Scientific Program

www.cas.ca  June 24 – 28, 2011
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The 2011 Annual Meeting of the Canadian Anesthesiologists’ Society (CAS) will be held at the Metro Toronto Convention Centre (MTCC) and the Fairmont York Hotel. The overall goal of the meeting is to provide a forum for attendees to acquire and exchange knowledge and information relating to the practice of anesthesia. Although the target audience is primarily specialist anesthesiologists, the scope and nature of the presentations and programs are useful for family practice anesthesiologists, anesthesia residents, as well as anesthesia assistants, nurses, and allied health professionals.

Once again, the Annual Meeting Committee is bringing together a roster of outstanding leaders in anesthesiology and related fields to provide delegates with the latest thinking and the most up-to-date information. The conference will encompass the usual broad range of formats: refresher courses, symposia, workshops and case discussions.

The objective of this conference is to provide high-quality, interactive sessions that will allow registrants to gain state-of-the-art knowledge and will apply that knowledge to their practice. It is hoped that the achievement of the goals and objectives of the meeting will inspire delegates to reflect on their current practice and use the knowledge gained to improve delivery of anesthesia care and anesthesia-related services, as well as to expand the role of anesthesiologists in perioperative and pain management.
Dear Colleague:

As we gather in Toronto for the 2011 Annual Meeting of the Canadian Anesthesiologists’ Society (CAS), I wish to extend my personal greetings to all delegates and trust your stay will be enjoyable, educational and rewarding.

This year’s impressive Scientific Program—and not to forget the many other aspects of the annual meeting—has been ably developed and organized by the Annual Meeting Committee, chaired by Dr William Splinter. The program covers many topics of relevance and interest to our profession, and includes an excellent roster of leading-edge experts. From presentations on risk management in ambulatory care and discussions about ethical conflicts at end of life to specialty section events and hands-on workshops, there’s something for all interests and levels of experience.

**Scientific Program Highlights**

- **Annual Residents’ Day Program.** There will be ample opportunity for residents from across Canada to share and discuss ideas, and participate in an informative educational program tailored to Resident interests. I encourage all Residents to attend both the Annual Meeting and this dedicated program.

- **The 2011 plenary symposium, “Management of the Difficult Airway”,** will focus on airway management and features Dr Orlando Hung from Dalhousie University, Dr Laura Duggan from the University of British Columbia and Dr Holly Muir from Duke University.

- **Of particular interest to our French-speaking delegates will be sessions presented en français on Sunday, June 26 as part of our Francophone Track.**

- **On Monday, June 27,** Dr Beverley Orser, an award-winning researcher and anesthesiologist, will present the 2011 Royal College Lecture, “The Science of Anesthesia: Where Are We Now?”

Another important feature of the 2011 Annual Meeting is the Political Forum, “Physician Competence = Patient Confidence”, which promises to be a lively and informative session on Saturday, June 25. I am very pleased to be the Forum chair and the two presenters are Dr Craig Campbell, Director, Professional Affairs, Royal College of Physicians and Surgeons of Canada and John Swiniarski, Assistant Registrar, College of Physicians and Surgeons of Alberta.

There’s a lot more on the program and I urge you to read it carefully! On the social program, I hope you’ll join us at the combined Welcome Reception and the 10th Annual Golden Glottis Cup Challenge, the Canadian Anesthesia Research Foundation (CARF) Fun Run, the CAS IEF Dinner and a day trip to Ontario’s Niagara Region.

**Special Guest and Entertainer, Rick Mercer**

I am very pleased to announce that Rick Mercer of CBC Television’s *Rick Mercer Report* is our special guest this year at the President’s Reception and Dinner on Monday evening, June 27. Rick will entertain and amuse members with his hilarious presentation, *My Adventures in Canadian Television: an Evening with Rick Mercer.*

Thank you for joining us in Toronto! Be sure to explore the delights of Canada’s largest city and the many opportunities at the 2011 Annual Meeting.

Yours sincerely,

Richard Chisholm, MD FRCPC
President
Canadian Anesthesiologists’ Society
It gives me great pleasure to extend greetings and a warm welcome to everyone attending the 2011 Canadian Anesthesiologists’ Society (CAS) Annual Meeting.

CAS is a not-for-profit, voluntary organization committed to promoting excellence in patient care and advancing the medical practice of anesthesia through research and education.

This annual meeting is an opportunity to share knowledge, discuss issues of mutual interest and participate in a variety of workshops and seminars. It is also a chance to reconnect with friends and colleagues.

Whether you are from Toronto, a frequent or first-time visitor, I welcome you to our city and encourage you to visit the wonderful attractions and vibrant neighbourhoods Toronto is known for.

On behalf of Toronto City Council, please accept my best wishes for an informative and enjoyable conference.

Yours truly,

Mayor Rob Ford
City of Toronto
**General Information**

**Location of Sessions**
Scientific sessions will be held at the Metro Toronto Convention Centre (MTCC), North Building, unless indicated otherwise.

**Badges and Tickets**
A valid registration badge is required for admission to the Welcome Reception, Residents’ Reception, Exhibit Hall, CAS IEF Symposium and all scientific sessions, breakfasts, lunches, and breaks.

Tickets for all Workshops (unless otherwise indicated) and Section Events must be purchased and will be identified on the back of the conference badge. Seating is limited and tickets are issued on a first come, first serve basis.

**Accompanying Persons and Exhibitors**
Each accompanying person over the age of 12 will have the choice of a complimentary, full meeting or daily registration package. Complimentary registration allows attendance at the Welcome Reception and access to the Exhibit Hall on Friday only. Accompanying person registrations do not include entry to any of the scientific or educational conference sessions. All persons over the age of 12 attending the Welcome Reception must have a badge and therefore, must register.

Children 12 and under must be supervised by an adult at all times while inside the venue.

**Passport to Quebec City**
Be sure to bring the passport included in your registration kit when you visit the exhibitors. If you have your passport completed by exhibitor representatives from 10 different companies, you will be eligible to win prizes donated by various sponsors.

Drop the completed passport in the box at the registration desk. The draw will be held on Monday, June 27, 2011. The name of the winner will be posted in the registration area.

**Registration Hours**
The conference registration desk will be located at the Metro Toronto Convention Centre, in the main lobby and will be open during the following hours:

- **Friday, June 24:** 06:30 – 20:00
- **Saturday, June 25:** 06:30 – 17:00
- **Sunday, June 26:** 06:30 – 15:30
- **Monday, June 27:** 06:30 – 15:30
- **Tuesday, June 28:** 06:30 – 10:30

**Exhibit Hours**
Exhibits will be open in Hall A at the following times:

- **Friday:** 18:00 – 20:00
- **Saturday:** 09:30 – 16:00
- **Sunday:** 09:30 – 14:00

**Section Events**
The following Section Events are offered in conjunction with a breakfast or lunch. For more information about the topic, speakers and specific time and location, please refer to the Conference Program.

**Saturday, June 25**
11:30 to 13:00  
Cardiovascular and Thoracic (CVT) Luncheon  
Room: 201B

12:00 to 14:00  
Perioperative Luncheon  
Room: 201D

**Sunday, June 26**
08:00 to 09:30  
Ambulatory Breakfast  
Room: 103A

08:00 to 09:30  
Chronic Pain Management Breakfast  
Room: 103B

08:00 to 10:00  
Pediatric Breakfast  
Room: 201B

11:00 to 13:00  
Anesthesia Assistants’ Section Luncheon  
Room: 103A

12:00 to 14:00  
Neuroanesthesia Luncheon  
Room: 201B

**Wednesday, June 27**
11:30 to 13:30  
Obstetric Anesthesia Section Luncheon  
Room: 104B
Annual Business Meeting
The Annual Business Meeting will be held on Sunday, June 26 from 13:00 to 14:00. We urge all CAS Active Members to attend this important meeting.

Smoking
Smoking is strictly prohibited in all conference venues.

Tape Recorders
The use of any kind of recording equipment during sessions is allowed only with the express permission of the chair and speaker of that session.

Photography
Flash photography during sessions is not permitted. Please note that official photos will be taken during the Annual Meeting.

Personal Communication Devices
Please be respectful of your speakers and colleagues and be sure your cell phones/pagers are turned off or on mute at all times while attending sessions.

Annual Meeting Abstracts
Annual Meeting abstracts will be available online, before and during the meeting. Refresher Course outlines are available online.

A Cyber café with Internet access will be provided for registrants to access the abstracts. Those attendees who previously selected on the registration form that they would like to receive an Abstract CD of the Annual Meeting abstracts will receive one at the meeting.

After the meeting, only presented abstracts will be published in an online supplement of the Canadian Journal of Anesthesia.

Accreditation

Maintenance of Certification
This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification (MOC) Program of the Royal College of Physicians and Surgeons of Canada (RCPSC) and approved by the Canadian Anesthesiologists’ Society. Keep a record of the number of session hours you attend during the conference. Each hour of attendance at sessions during the Scientific Program is equal to one credit. Your registration receipt is accepted by the RCPSC as proof of attendance.

Please note: Physicians are responsible for keeping their personal MOC records and making them available for random auditing by the RCPSC.

Through an agreement between the American Medical Association (AMA) and the RCPSC the Canadian Anesthesiologists’ Society has designated this live educational activity, the 2011 CAS Annual Meeting, for a maximum of 25 AMA PRA category 1 credit(s) for those attending the 2011 CAS Annual Meeting. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Unaccredited events: Satellite Symposia, Product Theatres, CAS IEF Symposium
Satellite Symposia will be held between 14:00 and 16:00 on Saturday, June 25 and Sunday, June 26.
Product Theatres are brief, industry-generated educational events held on Saturday, June 25 and Sunday, June 26. Information on topics and speakers will be provided in your delegate kits at registration as well as on signage on the Trade Exhibit floor.

Steps to setting up Wireless Access
• Set SSID / Network Name to “CAAM2011”
• Click “OK” on any warning about unsecured network
• Click on Internet Browser Icon
• Wireless Login page will appear
• Click “Continue” Button

If you fail to connect please check the following:
• Disable WEP or other encryption security
• Disable any Proxy Settings for Internet Browser
• Ensure Web browser is pointed at a public web page i.e. Google

The CAS IEF Symposium will be held on Sunday, June 26. Details can be found further in this program.

These events are not accredited by the Canadian Anesthesiologists’ Society.

Faculty and Planning Committee Disclosures
Presenters listed in this program with an asterisk(*) next to their name have voluntarily acknowledged support from commercial firms for studies relating to their presentation, or their intent to discuss unlabelled use of any product or investigational products. See page 34 for details.
Welcome Reception and Glottis Cup Competition

The Welcome Reception and Glottis Cup Challenge will be held on Friday, June 24 from 18:00 to 20:00 and, for the first time, the two events have been combined. Join us in the Exhibit area in Hall A at the MTCC, North Building.

To add a little colour to the Reception and Competition, all are invited to come dressed as your favourite Canadian icon!

In the Glottis Cup Competition, contestants representing the various regions of the country will vie to bring home the world’s ugliest trophy. Those wishing to compete are asked to present themselves at the Glottis Cup desk set up just inside the exhibit hall entrance.

All registrants and accompanying persons over the age of 12 must possess a badge to gain admittance to the reception.

CAS IEF Symposium, Reception and Dinner

On Sunday, June 26, the CAS IEF Symposium, Reception and Dinner will be held at the St Andrew’s Club and Conference Centre (off-site at 150 King Street West, within walking distance of the Metro Toronto Convention Centre). Tickets are required for the dinner and will be taken at the entrance. Pre-registration is required for the Symposium; tickets are available at no charge.

The Symposium “CAS IEF and Humanitarian Medical Missions Around the World” will be held from 17:00 to 18:30. Chaired by Dr Franco Carli, it will also feature Dr Angela Enright, Dr Patricia Livingston and Dr Julie Williams as presenters. A reception follows at 18:30, with dinner from 19:00 to 22:00, and a presentation by Dr Alison Froese, our dinner guest speaker.

Further details can be found within the Conference Program.

