advocacy to Create Change in Global Surgery and Anesthesia

Kathleen Casey

Zambia: A Lancet Commission Pilot Country

Naomi Shamambo

Symposium

Francophone

De l'anesthésie régionale à l'anesthésie générale échoguidée : les bases de l'utilisation de l'échographie ciblée en salle d'opération

Présentation magistrale de 60 min avec démonstration en direct d'un examen d'échographie ciblée

Modérateur

Jean-Sébastien Lebon

Conférencier

André Denault

SUNDAY, JUNE 25, 2017

10:45-12:30

Symposium

Neuroanesthesia

One Day Neurosurgery

In this lecture, we will review the rationale, evidence, anesthetic considerations and applications of one-day for neurosurgery, both cranial and spinal patients. Pathophysiology, prevention and therapeutic approaches to acute and chronic pain following craniotomy will also be reviewed.

Moderator

Alana Flexman

Surgical Perspective

In this lecture we will review the rationale, evidence and applications of one-day for neurosurgery, both cranial and spinal patients.

Presenter

Eric Massicotte

Anesthesia Perspective

This lecture will review the anesthetic considerations for patients undergoing one-day neurosurgery including patient selection, anesthetic techniques, post op care and outcomes.

Presenter

Lakshmikumar Venkat Raghavan

Acute and Chronic Pain Following Craniotomy

Presenter

Qutaiba Twafic

Symposium

Perioperative

Perioperative Pulmonary Complications

This session aims at addressing current issues in perioperative pulmonary complications and their impact on short and long term outcomes. We will discuss current evidence to minimize and treat postoperative respiratory failure.

Moderator

Massimiliano Meineri

Physiologic Basis of Mechanical Ventilation

Presenter

Martin Tobin

Postoperative CPAP

This session is aimed at discussing the evidence, rational and indications for the use of Continuous Positive Airway Pressure in the perioperative setting.

Presenter

Rupert Pearse

Sleep Apnea: An Update

This session aims at providing a practical update on the impact of sleep apnea on perioperative management and outcome.

Presenter

Mandeep Singh

SUNDAY, JUNE 25, 2017

10:45-12:30

Workshop Regional and Acute \$350 per participant Pre-registration required	Ultrasound Guided Regional Anesthesia Workshop: Essential Upper and Lower Extremity Blocks (Repeat of Saturday workshop) This workshop will explore indications and standard ultrasound guided approaches to common essential peripheral nerve blocks of the upper and lower extremity for anesthesia and analgesia on live models. Brachial plexus approaches will include Interscalene and Auxillary brachial plexus blocks. Lower extremity approaches will include femoral nerve, adductor canal and popliteal sciatic nerve block. Workshop Leader Kwesi Kwofie Workshop Instructors Parvinder Sodhi Reva Ramlogan Steven Petrar Ryan Endersby Jason McVicar
President's Symposium	Pride, Patriotism and Professional Association The year 2017 is the 150th anniversary of both the Confederation of Canada and the founding of the Canadian Medical Association. It is a milestone opportunity for Canadian physicians to express our public spirit and to celebrate the accomplishments of our national medical association. Six Presidents of national and international medical / anesthesiology associations will offer observations on the value of professional association and the pride and commitment which are essential to both professional affiliation and national patriotism. Moderator Douglas DuVal President Canadian Anesthesiologists' Society Paul A Clyburn President Association of Anaesthetists of Great Britain and Ireland David Kibblewhite President New Zealand Society of Anaesthetists Laurent Marcoux President-elect Canadian Medical Association Jeff Plagenhoef President American Society of Anesthesiologists Paul Pomerantz CEO American Society of Anesthesiologists David M Scott President Australian Society of Anaesthetists

SUNDAY, JUNE 25, 2017

10:45-12:30

Airway
Management

Poster Discussions

Oral presentations of top 8 abstracts within the selected category.

Critical Care
Medicine;
Health
Management

12:30-13:30

Lunch in the Exhibit Hall

13:30-14:20

CJA Symposium
Research

Open Season: What's New in Academic Publishing

This 2 part session will address the current issues and controversies regarding the current use, need and mechanics surrounding open data in the field of anesthesia publishing.

Moderator
Hilary Grocott

Presenters
Philip Jones
Gregory Bryson

14:25-15:15

CARF Lecture
Perioperative

How Ultrasound Research is Changing Perioperative Anesthesia

There is significant interest among anesthesiologists on the use of bedside ultrasound. There was a large number of participants at the first 2016 CAS meeting ultrasound workshop day in Vancouver. Current literature is supporting the use of bedside ultrasound as a first line modality in hemodynamic unstable patients and in those with respiratory insufficiency using clinical trials. Guidelines are now published on bedside ultrasound training for anesthesiologists.

Moderator
Doreen Yee

Presenter
André Denault

13:30-15:15

**Archives
Symposium**
Education and
Simulation in
Anesthesia

The Contribution of Harold Griffith to Modern Anesthesia - 75th Anniversary of the Introduction of Curare into Clinical Practice

A review of the achievements of Dr Harold Griffith including his introduction of curare into clinical practice 75 years ago, his tenure as first president of the Canadian Anaesthetists' Society and first president of World Federation of the Societies of Anesthesiologists.