Dinner sponsored by: Fresenius Kabi

President’s Reception and Dinner

The social highlight of the Annual Meeting is the President’s Reception and Dinner to be held at the MTCC on Monday evening, June 27, 2011. The reception promises to be a great networking opportunity, followed by a superlative dinner menu. There will be a reception with a cash bar from 18:30 to 19:30, immediately followed by dinner and the lively strains of a top-tapping blues band. Included in the cost of your dinner is one complimentary drink ticket.

As a highlight of the President’s Dinner, CAS presents Rick Mercer of CBC Television’s Rick Mercer Report. Mr. Mercer will entertain members with his hilarious presentation, My Adventures in Canadian Television: an Evening with Rick Mercer.

The presentation will draw on the best moments from his show, taking you behind the scenes of classic Canadian moments, including his Talking to Americans specials, and much more. On full display will be his understanding of what delights, and occasionally enrages us about our politicians, our media, our neighbours to the south, our unique pop culture, and our place in the world.

You must purchase tickets in advance to attend the dinner. The dress code for the evening is formal. Pre-assigned seating will be available.

Sponsored by: McNeil Consumer Healthcare

Day in Niagara – Wine Tasting Event

This year’s Wine Tasting Event will truly take you to the next level of wine appreciation. CAS is offering a Day in Niagara to experience some of Ontario’s best vintages. This event will be held on Saturday, June 25 at 09:00. The day consists of a three-course lunch and wine at Hillebrand Winery, a wine blending course, a visit to Niagara Falls, and a Maid of the Mist boat ride.

Social Event Tickets

Tickets must be purchased for all events except the Welcome Reception/Golden Glottis Cup Challenge and Residents’ Reception. For all ticketed events, tickets must be pre-purchased and presented at the door. Seating is limited and tickets are issued on a first come, first serve basis.

Location of Meals

Breakfasts, lunches and breaks will be served as follows:

**Friday**
Residents’ Day participants only; Breakfast, lunch, and refreshment breaks
Room: 201D

**Saturday**
Breakfast, lunch, and refreshment breaks
Room: Hall A

**Sunday**
Breakfast, lunch, and morning refreshment break
Room: Hall A
Afternoon refreshment break
Room: 107

**Monday**
Breakfast, lunch, and refreshment breaks
Room: 107

**Tuesday**
Breakfast and morning refreshment break
Room: 107

Social Activities and Speaker Information
**Alumni Events**

Five universities (University of Toronto, University of Manitoba, University of Western Ontario, University of British Columbia and Dalhousie University) are hosting alumni receptions on Saturday, June 25.

**University of Toronto**
Time: 17:30 – 19:30
Location: InterContinental Toronto Centre*, Kingsway Room, Main Floor

**University of Manitoba**
Invited: All current and former Department of Anesthesia & Perioperative Medicine, University of Manitoba faculty members, residents, fellows and their spouses.
Time: 17:00 – 19:30
Location: Toula Ristorante & Bar, 38th Floor, Westin Harbour Castle, One Harbour Square

**University of Western Ontario**
Time: 17:00 – 19:30
Location: InterContinental Toronto Centre*, Humber Room

**University of British Columbia**
Time: 17:00 – 20:00
Location: Fairmont Royal York Hotel, Frontenac Room

**Dalhousie University**
Time: 17:00 – 19:00
Location: InterContinental Toronto Centre*, Caledon Room (main lobby)

*InterContinental Toronto Centre address: 225 Front Street West, Toronto

**Residents’ Reception**
A special Residents’ Only Reception will be held on Friday, June 24 at 20:30, at Horizon’s Café in the CN Tower.

**Please note:** Residents must possess a badge to gain admittance to the reception.

**Sponsored by:** Fresenius Kabi

**CARF Fun Run**
The 2011 CARF Fun Run will be held on Sunday, June 26, from 07:00 to 10:00. It will start and finish at the MTCC, North Building and will go for about 9km along the beautiful Toronto Harbourfront.

**Sponsored by:** Hospira

**Tourism in Toronto**
This year, we are providing a Concierge Desk located in the main lobby of the MTCC, North Building, next to the CAS registration area. The desk will provide current information on all of the highlights and tourist attractions of Toronto. In addition, we have arranged for special discounted rates and packages for various attractions and shows. Be sure to talk to your concierge desk representative for dinner reservations, car rentals, taxi services, discounted spa packages and attraction tickets, dry cleaning options, and most any other concierge service you can imagine.

The concierge will operate according to the following schedule:
- Friday, June 24: 06:30 – 20:00
- Saturday, June 25: 06:30 – 17:00
- Sunday, June 26: 06:30 – 15:30
- Monday, June 27: 06:30 – 15:30
- Tuesday, June 28: 06:30 – 10:30

**Information for Speakers**
Audiovisual preview is available to speakers in Room 204 of the MTCC, during the following times:
- Friday: 15:00 – 20:00
- Saturday: 06:30 – 17:00
- Sunday: 06:30 – 17:00
- Monday: 06:30 – 17:00
- Tuesday: 06:30 – 12:30

Speakers for Residents’ Day should meet with the audiovisual technician in their meeting room. Please read the instructions in your registration package carefully or speak to staff at the registration desk if you require assistance. An AV technician will be available to assist you during the meeting.

**Emergency Medical Care**
In the event of an emergency, please contact the venue operator. All facilities will implement internal emergency procedures, which will provide the quickest possible response to any medical emergency. Simply pick up the nearest house phone and dial 0 or speak to a security guard to explain the situation.

**Information for Speakers**
Audiovisual preview is available to speakers in Room 204 of the MTCC, during the following times:
- Friday: 15:00 – 20:00
- Saturday: 06:30 – 17:00
- Sunday: 06:30 – 17:00
- Monday: 06:30 – 17:00
- Tuesday: 06:30 – 12:30

Speakers for Residents’ Day should meet with the audiovisual technician in their meeting room. Please read the instructions in your registration package carefully or speak to staff at the registration desk if you require assistance. An AV technician will be available to assist you during the meeting.

**Messages**
To leave or receive messages, please see the notice board in the registration area.
Floor Plans

Metro Toronto Convention Centre (MTCC)
255 Front Street West
Friday, June 24, 2011

06:30 – 20:00
Registration Open
Main Lobby

18:00 – 20:00
Welcome Reception, Glottis Cup Challenge and Trade Exhibit
Room: Hall A

Residents’ Day Program

Chair: Dr Tracy Kok, Anesthesia Department, Dalhousie University, Halifax, NS

07:30 – 08:10
Residents’ Breakfast
Room: 201D

08:00 – 08:15
Introduction by the CAS President
Room: 201F
Presenter: Dr Richard Chisholm, Dr Everett Chalmers Regional Hospital, Fredericton, NB

08:15 – 09:00
Session with the Chief Examiner
Room: 201F

Objectives:
• Identify key areas of study and strategies in preparation for the Royal College exam
• Outline the format of the written/oral exam
• Apply optimal studying strategies for group and self-preparation
• Identify high-yield areas
Presenter: Dr Pascal Labrecque, Department of Anesthesiology, Laval University, Quebec City, QC

09:00 – 09:45
Upcoming Changes to Anesthesia Practice – Incorporation of Anesthesia Assistants and Nurse Anesthetists
Room: 201F

Objectives:
• Determine the evolution of the CAS position on anesthesia assistance over the last 20 years
• List the current training opportunities in Canada
• Discuss the AA’s scope of practice
• Discuss how AAs and Nurse Specialists in Anesthesia will be incorporated into anesthesia practice in Canada
Presenter: Dr Pierre Fiset*, Department of Anesthesia, McGill University, Montreal, QC

09:45 – 10:00
Refreshment Break
Room: 201D

10:00 – 10:30
The Increasing Use of Ultrasound in Anesthesia
Room: 201F

Objectives:
• Identify how hand-held ultrasounds will affect anesthesia practice
• Summarize the use of ultrasound in improving patient safety
• Describe techniques for ultrasound-guided regional anesthesia
Presenter: Dr Vincent Chan*, Department of Anesthesia, University of Toronto, Toronto, ON

10:30 – 11:00
The Expanding Role of Anesthesiologists as Perioperative Consultants
Room: 201F

Objectives:
• Discuss perioperative medicine as a specialty
• Identify the role of anesthesiologists in this field
• Discuss perioperative medicine as a fellowship program
Presenter: Dr Michael McMullen, Department of Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON

11:00 – 11:30
Anesthesiologists and Their Regulator: How to Keep Out of Trouble with the College
Room: 201F

Objectives:
• Discuss common issues that anesthesiologists are disciplined for
• Identify common themes from Closed Claim Analysis
• List ways to improve patient safety and advocacy
Presenter: Dr Robert Byrick, Department of Anesthesia, University of Toronto, Toronto, ON

11:30 – 11:45
Refreshment Break
Room: 201D

11:45 – 12:30
New Drugs and Gadgets
Room: 201F

Objectives:
• Summarize emerging advancements in anesthesia
• Discuss new anesthesia drugs, technology and airway management
Presenter: Dr Orlando Hung, Anesthesia Department, Dalhousie University, Halifax, NS
12:30 – 13:15  
Leadership in Anesthesia  
Room: 201F  
**Objectives:**  
• Determine the factors that contribute to leadership in anesthesia  
**Presenter:** Dr Peter Slinger, Department of Anesthesia, University of Toronto, Toronto, ON

13:15 – 14:30  
Lunch  
Room: 201D

14:00 – 16:00  
Fellowship Fair with ACUDA  
Room: 201D  
14:00 – 15:30 AND 15:30 – 17:00  
Workshop RESIDENT  
Experience the Future of Simulation – An Interactive Learning Workshop  
Offsite: Allan Waters’ Family Patient Simulation Centre, Li Ka Shing Knowledge Institute, St Michael’s Hospital†  
**Objectives:**  
Residents will experience new technology and advancements in the realm of simulation, have the opportunity to manage a crisis scenario and take part in a valuable debrief session. And finally will include an airway portion which will consist of practice with emergency cricothyrotomy kits and fiberoptic intubations.  
**Leader:** Dr Megan Hayter, Department of Anesthesia, St. Michael’s Hospital, University of Toronto, Toronto, ON  
**Instructors:**  
Dr Deven Chandra, Department of Anesthesia, St Michael’s Hospital, University of Toronto, Toronto, ON  
Dr Mahnaz Asari, Department of Anesthesia, St Michael’s Hospital, University of Toronto, Toronto, ON  
†Please note: participants are to make their way to St Michael’s Hospital.

20:30 – 24:00  
Residents’ Reception at Horizon’s Café at the CN Tower

09:30 – 10:30  
Refreshment Break  
Room: Hall A

10:00 – 11:00  
Track Cardiovascular and Thoracic  
Refresher Course 1  
Pacemakers: What’s New?  
Room: 104D  
**Objectives:**  
By attending this session, participants will be able to:  
• Use a chest x-ray to distinguish between a conventional pacemaker and a defibrillator  
• Discuss relevant elements of a preoperative CIED evaluation  
• Discuss intraoperative care or the patient with a CIED  
• Identify useful methods to implement a perioperative CIED policy  
• Discuss the care of a patient with an implanted cardiac pulse generator  
**Chair:** Dr Richard Hall, Anesthesia Department, Dalhousie University, Halifax, NS  
**Presenter:** Dr Marc Rozner*, Department of Anesthesiology and Perioperative Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

Saturday, June 25, 2011

06:30 – 17:00  
Registration Open  
Main Lobby

06:30 – 08:30  
Delegate Breakfast  
Room: Hall A

07:30 – 09:30  
Track Airway Management  
PLENARY SYMPOSIUM:  
Management of the Difficult Airway  
Room: 105  
**Objectives:**  
The symposium will discuss:  
• The importance of airway assessment in predicting a difficult airway  
• Multiple plans in managing a predicted difficult airway  
• Airway management issues in different patient populations  
**Chair:** Dr William Splinter*, Chair, Annual Meeting Committee  
**Welcoming Remarks:**  
Dr Richard Chisholm, President, Canadian Anesthesiologists’ Society  
**Presenters:**  
Dr Laura Duggan, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, New Westminster, BC  
Dr Orlando Hung, Anesthesia Department, Dalhousie University, Halifax, NS  
Dr Holly Muir, Department of Anesthesiology, Duke University, Durham, NC

10:00 – 11:00  
Track Perioperative  
Case Discussion 1  
Coagulation and Hemodynamic Problems Associated with End-stage Liver Disease  
Room: 203B  
**Objectives:**  
After attending this case discussion, the participants will be able to:  
• Describe the pathophysiology of coagulopathy associated with end-stage liver disease
• Evaluate point-of-care monitoring and explain management options to treat the coagulopathy of liver disease
• Describe the mechanisms of perioperative hemodynamic instability in a patient with liver failure
• Evaluate the role of transesophageal echocardiography during liver transplantation and other non-cardiac surgery

Chair: Dr Wojciech Dobkowski, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

Presenters: Dr Achal Dhir, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Dr Christopher Harle, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

10:00 – 11:30
Track Perioperative
Refresher Course 2
The Year in Review: Top Perioperative Papers from 2010 to 2011
Room: 104B

Objectives:
Participants will discuss:
• “Hot” topics currently studied in perioperative medicine
• Top papers published from 2010 to 2011 in fields relevant to the perioperative care provided by anesthesiologists as well as studies currently underway that may affect our perioperative practice in the near future

Presenter: Dr Scott Beattie, Department of Anesthesia, University of Toronto, Toronto, ON

10:00 – 12:00 NEW TIME
Track Faculty Development
Workshop 1 – Non-ticketed
Using Audience Response Systems (I-Clickers) to the Max – Interactive Techniques for Large Groups
Room: 202D

Objectives:
Participants will acquire a repertoire of skills in using I-Clicker technology and be able to use I-Clickers to:
• Perform instant readings of audience knowledge
• Increase dialogue and interaction
• Use as a simple means to gather feedback/course evaluation data

Co-leader: Jane Tipping, Education Consultant, Continuing Professional Development, Canadian Anesthesiologists’ Society, Toronto, ON

Co-leader: Dr Martin Van Der Vyver, Department of Anesthesia, University of Toronto, Toronto, ON

Note: Participants are requested to bring their own laptops.

10:00 – 12:00
Track Regional and Acute Pain; Perioperative
Symposium 1
Perioperative Analgesic Techniques: What’s New in Pharmacology?
Room: 104A

Objectives:
At the end of the session, participants will be able to:
• Review and revise the new ASRA guidelines regarding anticoagulation and regional anesthesia with particular emphasis on newer anticoagulants
• State the rationale for considering the use of COX-2 inhibitors perioperatively
• Explore the new and evolving concepts in analgesic delivery

Chair: Dr Shalini Dhir*, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

Presenters:
Dr Asokumar Buvanendran*, Department of Anesthesiology, Rush University, Chicago, IL
Dr Terese Horlocker*, Department of Anesthesiology, Mayo Clinic, Rochester, MN
Dr Orlando Hung, Anesthesia Department, Dalhousie University, Halifax, NS

10:00 – 12:00
Track Regional and Acute Pain
Workshop 2
Ultrasound-guided Regional Anesthesia – Basic – Lower Limb
Room: 205D

Objectives:
The goal of this session is to examine the ultrasonographic appearance and location of the femoral, sciatic, saphenous, tibial and common peroneal nerves as well as basic ultrasound scanning techniques. Participants will gain experience in locating and identifying the major nerves of the lower limb, and have an opportunity to scan various nerves and their anatomy on live models.

Leader: Dr Kevin Armstrong, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

Instructors:
Dr Jonathan Brookes, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Dr Jeremy Hamming, Department of Anesthesiology and Pain Medicine, University of Alberta, Calgary, AB
Dr Paul McHardy, Department of Anesthesia, Sunnybrook Health Sciences Centre, Toronto, ON
10:00 – 12:00
**Track**: Regional and Acute Pain

**Workshop 3**
Ultrasound-guided Regional Anesthesia – Basic – Lower Limb
Room: 205C

**Objectives:**
Participants will discuss the ultrasonographic appearance and location of the femoral, sciatic, saphenous, tibial and common peroneal nerves as well as basic ultrasound scanning techniques. They will also gain experience locating and identifying the major nerves of the lower limb, and have an opportunity to scan various nerves and their anatomy on live models.

**Leader:** Dr Nicolas Dion, Department of Anesthesiology, Laval University, Quebec City, QC

**Instructors:**
- Dr Geneviève Germain, Department of Anesthesiology, Laval University, Quebec City, QC
- Dr Marie-Josée Nadeau, Department of Anesthesiology, Laval University, Quebec City, QC
- Dr Mélanie Roy, Department of Anesthesiology, Laval University, Quebec City, QC

10:30 – 11:30
**Track**: Obstetric Anesthesia; Education and Simulation in Anesthesia

**Workshop 5**
Evidence-based Clinical Practice: How to Use the Evidence Cycle to Improve Decision-making at the Individual Patient Level Using Literature
Room: 103A

**Objectives:**
This session will show participants how to quickly locate the evidence as well as how to determine the value of literature retrieved in helping to guide their clinical practice.

**Leader:** Dr Pamela Angle, Department of Anesthesia, University of Toronto, Toronto, ON

**Note:** Limited to 15 participants. Information will be emailed to participants in advance.

10:00 – 12:00
**Track**: Obstetric Anesthesia; Regional and Acute Pain

**Workshop 4**
Ultrasound for Labour Epidural
Room: 201F

**Objectives:**
After attending this workshop, the participant will be able to describe and discuss the ultrasound anatomy of the lumbar epidural space, as well as the equipment and machine settings required to utilize ultrasound in the visualization of the epidural space.

**Leader:** Dr Jose Carvalho, Department of Anesthesia, University of Toronto, Toronto, ON

**Instructors:**
- Dr Mrinalini Balki, Department of Anesthesia, University of Toronto, Toronto, ON
- Dr Ronald George, Anesthesia Department, Dalhousie University, Halifax, NS
- Dr Paul Wieczorek, Department of Anesthesia, SMBD Jewish Hospital, Montreal, QC

11:30 – 12:30
**Track**: Perioperative Case Discussion 2

Management of a Patient with Pulmonary Hypertension and Circulatory Assist Device
Room: 203B

**Objectives:**
After attending this case discussion, the participants will be able to:
- Describe the pathophysiology of pulmonary hypertension
- Evaluate newer management options for pulmonary hypertension
- Explain the role of mechanical assist devices in cardiogenic shock
- Describe the management of a patient with circulatory assist device for non-cardiac surgery

**Leader:**
- Dr Pamela Morgan, Department of Anesthesia, University of Toronto, Toronto, ON
- Dr Sunil Gupta, Chair – Reportable Incident Review Committee, College of Physicians and Surgeons of Alberta, Edmonton, AB
- Dr Matt Kurrek, Department of Anesthesia, University of Toronto, Toronto, ON
- Dr Bobbie Sweitzer, Department of Anesthesia and Critical Care, University of Chicago, Chicago, IL
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Chair: Dr Stuart McCluskey, Department of Anesthesia, University of Toronto, Toronto, ON

Presenters:
Dr Jens Lohser, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC
Dr Adriaan van Rensburg, Department of Anesthesia, University of Toronto, Toronto, ON

11:30 – 13:00
Track Cardiovascular and Thoracic; Equipment/Monitoring
SECTION EVENT: Cardiovascular and Thoracic Luncheon
Symposium 3
Debate: 3D ECHO is Part of the Standard of Care for Cardiac Anesthesia
Room: 201B

Objectives:
At the end of this session, participants will be able to determine the advantages and disadvantages of the merits of 3D ECHO as a standard of care during cardiac surgery.

Chair: Dr Richard Hall, Anesthesia Department, Dalhousie University, Halifax, NS

Presenters:
Dr Gregory Fischer, Department of Anesthesiology and Cardiac Surgery, Mount Sinai Medical Center, New York, NY (PRO)
Dr Stéphane Lambert, Cardiac Anesthesiology, University of Ottawa Heart Institute, Ottawa, ON (CON)

12:00 – 14:00
Track Perioperative; Critical Care Medicine and Trauma
SECTION EVENT: Perioperative Luncheon
Symposium 4
Update on Glycemic Control and Perioperative/Critical Care Outcomes
Room: 201D

Objectives:
The purpose of this session is to help participants:
• Identify the interventions used to achieve perioperative glycemic control
• Examine the current evidence on the effect of glycemic control on perioperative outcomes as well as on the effect of glycemic control on outcomes in the critical care setting

Chair: Dr Peter Choi, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC

Presenter: Dr Thomas Schricker, Department of Anesthesia, McGill University, Montreal, QC

13:00 – 15:00
Track Ambulatory; Perioperative
Symposium 5
Smoking and Anesthesia: Making “Quit” Happen
Room: 104A

Objectives:
This session is highly interactive and enables participants to:
• Determine how smoking affects surgical patients and the available resources that anesthesiologists can use to help their patients quit smoking
• Argue the reasons why anesthesiologists need to be anti-smoking campaigners
• Learn about the history of Stop Smoking for Safer Surgery and how to use media to promote awareness
• Articulate the essential components required to be in place to run a successful smoking cessation program in the pre-admission clinic
• Evaluate the therapeutic effects of Varenicline for smoking cessation as well as its use in the preoperative clinic

Chair: Dr Zeev Friedman, Department of Anesthesiology, Mount Sinai Hospital, Toronto, ON

Presenters:
Dr Frances Chung*, Department of Anesthesia, Toronto Western Hospital, Toronto, ON
Dr Barry Finegan, Department of Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB
Dr John Oyston, Department of Anesthesia, Scarborough General Hospital, Scarborough, ON
Dr David Warner, Department of Anesthesiology, Mayo Clinic, Rochester, MN

13:30 – 14:30
Track Cardiovascular and Thoracic; Critical Care Medicine and Trauma
Case Discussion 3
Pacemaker Malfunction: What To Do?
Room: 203B

Objectives:
By attending this session, participants will be able to:
• Discuss the ways in which a pacemaker might fail
• Examine cases and ECG strips to distinguish between true pacemaker malfunction and pseudomalfunction
• Discuss methods to mitigate pacing system malfunctions or failure(s)
• Examine methods to prevent both patient and pacemaker problems
**Presenter:** Dr Marc Rozner*, Department of Anesthesiology and Perioperative Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

**13:30 – 14:30**

**Track** Obstetric Anesthesia

**Refresher Course 3**

Maternal Cardiac Arrest in Labour and Delivery

Room: 103B

**Objectives:**

The presentation will:

• Identify the leading causes of maternal catastrophe

• Describe how maternal cardiopulmonary resuscitation differs from resuscitation for non-pregnant adults

• Suggest specific strategies to improve institutional preparation for peripartum cardiac arrest

**Chair:** Dr Jean Kronberg, Department of Anesthesia, Women's College Hospital, Toronto, ON

**Presenter:** Dr Jill Mhyre, Department of Anesthesiology, University of Michigan, Ann Arbor, MI

**13:30 – 14:30**

**Track** Pediatric

**Case Discussion 4**

Pediatric Anesthetic Challenges in a Community Hospital

Room: 203D

**Objectives:**

Using a case-based approach, participants will:

• Adopt a strategy for selection of suitable pediatric cases for a community hospital

• Develop an approach towards unexpected pediatric complications in the community setting

• Identify a plan for stabilization and transport of complex pediatric patients to a tertiary facility

**Presenter:** Dr Mark Gale, Department of Anesthesia, University of Calgary, Calgary, AB

**13:30 – 15:30**

**Track** Faculty Development

**POLITICAL FORUM**

Physician Competence = Patient Confidence

Room: 105

**Objectives:**

At the end of the session, participants will be able to:

• Describe the changes to the RCPSC Maintenance of Certification program

• Navigate their way easily through the new requirements and/or be able to create a working portfolio for themselves that incorporates measurements of competence

• Describe what the future assessment of competence of RCPSC Fellows may look like

• Discuss the Physician Achievement Review (PAR) program and allow individuals to determine its relevance to their own practice

**Chair:** Dr Richard Chisholm, President, Canadian Anesthesiologists' Society

**Presenters:** Dr Craig Campbell, Director, Professional Affairs, Royal College of Physicians and Surgeons of Canada, Ottawa, ON

Dr Gregory Fischer, Department of Anesthesiology and Cardiac Surgery, Mount Sinai Medical Center, New York, NY

Dr Hilary Grocott, Department of Anesthesia, University of Manitoba, Winnipeg, MB

Dr Thomas Lindsay*, Department of Surgery, University of Toronto, Toronto, ON

**14:00 – 16:00 NEW TIME**

**Track** Faculty Development

**Workshop 6 – Non-ticketed**

Intermediate PowerPoint Presentations

Room: 202D

**Objectives:**

Make your presentations more interactive and interesting through the use of special effects. In this workshop, you will build on your existing experience with PowerPoint, learning to enhance a presentation by modifying colours, backgrounds and templates,
and to provide greater impact. You also will learn how to customize notes and handout pages. Topics covered will include:

- Working with custom presentations
- Applying and customizing colour schemes
- Using custom templates
- Editing presentation masters
- Editing notes and handout masters
- Applying an animation scheme
- Animating text and objects

Leader: Jane Tipping, Education Consultant, Continuing Professional Development, Canadian Anesthesiologists’ Society, Toronto, ON

Instructor: Doug Buller, The Wilson Centre for Educational Research, Faculty of Medicine, University of Toronto, Toronto, ON

Note: This session is geared towards participants that are able to create basic PowerPoint presentations. Participants are requested to bring their own laptops with PowerPoint already installed.