Moderator
Derek Dillane

Presenters
Francois Donati
David Bevan
John Savarese

SUNDAY, JUNE 25, 2017

13:30-15:15

Ethics Symposium
Ethics

Healthcare Communication and Social Media - The Ethics of Privacy in an Electronic World

Exploration of the rapidly expanding online world available to healthcare professionals including anesthesiologists and the potential benefits, risks and ethical challenges associated with incorporating social media into our clinical practice.

Moderator
David McKnight

Presenters
Karen Devon
Dennis Desai
Clyde Matava

Workshop
Airway Management

Front of Neck Access (FONA) Workshop

Participants will use ultrasound to describe and identify the anatomical neck landmarks; determine various surgical airway techniques in FONA including percutaneous Seldinger and open scalpel-bougie and practice surgical airway technical skills on various models including low fidelity trachea model to tissue pig trachea bleeding model.

\$350 per participant

Pre-registration Required

Workshop Leader
Eric You-Ten

Workshop Instructors
Kristina Khanduja
David Flamer
Naveed Siddiqui

Symposium
Ambulatory

Improving Perioperative Outcome in Ambulatory Patients, O2, Drugs and Airway

This session will provide a review of three aspects of anesthesia which may improve perioperative outcome in ambulatory surgical patients: 1) Apneic oxygenation 2) anesthetic agents and 3) airway management.

Moderator
David Wong

ASA, Canadian and DAS Airway Guidelines: What is my Take for Ambulatory Cases?

Presenter
Adam Law

Depth of Anesthesia and Patient Outcome

Depth of Anesthesia assessed by EEG and entropy has been linked to postoperative patient outcome. The current evidence of depth of anesthesia and postoperative outcome will be presented and potential application and implications will be provided.

Presenter
Matthew Chan

Nasal Oxygen in Patients at High Risk of Hypoxemia

To review the evidence of efficacy of apneic nasal oxygenation in patients at high risk of hypoxemia including patients with morbid obesity and respiratory diseases.

Presenter
Anil Patel

SUNDAY, JUNE 25, 2017

13:30-15:15

Workshop Regional and Acute Pain	Ultrasound Guided Regional Anesthesia Workshop: Truncal and Neuraxial Blocks This workshop will explore indications and standard ultrasound guided approaches to common truncal peripheral nerve blocks and scout neuraxial imaging for anesthesia and analgesia on live models. Approaches discussed will include Transversus Abdominus Plane (TAP), Rectus Sheath, Ilioinguinal/Iliohypogastric, Pecs and Serratus Plane blocks. Scout imaging of the lumbar neuraxis will also be discussed, with focus on patients with increased BMI, elderly, scoliosis, or previous back surgery.
\$350 per participant	
Pre-registration Required	Workshop Leader Ki Jinn Chin Workshop Instructors Rakesh Sondekoppam Faraj Abdallah Patrick Wong Chris Prabhakar Vishal Uppal

Symposium Pediatric Anesthesia	Journal Articles that Have Influenced My Practice Moderator Jonathan Gamble Presenters Amanda Whippey Margaret Livingstone Roman Gusztak
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Obstetric Anesthesia	Poster Discussions Oral presentations of top 8 abstracts within the selected category.
Acute and Chronic Pain	

15:15-15:45 Poster/Exhibit Hall Closing Reception

15:45-17:30

Section Event	Anesthesia Assistant AA's roles in Conscious Sedation at UHN
Pre-registration required	Moderator Mark Ratz
Section Members No fee	Presenter Rinko DeVito
Non members \$10	Joanne Bosche

SUNDAY, JUNE 25, 2017

15:45-17:30

Symposium
Perioperative

CAS Choosing Wisely: Where are we at?

This session is aimed at providing an update on the CAS Choose wisely campaign with new focus at its application to hemodynamic monitoring and pain management.

Moderator
Gregory Bryson

Is there a role for intraoperative routine use of Pulmonary Artery Catheter?

Presenter
Jason Tam

Choosing Wisely: An Update

Presenter
Kyle Kirkham

Choosing Wisely: Pain Management

Presenter
Hance Clarke

Refresher Course
Obstetric Anesthesia

Update in Obstetric Anesthesia

A review of 2 hot topics in obstetric anesthesia: Current recommendations for the airway management of the obstetric patient and the use of PIB labour epidural analgesia, including the evidence showing advantages and disadvantages of the technique.

Moderator
Clarita Margarido

Programmed Intermittent Epidural Bolus (#PIEB) for Labour Analgesia - Is This the Future?

Presenter
Ronald George

Airway Management in the Obstetric Patient

Presenter
Roanne Preston

Section Event
Chronic Pain Management

Beyond Steroids, PRP

Beyond steroids: Tendonopathy and Regenerative Injection Treatment Options
This session will review the mechanisms of tendon pathology, timeline of tendon pathology, imaging (ultrasound and MRI) of tendon pathology, review some of the recent literature on eccentric loading and exercise, steroid injections, Platelet Rich Plasma Injections, prolotherapy injections and percutaneous tenotomy.