15:00 – 16:00
Refreshment Break
Room: Hall A

15:00 – 16:00
Track Neuroanesthesia
Case Discussion 5
Neuroemergencies in the Recovery Room
Room: 203B

Objectives:
After participating in this case discussion, attendees will be able to:

- List a differential diagnosis for decreased level of consciousness for the neurosurgery patient in the Post-Anesthesia Care Unit
- Construct a management plan and identify specific patient characteristics indicating the need for neurosurgical involvement and/or return to the OR environment
- Predict patients with a high likelihood of poor prognosis in the Post-Anesthesia Care Unit based on pre-operative information

Presenter: Dr Timothy Turkstra, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

15:00 – 16:00
Track Pediatric; Ethics
Case Discussion 6
The Elephant in the Room: Addressing Ethical Dilemmas in the Pediatric Operating Room
Room: 203D

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

- Describe some ethical principles that will guide clinical decision-making in pediatric practice
- Apply ethical principles when faced with an ethical issue in the pediatric perioperative setting
- Apply some specific methods and strategies to address these issues

Presenter: Dr Cheryl Mack, Department of Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB

Sunday, June 26, 2011

FRANCOPHONE TRACK
Sessions noted in grey

06:30 – 15:30
Registration Open
Main Lobby

06:30 – 08:30
Delegate Breakfast
Room: Hall A

07:00 – 10:00
CARF Fun Run
Start: Metro Toronto Convention Centre, North Building – Main Lobby

08:00 – 09:00
Track Regional and Acute Pain
Refresher Course 4
Making Regional Anesthesia Work: When Your Block is Not Perfect
Room: 105

Objectives:
Participants will identify clinical applications of rescue blocks and other practical pharmacological techniques for managing incomplete peripheral nerve blocks.

Presenter: Dr Colin McCartney*, Department of Anesthesia, University of Toronto, Toronto, ON

08:00 – 09:00
Track Neuroanesthesia; Perioperative
Refresher Course 5
Perioperative Sodium Homeostasis
Room: 104D

Objectives:
After attending this session, participants should be able to:

- Define and explain the physiology of natremia homeostasis
- Appropriately manage patients presenting with natremia disorders perioperatively

Chair: Dr Hélène Pellerin, Department of Anesthesiology, Laval University, Quebec City, QC

Presenter: Dr Andrew Baker, Department of Anesthesia, University of Toronto, Toronto, ON
08:00 – 09:00
Track Perioperative Refresher Course 6
Update on Postoperative Cognitive Dysfunction
Room: 104C
Objectives:
This session will enable participants to:
• Examine the pathophysiology of postoperative cognitive dysfunction as well as the risk factors and predictors for the development of postoperative cognitive dysfunction
• Discuss the use of existing instruments for the diagnosis of postoperative cognitive dysfunction and evaluate the evidence for various interventions to prevent or treat postoperative cognitive dysfunction
Presenter: Dr Terri Monk, Department of Anesthesiology, Duke University Medical Center, Durham, NC

08:00 – 09:30
Track Ambulatory SECTION EVENT: Ambulatory Breakfast Symposium 7 Colonoscopy: Working Where the Sun Don’t Shine Room: 103A
Objectives:
At the end of this session, attendees will:
• Identify risks of sedation for gastrointestinal endoscopy
• Discuss sedation techniques for gastrointestinal endoscopy
• Determine the value of the roles of differing sedation providers
Chair: Dr Ian McConachie, Department of Anesthesia, St Joseph’s Health Care, London, ON
Presenter: Dr Christopher Harle, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

08:00 – 09:30
Track Cardiovascular and Thoracic; Critical Care Medicine and Trauma Symposium 8 Recognition, Assessment and Perioperative Management of Ventricular (Dys)function Room: 104A
Objectives:
At the end of the session, participants will be able to describe:
• The features and perioperative management of left ventricular systolic dysfunction
• The features and perioperative management of left ventricular diastolic dysfunction
• The features and perioperative management of right ventricular dysfunction
Chair: Dr Richard Hall, Anesthesia Department, Dalhousie University, Halifax, NS
Presenters:
Dr Robert Chen, Department of Anesthesia, University of Toronto, Toronto, ON
Dr André Denault*, Department of Anesthesiology, University of Montreal, Montreal, QC
Dr Barry Finegan, Department of Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB

08:00 – 10:00
Track Obstetric Anesthesia Symposium 10 Reducing Maternal Risk Room: 104B
Objectives:
Participants will be able to discuss anesthesia-related maternal mortality, how to reduce maternal risk from venous thromboembolism and determine what anesthesiologists should know to help manage fetal risk.
Chair: Dr Pamela Angle, Department of Anesthesia, University of Toronto, Toronto, ON
Presenters:
Dr Wee Shian Chan, Department of Obstetrics and Gynecology, University of Toronto, Toronto, ON
Dr Dan Farine, Department of Obstetrics and Gynecology, Mount Sinai Hospital, Toronto, ON
Dr Jill Mhyre, Department of Anesthesiology, University of Michigan, Ann Arbor, MI

08:00 – 10:00
Track: Pediatric; Critical Care Medicine and Trauma

SECTION EVENT: Pediatric Breakfast Symposium 11
What’s New in Pediatric Trauma Management?
Room: 201B

Objectives:
At the end of the session, attendees will:

- Have knowledge of the epidemiology and surgical aspects of the pediatric trauma patient
- Apply new evidence to optimize the initial stabilization and transport of the pediatric trauma patient
- Use new evidence to optimize the perioperative care of the pediatric trauma patient

Chair: Dr Marie-Josée Crowe, Department of Anesthesiology, University of Montreal, Montreal, QC

Presenters:
Dr Andrew Howard, Department of Surgery, University of Toronto, Toronto, ON
Dr Jeremy Luntley, Department of Anesthesia, University of Calgary, Calgary, AB
Dr Kimmo Murto, Department of Anesthesia, University of Ottawa, Ottawa, ON

08:00 – 10:00
Track: Regional and Acute Pain Workshop 7
Ultrasound-guided Regional Anesthesia – Basic – Upper Limb
Room: 205C

Objectives: Participants will discuss brachial plexus and upper limb nerve ultrasonography and basic ultrasound scanning techniques. They will also identify the ultrasonographic appearance and location of the brachial plexus and associated nerves, and have an opportunity to scan various nerves and their anatomy on live models.

Leader: Dr Marie-Josée Nadeau, Department of Anesthesiology, Laval University, Quebec City, QC

Instructors:
Dr Natalie Albert, Department of Anesthesiology, Laval University, Quebec City, QC
Dr Nicolas Dion, Department of Anesthesiology, Laval University, Quebec City, QC
Dr Alayne Kealey*, Department of Anesthesia, University of Toronto, Toronto, ON

08:00 – 10:00
Track: Regional and Acute Pain Workshop 8
Ultrasound-guided Regional Anesthesia – Basic – Upper Limb
Room: 205D

Objectives: Participants will explore brachial plexus and upper limb nerve ultrasonography and basic ultrasound scanning techniques. They will also describe the ultrasonographic appearance and location of the brachial plexus and associated nerves, and have an opportunity to scan various nerves and their anatomy on live models.

Leader: Dr Patricia Mykytiuk, Department of Anesthesia, University of Manitoba, Winnipeg, MB

Instructors:
Dr Ravi Kumbharathi, Department of Anesthesia, Burntwood Regional Health Authority, Thompson, MB
Dr Indu Singh, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Dr Eric Sutherland, Department of Anesthesia, University of Manitoba, Winnipeg, MB

08:00 – 10:00
Poster Discussion 1
Education
Room: 206B

Co-chair: Dr Lucie Filteau, Department of Anesthesia, University of Ottawa, Ottawa, ON
Co-chair: Dr Jordan Tarshis*, Department of Anesthesia, University of Toronto, Toronto, ON

08:00 – 10:00
Poster Discussion 2
Pharmacology: Basic Science and Clinical
Room: 206F

Co-chair: Dr Franco Carli, Department of Anesthesia, McGill University, Montreal, QC
Co-chair: Dr Craig Railton, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

09:30 – 14:00
Trade Exhibit
Room: Hall A

09:30 – 10:30
Refreshment Break
Room: Hall A

10:00 – 11:00
Track: Ambulatory; Perioperative Refresher Course 7
Top 10 Respiratory Anesthesia Practices that Drive Me Crazy
Room: 104C
Objectives:
This session will enable participants to:

• Identify common practices related to intraoperative ventilatory management that have no basis in physiology and no clinical evidence to support them
• Compare the risks and benefits of spontaneous breathing and new modes of mechanical ventilation during anesthesia

Chair: Dr Frances Chung*, Department of Anesthesia, Toronto Western Hospital, Toronto, ON
Presenter: Dr David Warner, Department of Anesthesiology, Mayo Clinic, Rochester, MN

10:00 – 12:00
Track Francophone; Airway Management
Symposium 12
Chirurgie et obésité – d’hier à aujourd’hui
Room: 201E
Objectives:
• Identify the various types of bariatric surgery
• Describe the risks associated with the various types of bariatric surgery
• Discuss the history of anesthesia techniques in a morbidly obese patient
• Define an anesthesia plan for a morbidly obese patient
• Define an anesthesia plan with respect to airway management in an obese patient

Chair: Dr François Donati, Department of Anesthesiology, University of Montreal, Montreal, QC

Objectives:
After this lecture, participants will be able to:

• Identify the best evidence currently available on the optimization of a critically ill child pre- and post-operatively with the use of blood transfusion and blood products
• Determine the appropriate triggers for blood transfusion in the postoperative care of a critically ill child
• Develop a strategy for rational blood transfusion practice in children, both in the operating room and in the postoperative period

Chair: Dr Marie-Josée Crowe, Department of Anesthesiology, University of Montreal, Montreal, QC
Presenter: Dr Jacques Lacroix*, Department of Pediatrics, University of Montreal, Montreal, QC

10:00 – 12:30
Track Cardiovascular and Thoracic; Critical Care Medicine and Trauma
Workshop 9
FOCUS ECHO Exam – Not Just the Heart Anymore
Room: 201F
Objectives:
At the end of this workshop, participants will be able to:

• Determine the utility of ECHO for the diagnosis of common conditions such as pleural effusion and hydronephrosis
• Describe some of the limitations of ECHO for this purpose
• Practice hands-on applications of ECHO for conditions other than cardiac function

Leader: Dr André Denault*, Department of Anesthesiology, University of Montreal, Montreal, QC
Instructors:
Dr Robert Chen, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Mark Kataoka, Department of Anesthesia, St Michael’s Hospital, Toronto, ON
Dr Alain Lamontagne, Department of Anesthesiology, University of Montreal, Montreal, QC

10:30 – 11:15
Track Pediatric; Critical Care Medicine and Trauma
PIERRE LIMOGES LECTURE
Refresher Course 8
The Appropriate Use of Blood Transfusion in Critically Ill Children
Room: 105
Objectives:
By the end of this session, participants should be able to:

• Explain applications for advanced sedation strategies
• Describe a number of advanced sedation techniques
• Evaluate and choose the most appropriate sedation strategies for their practice setting

Chair: Patrick Nellis*, Draeger Medical Canada, Toronto, ON
Presenter: Dr Paul Tumber*, Department of Anesthesia, University of Toronto, Toronto, ON
10:30 – 12:30
Track: Research
Symposium 14
Clinical Research Methods
Room: 104A
Objectives:
At the end of the session, participants will be able to apply basic clinical research methods and clinical appraisal to their current practice.
Chair: Dr Donald Miller, Department of Anesthesia, Ottawa General Hospital, Ottawa, ON
Presenters:
Dr Pamela Angle, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Stephen Halpern, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Christine Kurtz Landy, Faculty of Health, School of Nursing, York University, Toronto, ON

11:00 – 12:00
Track: Ambulatory; Perioperative
Case Discussion 7
Oh Sweet Mystery of Life: Diabetes Management in Ambulatory Patients
Room: 104D
Objectives:
By attending this session, participants will be able to:
• Evaluate risks versus benefits for management of diabetes in ambulatory surgical patients
• Assess current guidelines for management of diabetes in ambulatory patients
• Formulate management plans for managing diabetic ambulatory patients undergoing surgery
Chair: Dr Jean Wong, Department of Anesthesia, Toronto Western Hospital, Toronto, ON

Presenter: Dr Ian McConachie, Department of Anesthesia, St Joseph’s Health Care, London, ON

11:00 – 12:30
Track: Education and Simulation in Anesthesia
SECTION EVENT: Education and Simulation in Anesthesia Luncheon
Symposium 15
Anesthesia Residency: Can it be Completed in 3 Years? Exploring Competency-based Medical Education
Room: 201D
Objectives:
After the session, the participants will be able to:
• Describe time-based medical education curricula
• Define competency-based medical education
• Discuss the strengths and weaknesses of the different medical education models
Chair: Dr Viren Naik, Department of Anesthesia, Ottawa Hospital, University of Ottawa, Ottawa, ON
Presenter: Dr Brian Hodges, Department of Psychiatry, University of Toronto, Toronto, ON

11:00 – 13:00
Track: Regional and Acute Pain; Perioperative
SECTION EVENT: Regional and Acute Pain Luncheon
Symposium 17
Ultrasound and Regional Anesthesia
Room: 201B
Objectives:
At the end of the session, the participants will be able to:
• Identify the treatment options in the management of stroke including interventional radiology procedures and decompressive craniectomy, and discuss the pros, cons, indications and complications of each option
• Question the role of general anesthesia and sedation during the care of a patient having a stroke
Chair: Dr David Archer, Department of Anesthesia, University of Calgary, Calgary, AB
Presenters:
Dr Andrew Baker, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Melinda Davis, Department of Anesthesia, University of Calgary, Calgary, AB
Dr Christopher Wallace, Department of Surgery, University of Toronto, Toronto, ON

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Presenters:
Dr Vincent Chan*, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Sugantha Ganapathy, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Dr Kirit Patel, Department of Anesthesia, Rouge Valley Health System, Bowmanville, ON

11:00 – 13:00
Poster Discussion 3
Cardiovascular and Thoracic 1
Room: 206C
Co-chair: Dr Barry Finegan, Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB
Co-chair: Dr Blaine Kent, Anesthesia Department, Dalhousie University, Halifax, NS

11:00 – 13:00
Poster Discussion 4
Health Management, Genetics/Genomics & Equipment
Room: 206B
Co-chair: Dr Gregory L Bryson, Clinical Epidemiology Program, Ottawa Hospital Research Institute, Ottawa, ON
Co-chair: Dr Gerald Goresky, Department of Anesthesia, British Columbia Children’s Hospital, Vancouver, BC

11:30 – 12:30
Track Obstetric Anesthesia
Case Discussion 8
Managing the Hemorrhaging Parturient
Room: 104C
Objectives: Participants will discuss a difficult case and describe management of massive transfusion in the parturient.

Presenter: Dr Ronald George, Anesthesia Department, Dalhousie University, Halifax, NS
12:00 – 13:30
Delegate Buffet Lunch
Room: Hall A

12:00 – 14:00
Track Anesthesia Assistants
SECTION EVENT: Anesthesia Assistants’ Luncheon
Symposium 18
Complicated Cases of Procedural Sedation
Room: 103A
Objectives: At the end of this session, attendees will be able to:
• Describe numerous challenges of procedural sedation
• Identify challenging sedation scenarios in their own practice setting
• Determine strategies to effectively manage challenging procedural sedation cases
Chair: Patrick Nellis*, Draeger Medical Canada, Toronto, ON
Presenters:
Jeff Kobe, Department of Anesthesia, Winnipeg Regional Health Authority, Winnipeg, MB
Patrick Nellis*, Draeger Medical Canada, Toronto, ON
Richard Paradis, Anesthesia Assistant, Mount Sinai Hospital, Toronto, ON
Richard Suozzi, Anesthesia Assistant, St Joseph’s Hospital, Toronto, ON

13:00 – 14:00
Annual Business Meeting
Room: 105

14:00 – 16:00
Track Regional and Acute Pain
Workshop 10
Ultrasound-guided Regional Anesthesia – Advanced – Lower Limb
Room: 205C
Objectives: The purpose of this workshop is to increase participants’ knowledge of lower extremity anatomy for regional anesthesia. Participants will be able to:
• Describe detailed ultrasound scanning techniques for various approaches to the sciatic nerve, femoral, saphenous, lateral femoral cutaneous and obturator nerves
• Discuss the use of ultrasound-guided catheter insertion techniques, ambulatory catheters, local anesthetic infusions and adjuncts
• Scan various nerves and their anatomy on live models
Leader: Dr Colin McCartney*, Department of Anesthesia, University of Toronto, Toronto, ON
Instructors:
Dr Sanjib Adhikary, Department of Anesthesia, Pennsylvania State University, Hershey, PA
Dr Imad Awad, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Desiree Persaud, Department of Anesthesia, Ottawa Hospital, Ottawa, ON

14:00 – 16:00
Track Regional and Acute Pain
Workshop 11
Ultrasound-guided Regional Anesthesia – Advanced – Upper Limb
Room: 205D
Objectives:
This workshop will focus on the ultrasonographic appearance of the brachial plexus and major nerves of the upper limb. Participants will:
• Examine the use of interscalene, supraclavicular, infraclavicular, cervical plexus and axillary blocks
• Have an opportunity to scan the brachial plexus anatomy on live models
• Discuss the use of ultrasound-guided catheter insertion techniques, ambulatory catheters, local anesthetic infusions and adjuncts

Leader:
Dr Andrew Sawka, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC

Instructors:
Dr Derek Dillane, Department of Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB
Dr Alayne Kealey*, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Ahtsham Niazi, Department of Anesthesia, University of Toronto, Toronto, ON

14:00 – 16:00
Track: Cardiovascular and Thoracic
Workshop 12
Portable Ultrasound for the Anesthesiologist: Not Just For Blocks and Lines
Room: 201F

Objectives:
At the end of the session, participants will be able to:
• Review the history of non-radiology ultrasound
• Examine perioperative issues that can be addressed with portable ultrasound

Note: Ultrasound modalities for undifferentiated shock diagnosis and resuscitation will also be demonstrated.

Leader: Dr Robert Chen, Department of Anesthesia, University of Toronto, Toronto, ON

Instructors:
Dr Mark Kataoka, Department of Anesthesia, St Michael's Hospital, Toronto, ON
Dr Alain Lamontagne, Department of Anesthesiology, University of Montreal, Montreal, QC

14:00 – 16:00
Track: Francophone; Pediatric
Symposium 19
Anesthésie pédiatrique: Impacts de l’anesthésie sur le développement du nouveau-né – Amygdalectomie et apnée du sommeil chez l’enfant
Room: 201E

Objectives:
• Discuss current knowledge about the impact of anesthesia on the development of the newborn
• Discuss details related to the anesthesia approach in preparation for tonsillectomy surgery in a child with sleep apnea
• Design an anesthesia plan for a child with sleep apnea in preparation for a tonsillectomy

Chair: Dr Marie-Josée Nadeau, Department of Anesthesiology, Laval University, Quebec City, QC

Presenters:
Dr Pierre Fiset*, Department of Anesthesia, McGill University, Montreal, QC
Dr Sophie Saindon, Department of Anesthesiology, University of Montreal, Montreal, QC

14:00 – 16:00
Poster Discussion 5
Cardiovascular and Thoracic 2
Room: 206C

Co-chair: Dr Hilary Grocott, Department of Anesthesia, University of Manitoba, Winnipeg, MB

Co-chair: Dr Surita Sidhu, Department of Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB

14:00 – 16:00
Poster Discussion 6
Obstetric Anesthesia 1
Room: 206F

Co-chair: Dr Pamela Morgan, Department of Anesthesia, University of Toronto, Toronto, ON

Co-chair: Dr Stephen Halpern, Department of Anesthesia, University of Toronto, Toronto, ON

14:00 – 16:00
Poster Discussion 7
Critical Care & Neuroanesthesia
Room: 206B

Co-chair: Dr Miguel Arango, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

Co-chair: Dr Alexis F Turgeon, Department of Anesthesiology, Laval University, Quebec City, QC

14:30 – 15:30
Track: Patient Safety
Case Discussion 9
Cerebral Oxygen Monitoring in Cardiovascular/Non-cardiac Surgery: Practical Guidelines and Case Discussion
Room: 104C
**Objectives:**

At the end of the session, participants will be able to:

- Discuss the principle of NIRS and describe the difference between the technologies currently available
- Discuss the use of cerebral oximetry as part of a multimodal neuromonitoring strategy in cardiac and non-cardiac surgery
- Assess the recent scientific developments in using cerebral oximetry in non-cardiac surgery, such as thoracic, spine surgery and surgery in various positions

**Presenters:**

Dr Gregory Fischer, Department of Anesthesiology and Cardiac Surgery, Mount Sinai Medical Center, New York, NY
Dr Thomas Hemmerling, Department of Anesthesia, McGill University, Montreal, QC

**14:30 – 15:30**

**Track** Ambulatory; Regional and Acute Pain

**Case Discussion 10**

Is That a Painkiller?

Room: 104D

**Objectives:**

At the end of the session, participants will be able to:

- Describe the analgesic role and potential of Dexamethasone and Melatonin
- Discuss the role of multimodal analgesics in clinical practice
- Evaluate the place of Dexamethasone and Melatonin in clinical practice

**Chair:** Dr Ian McConachie, Department of Anesthesia, St Joseph’s Health Care, London, ON

**Presenter:** Dr Edwin Seet, Department of Anesthesia, Alexandra Health Care, Singapore, Republic of Singapore

**14:30 – 15:30**

**Track** Education and Simulation in Anesthesia

**Symposium 20**

Anesthesia in the 21st Century: Getting the Most Out of Your iPad/iPhone

Room: 104B

**Objectives:**

After participating in this interactive session, participants will be able to:

- Determine clinical and education applications for handheld devices
- Improve efficiencies/dissemination in the delivery of clinical care and education using handheld devices
- Incorporate handheld devices in the delivery of anesthesia

**Chair:** Dr Deven Chandra, Department of Anesthesia, University of Toronto, Toronto, ON

**Presenter:** Dr Nick Lo, Department of Anesthesia, University of Toronto, Toronto, ON

**14:30 – 16:00**

**Track** Research; Cardiovascular and Thoracic

**Symposium 21**

Canadian Anesthesia Research Updates in Patient Safety, Cardiovascular and Perioperative Imaging

Room: 104A

**Objectives:**

As a result of participating in this update, participants will be able to:

- Summarize the evidence related to the use of inhaled milrinone in cardiac surgery
- Discuss the status of anesthetics and neurobehavioural changes in children
- Describe the TAP block and its use for post-C/S pain

**Chair:** Dr Neal Badner*, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

**Presenters:**

Dr André Denault*, Department of Anesthesiology, University of Montreal, Montreal, QC
Dr Dolores McKeen*, Anesthesia Department, Dalhousie University, Halifax, NS
Dr Davinia Withington, Department of Anesthesia, McGill University, Montreal, QC

**15:00 – 16:00**

**Refreshment Break**

Room: 107

**15:00 – 16:00**

**Track** Perioperative

**Refresher Course 9**

Update on Perioperative Renal Dysfunction

Room: 105

**Objectives:**

Participants will be able to:

- Describe the epidemiology of perioperative renal dysfunction
- Describe the predictors of perioperative renal dysfunction
- Examine the evidence for interventions to prevent and treat perioperative renal dysfunction

**Presenter:** Dr Robert Sladen*, College of Physicians and Surgeons, Columbia University, New York, NY

**17:00 – 22:00**

**CAS IEF Symposium, Reception and Dinner**

St Andrew’s Club & Conference Centre

150 King Street West, 27th Floor of the Sun Life Financial Tower, Toronto, ON

Symposium: 17:00 – 18:30

**CAS IEF and Humanitarian Medical Missions Around the World**

Room: St Andrew’s Hall

**Chair:** Dr Franco Carli, Anesthesia, McGill University, Montreal, QC

**Presenters:**

Dr André Denault*, Department of Anesthesiology, University of Montreal, Montreal, QC
Dr Dolores McKeen*, Anesthesia Department, Dalhousie University, Halifax, NS
Dr Davinia Withington, Department of Anesthesia, McGill University, Montreal, QC
Presenters:
Dr Angela Enright, President, World Federation of Societies of Anaesthesiologists, Victoria, BC
Dr Patricia Livingston, Department of Anesthesia, Dalhousie University, Halifax, NS
Dr Julie Williams, IWK Health Centre, Halifax, NS

Note: This is a non-accredited symposium.