Pre-registration required

Section Members
No fee

Moderators
John Hanlon, David Flamer

Non Members
\$20

Presenter
Michael Cicchetti

SUNDAY, JUNE 25, 2017

15:45-17:30

Symposium
Regional and
Acute Pain

Improving Patient Outcomes with Regional Anesthesia

Lecture series addressing the impact that regional anesthesia has on perioperative and longer-term patient outcomes in general, and in the specific areas of surgery for breast cancer, and trauma patients.

Moderator
Colin McCartney

Regional Anesthesia and Perioperative Outcomes
Edward Mariano

The Role of Regional Anesthesia in Trauma Surgery
Stephen Choi

Regional Anesthesia in Breast Surgery - When, Why, How
Patrick Wong

16:30-18:00

Section Event
Cardiovascular
and Thoracic
Anesthesia

Pro Con Debate: Volatile Anesthetics are Better Than TIVA for Thoracic Surgery

Are volatile anesthetic better than total intravenous anesthesia in thoracic surgery? Two experts in the field will argue both sides of this question in an informative and light-hearted debate. This session will also host the annual meeting of the members of the CVT Section of the CAS.

**Pre-registration
required**

Moderator
A. Stephane Lambert

Section Members
No fee

Presenters
Peter Slinger
Jens Lohser

Non Members
\$30

18:45

Tickets

CASIEF Gala Fundraising Dinner

Queen Victoria Place Terrace Restaurant
Reception: 18:45, Dinner: 19:30

Physicians: \$150

Students,
Residents & Non-
Physicians: \$100

Guest Speaker
Dr. Christopher Charles
Inventor of the "Lucky Iron Fish"
Resident Physician, Anesthesiology
University of Toronto

MONDAY, JUNE 26, 2017

07:30-08:00

Morning Coffee/Tea Service

08:00-08:50

Case Discussion This session will be a PBLD for a critical care case that will be of Relevance to anesthesiologists.
Critical Care
Presenter
Faisal Siddiqui

08:00-09:45

Residents' Competition

Moderators
Colin McCartney
Roanne Preston

Section Event **Case Discussion - Substance Abuse Disorder and Labour and Delivery**
Obstetric Pre-registration required (lecture 08:00 - 09:00; Section Business 09:00 - 09:45)
Anesthesia
An expert in obstetric anesthesia will present a case of a patient with a history of substance abuse and the challenges of managing her pain during labour and delivery. Following the discussion, we will have the Obstetric section business meeting.
Cost included with Annual Meeting Registration
Moderator
Ronald George
Pre-registration required
Presenter
Lisa Leffert

Symposium **Optimizing the Practice of Ultrasound and Regional Anesthesia**
Regional and Lecture series providing updates on the role of local anesthetic additives, discussing advances in
Acute Pain truncal block techniques, and point-of-care ultrasound applications for anesthesiologists.
Moderator
Shalini Dhir
Novel Thoracic-abdominal Plane Blocks
Ki Jinn Chin
Local Anesthetic Additives in Regional Anesthesia
Kwesi Kwofie
Practical Point-of-care Ultrasound Applications for Anesthesiologists
Richelle Kruisselbrink

08:55-09:45

Case Discussion **Change in Neuromonitoring During Carotid Endarterectomy**
Neuroanesthesia The Swinging Pendulum of Neuromonitoring During Carotid Endarterectomy (CAE)
Objectives:
1. Explain the current controversies of neuromonitoring in CEA
2. List the commonly used neuromonitors
3. Describe the diagnostic accuracy of each neuromonitor
Moderator
Lakshmikumar Venkat Raghavan
Presenter
Jason Chui

MONDAY, JUNE 26, 2017

09:45-10:00 Break

10:00-10:50

Refresher Course Update on Pulmonary Hypertension in Pediatric Patients

Pediatric Anesthesia
Moderator
Jeremy Luntley

Presenter
Katherine Taylor

10:00-11:45

Richard Knill Research Competition

Moderators
Gregory Bryson
Hilary Grocott

Symposium
Education and Simulation

Competency Based Medical Education for Anesthesia: The New Normal

In accordance with this years conference theme on Competence by Design (CBD) we take this opportunity to delve into how we got here, the current state of residency training and how we can make anesthesia the leaders in Competency Based Medical Education (CBME). Our panel discussion will serve as a sounding board to field the common questions related to how the change towards attainment and maintenance of competence will affect the trainee, faculty and the everyday anesthesiologist.

Moderator
Viren Naik

Presenters
Daniel Dubois
Janice Chisholm
Robert Anderson

10:55-11:45

Refresher Course Do Opioids Still Have a Role in Pain Medicine?

Chronic Pain Management

Safe Opioid Prescribing for Chronic Pain

The session will consist of short didactic presentations. Participants will discuss a case in segments between didactic presentations in order to reinforce key points in the session. The session will highlight the key components of prescribing – assessment, trial of therapy, monitoring and management of problems

Moderator
John Hanlon

Presenter
Peter MacDougall

12:00-13:00 Lunch

13:00-14:00 CAS Awards

14:00-14:45 Angela Enright Lecture

Presenter
Jason Frank