Reception: 18:30 – 19:00
Room: St Andrew’s Lounge

Dinner: 19:00 – 22:00
Room: Main Dining Room

Dinner Guest Speaker: Dr Alison Froese, Queen’s University, Kingston, ON

Monday, June 27, 2011

06:30 – 15:30
Registration Open
Main Lobby

06:30 – 08:30
Delegate Breakfast
Room: 107

08:00 – 09:00
Track: Cardiovascular and Thoracic; Critical Care Medicine and Trauma
Case Discussion 11
Esophagectomy
Room: 103B

Objectives:
Using a case discussion format, this presentation describes current surgical and anesthetic decision-making surrounding the management of a patient presenting for esophagectomy.

Chair: Dr Peter Slinger, Department of Anesthesia, University of Toronto, Toronto, ON

08:00 – 09:30
Track: Pediatric
Symposium 22
Pediatric Publications that have Changed My Practice
Room: 104D

Objectives:
After this session, participants will be able to:

- Discuss recently published evidence on a variety of topics applicable to the pediatric patient
- Better appraise evidence from the pediatric anesthesia literature

Chair: Dr Larry Roy, Department of Anesthesia, University of Toronto, Toronto, ON

08:00 – 10:00
Track: Regional and Acute Pain
Workshop 13
Ultrasound-guided Regional Anesthesia – Advanced – Torso
Room: 205C

Objectives:
By attending this session, participants will be able to:

- Describe paravertebral, intercostals, iliohypogastric, ilioinguinal, rectus sheath and TAP blocks as well as spine scanning for epidural space and dural depth assessment
- Increase their knowledge of relevant anatomy and ultrasound techniques
- Have an opportunity to scan relevant anatomy on live models

Leader: Dr Shalini Dhir*, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

Instructors:
Dr Ki Jinn Chin, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Jennifer Szerb*, Anesthesia Department, Dalhousie University, Halifax, NS
Dr Luminita Tureanu, Department of Anesthesiology, Northwestern University, Chicago, IL
08:00 – 10:00
Track Ethics
Symposium 23
CAS ETHICS SYMPOSIUM 2011:
Ethical Conflict at the End of Life: Withdrawal of Treatment, Physician-assisted Death, and the Use of Societal Resources
Room: 104C
Objectives:
Following this symposium, attendees will be able to:
• Describe the ethical basis for withdrawal of treatment at the end of life
• Outline the principles for substitute decision-making when the patient lacks capacity
• Discuss the principles for resolving conflict between caregivers and patients’ families
• Describe the ethical and legal considerations for physician-assisted death

Chair: Dr David McKnight, Department of Anesthesia, University of Toronto, Toronto, ON
Presenters:
Dr David McKnight, Department of Anesthesia, University of Toronto, Toronto, ON
William Sullivan, Guild Yule LLP, Barristers & Solicitors, Vancouver, BC

08:00 – 10:00
Track Education and Simulation in Anesthesia
Workshop 14 – Non-ticketed
Teaching Communication and Behavioural Skills Using Situational Video Clips in a Web-based Format
Room: 104B
Objectives:
This session will enable participants to:
• Describe the value of web-based education to improve communication and teamwork skills

Presenters:
Dr Geoff Bellingham*, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Dr Asokumar Buvanendran*, Department of Anesthesiology, Rush University, Chicago, IL
Dr Ian Gilron*, Department of Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON

08:00 – 10:00
Track Cardiovascular and Thoracic; Equipment/Monitoring
Workshop 15
Echo-guided Vascular Access
Room: 205D
Objectives:
At the end of this workshop, attendees will be able to:
• Determine the indications and limitations of echo-guided vascular access
• Discuss echographic guidance technique and normal neck and groin vascular anatomy (live interactive demonstration)
• Practice superficial echography visualization optimization (healthy volunteers)
• Practice echo-guided puncture technique (mannequin)

Leader: Dr Jean-Sébastien Lebon*, Department of Anesthesiology, Montreal Heart Institute, Montreal, QC
Instructors:
Dr Christian Ayoub, Department of Anesthesiology, Montreal Heart Institute, Montreal, QC
Dr André Denault*, Department of Anesthesiology, University of Montreal, Montreal, QC

08:00 – 10:00
Track Regional and Acute Pain
Symposium 24
Opioid Tolerance and Pain
Room: 104A
Objectives:
After participation in this symposium, attendees will be able to:
• Describe the challenges of acute pain relief in opioid tolerant patients
• Assess the role of different analgesic drugs and techniques in providing acute pain relief in this population
• Apply latest evidence in their practice
• Expand the present and future in research
• List major risk and protective factors for the transition of acute pain to chronic pain and identify the rationale for and approaches to preventive analgesia

Chair: Dr Jim Watson, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Presenters:
Dr Geoff Bellingham*, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON
Dr Asokumar Buvanendran*, Department of Anesthesiology, Rush University, Chicago, IL
Dr Ian Gilron*, Department of Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON
08:00 – 10:00
Poster Discussion 8
Obstetric Anesthesia 2
Room: 206F
Co-chair: Dr Alison MacArthur, Department of Anesthesia, University of Toronto, Toronto, ON
Co-chair: Dr Joanne Douglas, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC

08:00 – 10:00
Poster Discussion 9
Patient Safety
Room: 206C
Co-chair: Dr Pamela Morgan, Department of Anesthesia, University of Toronto, Toronto, ON
Co-chair: Dr Ludwik Fedorko*, Department of Anesthesia, Toronto General Hospital, University Health Network, Toronto, ON

09:30 – 10:30
Poster Discussion 10
Regional Anesthesia
Room: 206F
Co-chair: Dr Marie-Josée Nadeau, Department of Anesthesiology, Laval University, Quebec City, QC
Co-chair: Dr Indu S Singh, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

09:30 – 10:30
Poster Discussion 11
Airway Management & Ambulatory
Room: 206B
Co-chair: Dr Ian McConachie, Department of Anesthesia, St Joseph’s Health Care, London, ON
Co-chair: Dr Jean Wong, Department of Anesthesia, Toronto Western Hospital, Toronto, ON

10:00 – 11:30
Richard Knill Research Competition
Room: 105
Objectives: The objective for the Richard Knill Competition is to encourage scientific excellence among anesthesiologists in Canada.
Co-chair: Dr François Donati, Department of Anesthesiology, University of Montreal, Montreal, QC
Co-chair: Dr Donald Miller, Department of Anesthesia, Ottawa General Hospital, Ottawa, ON

11:00 – 13:00
Poster Discussion 12
Obstetric Anesthesia 2
Room: 206F
Co-chair: Dr Alison MacArthur, Department of Anesthesia, University of Toronto, Toronto, ON
Co-chair: Dr Joanne Douglas, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC

11:00 – 12:30
Track Cardiovascular and Thoracic; Critical Care Medicine and Trauma
Case Discussion 13
Interesting TEE Cases
Room: 103B
Objectives: Using a variety of cases, participants will discuss management options based on TEE findings in the perioperative periods.
Chair: Dr Robert Chen, Department of Anesthesia, University of Toronto, Toronto, ON

Presenters:
Dr Rosaleen Chun, Department of Anesthesia, Foothills Medical Center, Calgary, AB
Dr Edgar Hockmann, Department Critical Care Medicine, Sunnybrook Health Science Centre, Toronto, ON
Dr Christopher Hudson, Department of Anesthesia, Ottawa Hospital, University of Ottawa, Ottawa, ON
Dr Massimiliano Meineri, Department of Anesthesiology, Toronto General Hospital, Toronto, ON
Dr Sophia Wong, Department of Anesthesia, Sunnybrook Health Sciences Centre, Toronto, ON

11:30 – 12:30
Track Regional and Acute Pain
Symposium 25
Debate: Single-shot Block or Continuous Catheter: Which is Best for Orthopedic Surgery?
Room: 104A
Objectives: Participants will explore the pros and cons of single vs. continuous peripheral nerve blocks and discuss the merits and demerits of two commonly used techniques.
Presenter:
Dr Derek Dillane*, Department of Anesthesiology and Pain Medicine, University of Alberta, Edmonton, AB
Dr Jennifer Szerb*, Anesthesia Department, Dalhousie University, Halifax, NS
11:30 – 12:30  
**Track**  
**Neuroanesthesia**

**Symposium 26**
Top Neuroanesthesia Articles of the Year
Room: 104D

**Objectives:**
*After participating in this session, participants will be able to:*
- Discuss recent publications relevant to neuroanesthesia
- Develop critical appraisal skills to evaluate clinical research articles
- Integrate new data in their practice

**Chair:** Dr Hélène Pellerin, Department of Anesthesiology, Laval University, Quebec City, QC

**Presenters:**
- Dr David Archer, Department of Anesthesia, University of Calgary, Calgary, AB
- Dr Alexis Turgeon, Department of Anesthesiology, Laval University, Quebec City, QC

11:30 – 13:30  
**Track**  
**Obstetric Anesthesia**

**SECTION EVENT:** Obstetric Anesthesia Luncheon

**Symposium 27**
Eating in Active Labour: Can I Get Fries With That?
Room: 104B

**Objectives:**
*Participants will be able to discuss current issues related to eating during labour in the form of a pro and con debate. These issues will include:*
- The risks and benefits of eating in labour
- Current professional guidelines on this topic
- Arguments for and against food intake in this patient population

**Presenter:** Dr Giselle Villar, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC

12:00 – 13:30  
**Delegate Buffet Lunch**
Room: 107

13:00 – 14:00  
**Track**  
**Regional and Acute Pain**

**Refresher Course 10**
The Year in Review: Top Regional Anesthesia Papers of 2010 – 2011
Room: 103B

**Objectives:**
*Participants will be able to list and discuss important publications of clinical relevance to regional anesthesia published over the past year.*

**Presenter:** Dr Anahi Perlas, Department of Anesthesia, University of Toronto, Toronto, ON

14:15 – 15:30  
**CAS Awards Ceremony**
Room: 105

15:00 – 16:00  
**Refreshment Break**
Room: 107

15:30 – 16:30  
**Track**  
**Patient Safety**

**ROYAL COLLEGE LECTURE**
The Science of Anesthesia: Where are We Now?
Room: 105

**Objectives:**
*Participants will be able to describe the importance of scientific discovery to patient care and the specialty of anesthesiology, and a novel anesthetic receptor that modifies memory and pain.*

**Chair:** Dr Richard Chisholm, President, Canadian Anesthesiologists’ Society

**Presenter:** Dr Beverley Orser, Department of Anesthesia, University of Toronto, Toronto, ON

18:30 – 23:00  
**President’s Reception and Dinner**
Guest Speaker: Rick Mercer
Reception: 18:30 – 19:30
Room: Foyer of Room 106
Dinner: 19:30 – 23:00
Room: 106

**Tuesday, June 28, 2011**

06:30 – 10:30  
**Registration Open**
Main Lobby

06:30 – 08:30  
**Delegate Breakfast**
Room: 107

08:00 – 09:00  
**Track**  
**Obstetric Anesthesia**

**Case Discussion 14**
Obstetric Anesthesia and Substance Abuse
Room: 104D

**Objectives:**
*Through active discussion, participants will be able to describe the pitfalls of managing parturients with substance abuse.*

**Presenter:** Dr Giselle Villar, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC
08:00 – 10:00
Track Risk Management
Symposium 28
Away From the Mother Ship: Risk Management in Ambulatory Care
Room: 104B
Objectives:
At the end of this session, participants will be able to:
• Identify two clinical situations in ambulatory care associated with medico-legal risks
• Develop three risk management strategies to improve patient safety
• Apply good documentation practice to enhance defensibility of their work
Chair: Dr Lorraine Legrand-Westfall, Director of Regional Affairs, Canadian Medical Protective Association, Ottawa, ON
Presenters:
Dr Lorraine Legrand-Westfall, Director of Regional Affairs, Canadian Medical Protective Association, Ottawa, ON
Sarit E Batner, Partner, McCarthy Tetrault, Toronto, ON

08:00 – 10:00
Poster Discussion 12
Pediatric Anesthesia
Room: 206B
Co-chair: Dr Mark Crawford, Department of Anesthesiology, Hospital for Sick Children, Toronto, ON
Co-chair: Dr Simon Whyte, Department of Anesthesia, BC Children’s Hospital, Vancouver, BC

08:00 – 10:00
Poster Discussion 13
Pain: Acute & Chronic – Basic & Clinical
Room: 206F
Co-chair: Dr William McKay*, Department of Anesthesiology, Perioperative Medicine and Pain Management, University of Saskatchewan, Saskatoon, SK
Co-chair: Dr Geoff Bellingham*, Department of Anesthesiology and Perioperative Medicine, University of Western Ontario, London, ON

08:00* – 13:00
Track Airway Management
Workshop 16
Surgical Airways: Enhancing Your Skills From Mannequins to Hybrid Pig Trachea – High-fidelity Patient Simulator to Human Cadavers
Offsite: Mount Sinai Hospital Skills Centre and PREPS Simulation Centre
Objectives:
This session will enable participants to:
• Acquire the skills of performing different techniques of cricothyrotomy
• Become familiar with various cricothyrotomy sets
• Demonstrate skills acquisition on simulated hybrid pig trachea-high fidelity patient simulator and human cadaver
• Review the evidence on surgical airway
Leader: Dr Eric You-Ten, Department of Anesthesiology, Mount Sinai Hospital, Toronto, ON
Instructors:
Dr Cristian Arzola, Department of Anesthesia and Pain Management, Mount Sinai Hospital, Toronto, ON
Dr Zeev Friedman, Department of Anesthesiology, Mount Sinai Hospital, Toronto, ON
Dr Massimiliano Meineri, Department of Anesthesiology, Toronto General Hospital, Toronto, ON
Dr Naveed Siddiqui, Department of Anesthesiology, Mount Sinai Hospital, Toronto, ON
Dr Catherine Wong, Department of Anesthesiology, Mount Sinai Hospital, Toronto, ON
*Please report to the Main Lobby of the Metro Toronto Convention Centre for transportation at 07:45.

08:30 – 10:30
Track Neuroanesthesia; Critical Care Medicine and Trauma
Workshop 17
Transcranial Doppler (TCD): Overview and Hands-on
Room: 205C
Objectives:
After participating in this session, the participants will be able to:
• Discuss cranial arterial anatomy appropriate for sonography
• Explain the significance of cerebral flow velocity in normal and cerebral disease
• Participate in Transcranial Doppler examination guided by “D” colour Doppler
Co-leader: Dr Robert Chen, Department of Anesthesia, University of Toronto, Toronto, ON
Co-leader: Dr Andrea Rigamonti, Department of Anesthesia, University of Toronto, Toronto, ON
Instructors:
Dr Andrew Baker, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Victoria McCredie, Department of Critical Care, St Michael’s Hospital, University of Toronto, Toronto, ON
Dr Simone Piva, Post-Doctorial Fellowship, University of Toronto, Toronto, ON

All educational sessions and other conference events are to be held in the Metro Toronto Convention Centre (MTCC), North Building (255 Front Street West), unless noted otherwise.
10:00 – 11:00
Refreshment Break
Room: 107

10:00 – 11:00
Track Perioperative; Cardiovascular and Thoracic

Case Discussion 15
Management of Cardiac Rhythm Devices (Pacemakers and AICD’s) in the Perioperative Period
Room: 104D

Objectives:
After attending this presentation, participants will be able to:
• Describe the concerns with electrocautery in patients with cardiac rhythm devices
• Assess the effects of magnet placement, and use of a magnet in the management of cardiac rhythm devices
• Determine the place for reprogramming cardiac rhythm devices in the perioperative period and the advantages and risks of reprogramming CRDs

Chair: Dr Richard N Merchant,
Department of Anesthesia, University of British Columbia, New Westminster, BC

Presenter: Dr Raymond Yee, Division of Cardiology, University of Western Ontario, London, ON

10:30 – 12:30
Track Risk Management

Symposium 29
Checking on Both Sides of the Blood Brain Barrier: Medico-legal Issues of the Surgical Safety Checklist
Room: 104B

Objectives:
At the end of this session, participants will be able to:
• List two clinical situations where a surgical safety checklist would improve patient safety
• Identify two medico-legal risks associated with the surgical safety checklist
• Apply good documentation practice to enhance defensibility of their work

Chair: Dr Lorraine Legrand-Westfall,
Director of Regional Affairs, Canadian Medical Protective Association, Ottawa, ON

Presenters:
Dr Lorraine Legrand-Westfall, Director of Regional Affairs, Canadian Medical Protective Association, Ottawa, ON
Christopher Hubbard, Partner, McCarthy Tetrault, Toronto, ON
The Canadian Anesthesiologists’ Society congratulates this year’s Honour Award winners!

Delegates are cordially invited to attend the Awards Ceremony in room 105, Metro Toronto Convention Centre (MTCC) on Monday, June 27, 2011, at 14:15 to 15:30.

CAS Gold Medal Award

Dr Wojciech Dobkowski (London)
In recognition of dedication to clinical practice, teaching, research and mentoring and outstanding contributions to anesthesiology in Canada.

CAS Research Recognition Award

Dr Alan Mutch (Winnipeg)
In recognition of outstanding research and contributions to the knowledge base of anesthesiology and perioperative medicine.

CAS Clinical Teacher Award

Dr David Archer (Calgary)
In recognition of his outstanding commitment and dedication to the teaching of clinical anesthesiology and ability to stimulate interest in residents and students.

CAS Clinical Practitioner Award

Dr Michael Bautista (St. John’s)
In recognition of his ability to provide innovative solutions to clinical problems in the everyday anesthesia environment.

John Bradley Young Educator Award

Dr Geoff Zbitnew (St. John’s)
In recognition of outstanding contributions to anesthesia medical education.
2011 Faculty and Planning Committee Disclosures

Neal Badner
Stock shareholder: Baxter Corp
Stock shareholder: Johnson & Johnson

Geoff Bellingham
Honorarium: Janssen-Ortho Inc.
Intends to discuss investigational product(s)

Norman Buckley
Grant/Research Support: Pfizer
Honorarium: Purdue

Jean Bussières
Financial or Material Support: Merck Canada

Asokumar Buvanendran
Grants/Research Support: Pfizer, Johnson & Johnson
Consultant: Pfizer, Johnson & Johnson, Cadence
Honorarium: Pfizer, Johnson & Johnson, Cadence
Intends to discuss investigational product(s)
Intends to discuss unlabelled drug use

Vincent Chan
Grant/Research Support: BK Medical, GE Healthcare, Philips, SonoSite
Honorarium: BK Medical, Philips

Frances Chung
Research Grant: Pfizer

André Denault
Consultant: Research Project: Pfizer
Consultant: Development: Covidien
Intends to discuss unlabelled drug use

Shalini Dhir
Grants/Research Support: Physicians Services Incorporated Foundation

Ludwik Fedorko
Stock Sharehold (Directly Purchased): Thornhill Research Inc.
Honorarium: Thornhill Research Inc.

Pierre Fiset
Intends to discuss investigational product(s)
Intends to discuss unlabelled drug use

Ian Gilron
Grants/Research Support: Apotex, Ethypharm, Novopharm and Pfizer
Consultant: Johnson & Johnson, Astra Zeneca, Pfizer, Eli Lilly and Wex Pharmaceuticals
Intends to discuss unlabelled drug use
Intends to discuss investigational product(s)

Terese Horlocker
Intends to discuss unlabelled drug use

Alayne Kealey
Honorarium: Speaker: Pfizer Canada

Jacques Lacroix
Consultant: Scientific Report: Novo Nordisk
Intends to discuss investigational product(s)

Jean-Sébastien Lebon
Honorarium: Speaker: Fresenius Kabi
Honorarium: Speaker: Edwards
Consultant: Advisory Board: Fresenius Kabi
Consultant: Advisory Board & Teaching: Edwards

Thomas Lindsay
Consultant: COOK Canada

Colin McCartney
Honorarium: Purdue Pharma

William McKay
Intends to discuss unlabelled drug use

Dolores McKeen
Grant/Research Support: Merck Canada, sponsor of ReCITE Trial

Patrick Nellis
Employee: Draeger Medical Canada

Marc Rozner
Intends to discuss unlabelled drug use
Intends to discuss investigational product(s)

Robert Sladen
Honorarium: Speaker: Orion Pharma Finland
Honorarium: Speaker: Hospira Japan
Intends to discuss unlabelled drug use
Intends to discuss investigational product(s)

William Splinter
Grant/Research Support: Hospira
Stock Shareholder (Directly Purchased): Bristol Myers Squibb

Jennifer Szerb
Honorarium: Pfizer – Speaker for talks on Multimodal Analgesia
Material Support from Arrow and SonoSite for US guided Regional Anesthesia Workshops-Provision of Ultrasound machines, and needles

Jordan Tarshis
Stockholder: CAE Inc.

Paul Tumber
Honorarium: Janssen-Ortho Inc
Intends to discuss investigational product(s)
Oral Competitions

Residents’ Competition

Co-chairs:
Dr Homer Yang, Department of Anesthesiology, University of Ottawa, Ottawa, ON
Dr Pierre Fiset*, Department of Anesthesia, McGill University, Montreal, QC

Monday, June 27
08:00 – 09:30
Room: 105

1064190
Tracheal Intubation Through the I-GEL Supraglottic Airway Versus the LMA Fastrach: A Randomized Controlled Trial
Presenter: Antoine Halwagi, Anesthesiology, Centre Hospitalier de l’Universite de Montreal, Montreal, QC
Co-authors: Nathalie Massicotte, Alexandre Lalio, Alain Gauthier, Daniel Boudreault, Monique Ruel, Francois Girard

1065977
Effect of LTA Kit And Intra-Cuff Alkalised Lidocaine On Coughing
Presenter: Frederick D’Aragon, Anesthesie-Réanimation, Université de Sherbrooke, Sherbrooke, QC
Co-authors: Yanick Sansoucy, Rene Martin

1067051
Is a Higher Score on the Stop-Bang Questionnaire Associated with a Higher Incidence of Postoperative Complications?
Presenter: Mandeep Singh, Anesthesia, University of Toronto, Toronto, ON
Co-authors: Hisham Elsaid, Peter Liao, Emma Sasaki, Sazzadul Islam, Frances Chung

Richard Knll Competition

Co-chairs:
Dr François Donati, Department of Anesthesiology, University of Montreal, Montreal, QC
Dr Donald Miller, Department of Anesthesia, Ottawa General Hospital, Ottawa, ON

Monday, June 27
10:00 – 11:30
Room: 105

1067578
The Impact of Anesthesia Assistants on Anesthesiology in Canada
Presenter: Jason Denis Cyr, Anesthesia and Perioperative Medicine, Kingston General Hospital, Kingston, ON
Co-authors: Drew McLaren, Robert Tanzola, Elizabeth Van Den Kerkhof, Dale Engen

1067905
Canadian Anesthesia Workforce Assessment 2010
Presenter: Drew McLaren, Anesthesiology, Queen’s University, Kingston, ON
Co-authors: Jason Denis Cyr, Robert Tanzola, Richard Chisholm, Elizabeth Van Den Kerkhof, Dale Engen

1067926
Inflammation Increases the Efficacy of Anesthetics in Mouse Neurons
Presenter: Sinziana Avramescu, Anesthesiology, University of Toronto, Toronto, ON
Co-authors: Dian-Shi Wang, Beverley Orser

1065372
ß1-Antagonism Preserved Brain Perfusion in Anemic Rats
Presenter: Tina Hu, Institute of Medical Science, University of Toronto, Toronto, ON
Co-authors: David Mazer, Elaine Liu, Scott Beattie, Gregory M Hare

1065397
Sugammadex at Deep Block vs Neostigmine at Moderate Block
Presenter: Götz Geldner, Klinikum Ludwigsburg, Ludwigsburg, Germany
Co-authors: Minna Niskanen, Edward Nicolayenko, Päivi Laurila, Henk Rietbergen, Martine E Prins

1066898
Tenfold Medication Errors in Pediatric Hospital Practice
Presenter: Conor McDonnell, Anesthesia and Pain Medicine, Hospital for Sick Children, Toronto, ON
Co-author: Catherine Doherty

1066990
Propofol Enhances Vasodilation in Captopril-Treated Rats
Presenter: Ferrante Gragasin, Anesthesiology, University of Alberta, Edmonton AB
Co-author: Sandra T Davidge

1067367
Cerebral Oximetry: The Impact of Extracranial Contamination
Presenter: Sophie Davie, Department of Anesthesia, University of Manitoba, Faculty of Medicine, Winnipeg, MB
Co-author: Hilary P Grocott

All educational sessions and other conference events are to be held in the Metro Toronto Convention Centre (MTCC), North Building (255 Front Street West), unless noted otherwise.
1055888
Can High-Fidelity Simulation Measure Canmeds Competencies of Communicator, Collaborator and Manager During Simulated Critical Events?
Presenter: Gregory L Bryson, Anesthesiology, University of Ottawa, Ottawa, ON
Co-authors: Michelle Chiu, Simone Crooks, John Kim, George Dumitrascu, Robert Elliott

1056926
Cricothyroidotomy Skill Retention After a Single Simulation Session
Presenter: Sylvain Boet, Department of Anesthesia, St Michael's Hospital, Toronto, ON
Co-authors: Bruno Borges, Viren Naik, Lyndon W Siu, Matthew D Bould, Nicole Riem, Hwan S Joo

1065033
Maternal Cardiac Arrest: Residents’ Performance in Simulated Scenarios
Presenter: Mrinalini Balki, Anesthesia and Pain Management, Mount Sinai Hospital, University of Toronto, Toronto, ON
Co-authors: Sharon Davies, Andrea Hards, Aliya Salman, Magda Erik-Soussi, Susan Dunington

1065643
Web-Based Virtual Bronchoscopy Simulator Improves Knowledge of Bronchial Anatomy and Lung Isolation
Presenter: David Wong, Anesthesia, Toronto Western Hospital, University of Toronto, Toronto, ON
Co-authors: Geoffrey Dugas, George Kanellakos, Shikha Thapar, Peter D Slinger

1066956
“Gioset” a Reliable and Valid Evaluating Tool to Assess Medical Core Competencies During Crisis Simulation
Presenter: Dylan Bould, Anesthesiology, Children’s Hospital of Eastern Ontario, Ottawa, ON
Co-authors: Sylvain Boet, Victor Neira Steve Noseworthy, Amy Rodgers, Devin Sydor, Philipp Mossdorf, Nick Barrowman, Viren Naik, Stan Hamstra

1066995
In Situ Simulation and Identification of System Errors
Presenter: Elaine Ng, Department of Anesthesia and Pain Medicine, Hospital for Sick Children, Toronto, ON
Co-authors: M Elizabeth McLeod, Jane Tipping, Savithiri Ratnapalan

1062117
Intraoperative Stability of Patients with Carcinoid Syndrome Treated with Long-Acting Octreotide
Presenter: Jon Borger, Anesthesia, University of Western Ontario, London, ON
Co-authors: Neal Badner, Daryl Gray

1063662
Intraoperative Dilemma: Anaphylaxis Caused by Patent Blue Dye
Presenter: Vidur Shyam, Anesthesiology, Queen’s University, Kingston, ON
Co-authors: Robert Tanzola, Dale Engen, Anne K Ellis

1063663
IL-1β Increases α5GABAA Receptor Activity in Vitro And Causes Memory Deficits in Wild Type But Not GABRA5/- Mice in Vivo
Presenter: Dian-Shi Wang, Physiology, University of Toronto, Toronto, ON
Co-author: Beverley Orser

1065003
Oral Whey Protein Decreases Protein Breakdown and Increases Protein Balance In Surgical Patients. A Stable Isotope Study
Presenter: Lorraine Chow, Anesthesiology and Perioperative and Pain Medicine, Brigham and Women’s Hospital, Boston, MA
Co-authors: Bhavani S Kodali, Michael N D’Ambra
**Activation of α5GABA Receptors by Inhaled Anesthetics is Reversed by L655,708 in Mouse Neurons**

**Presenter:** Yiqing Yin, Anesthesia, Toronto Western Hospital, Toronto, ON
**Co-authors:** Robert P Bonin, Beverley Orser

**Brachial Plexus Injury During Robotic Radical Prostatectomy**

**Presenter:** Jerome F O’Hara, Anesthesiology, Cleveland Clinic, Cleveland, OH
**Co-author:** Jagan Devaraj

**Fenoldopam Renal Effects in Solitary Partial Nephrectomy**

**Presenter:** Jerome O’Hara, Anesthesiology, Cleveland Clinic, Cleveland, OH
**Co-authors:** Edward J Mascha, Angela Bonilla

**High Frequency Ventilation for Off Pump Coronary Artery Bypass**

**Presenter:** Alain Deschamps, Anesthesiology, Montreal Heart Institute, Montreal, QC
**Co-authors:** Eric Roussel, Raymond Cartier, Antoine Rochon, Jean-Sébastien Lebon, Christian Ayoub, Jennifer Cogan, André Denault

**Choice of Colloid Influences Postoperative Bleeding in Cardiac Surgery**

**Presenter:** Jean-Sébastien Lebon, Anesthesiology, Montreal Heart Institute, Montreal, QC

**Post-Operative Blood Loss in Cardiothoracic Surgery**

**Presenter:** Alain Deschamps, Anesthesiology, Montreal Heart Institute, Montreal, QC
**Co-authors:** Eric Roussel, Raymond Cartier, Antoine Rochon, Jean-Sébastien Lebon, Christian Ayoub, Jennifer Cogan, André Denault
1066709 SPONSORED BY: CARF
Short Term Atorvastatin Regime for Vasculopathic Subjects
Presenter: Dave Neilipovitz, Anesthesiology, The Ottawa Hospital, Ottawa, ON
Co-authors: Gregory L Bryson, Monica Taljaard

1066747
Elective Valve in Valve During Taavis in Degenerated Aortic Xenografts
Presenter: Chirojit Mukherjee, Anesthesia and Intensive Care II, Leipzig Heartcenter, Leipzig, Germany

1066945
What is the Best Time to Quit Smoking Before Surgery? A Meta-Analysis
Presenter: Amir Abrishami, Anesthesia, University of Toronto, Toronto, ON
Co-authors: Jean Wong, David P Lam, Matthew Chan, Frances Chung

1067370
Anatomical, Hemodynamic and Echographic Study of the Right Internal Jugular Vein During Insertion of Central Venous Catheterisation
Presenter: Catherine Lavallée, Anesthésiologie, Institut de Cardiologie de Montréal, Montreal, QC
Co-authors: Christian Ayoub, Alain Deschamps, André Denault

1067409
Does Preoperative Echocardiography Affect Outcomes After Surgery?
Presenter: Duminda Wijeysundera, Anesthesia, University of Toronto, Toronto, ON
Co-authors: Scott Beattie, Keyvan Karkouti, Mark D Neuman, Peter C Austin, Andreas Laupacis

1068103
Comparison of Two Different Modes of Postoperative Sedation in Coronary Bypass Patients. A Pilot Study
Presenter: Rafeek Mikhail, Anesthesia and Pain Management, Toronto General Hospital, Toronto, ON
Co-authors: Angela Jerath, Tony T Chandy, Rita Katznelson, Jacek Karski, George Djaiani, Marcin Wasowicz

1068813
The Effect of Hypothermia Level on Propofol Requirements Based on Bispectral Index in CABG Surgery
Presenter: Omid Aghadavoudi, Anesthesiology Department, Faculty of Medicine, Isfahan University of Medical Sciences, Isfahan, Islamic Republic of Iran
Co-author: Yaser Mirhosseini

1069545
The Effect of Prophylactic Oral Pentoxifylline on Post-Operative Organ Function in CABG Surgery
Presenter: Omid Aghadavoudi, Anesthesiology Department, Faculty of Medicine, Isfahan University of Medical Sciences, Isfahan, Islamic Republic of Iran
Co-author: Mahnaz Moshirfatemi

1054972
Capillary Refill Time Assessment Using a Mobile Phone Application
Presenter: Walter Karlen, Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC
Co-authors: Chris Petersen, Amelia Pickard, Erin Cooke, Dorothy Myers, Jonathan Stinson, Guy Dumont, J Mark Ansermino

1065213
Physicians’ Beliefs About Routine Pre-Op Electrocardiograms
Presenter: Gregory L Bryson, Anesthesiology, The Ottawa Hospital, Ottawa, ON
Co-authors: Andrea Patey, Rafat Islam, Jeremy Grimshaw

1065628
Predicting Enhanced Care Unit Use in Elective Surgery
Presenter: Serena Shum, Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON
Co-authors: Robert Tanzola, Michael McMullen, Wilma M Hopman, Dale Engen

1065957
Barriers & Facilitators to the Adoption of a Wireless Computer System
Presenter: David Goldstein, Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON

1066901
Disparate Motion-Resistant SPO2 and Pulse Rate Parameters
Presenter: Gerald Goresky, Department of Anesthesia, British Columbia Children’s Hospital, Vancouver, BC
Co-author: Elizabeth H Du
1066979
Effect of Prehabilitation on Surgical Recovery
Presenter: Franco Carli, Anesthesia, McGill University, Montreal, QC
Co-authors: Llaine Feldman, Patrick Charlebois, Barry Stein

1067551
Prehabilitation with Multimodal Interventions to Enhance Preoperative Functional Capacity. A Pilot Study
Presenter: Franco Carli, Anesthesia, McGill University and Multinova Medical Centre, Montreal, QC
Co-authors: Patrick Charlebois, Barry Stein, Sender Liberman, Gilbert Blaise, Llaine Feldman

1064319
The Immediate Preoperative Brain Natriuretic Peptide (BNP) Identifies the Risk of Early Postoperative Cardiac Complications in Patients with Stable Heart Disease Undergoing Abdominopelvic Surgery
Presenter: Rony Berrebi, Anesthesiology and Critical Care, Nice Teaching Hospital, France
Co-authors: Mona Bonciu, Olivier Perus, Marc Raucoules-Aimé, Michel Carles

1064642
Endovascular Approach is Associated with Lower Delirium Rates After Aortic Aneurysm Repair
Presenter: Piotr Wolski, Department of Anesthesia & Pain Management, Toronto General Hospital, Toronto, ON
Co-authors: Rita Katznelson, Thomas F Lindsay, Adriaan van Rensburg, Scott Beattie, George Djaiani

1064692
Preoperative Depression and Postoperative Arrhythmia in Elective CABG Surgery
Presenter: Rita Katznelson, Department of Anesthesia and Pain Management, Toronto General Hospital, Toronto, ON
Co-authors: Christiana Burt, Shahar Lavi, Scott Beattie, Rupal Shah, Jo Carroll, George Djaiani

1065215
Anesthetic Management for a Large Mediastinal Mass
Presenter: Jeffrey Keilman, Department of Anesthesia, McGill University Health Centre, Montreal, QC
Co-authors: Dominic Mayrand, Simcha Kleiman

1066169
Anesthetic Management of Patient With DLVOTO with Sam Undergoing Redo Liver Transplant
Presenter: Debashis Roy, Anesthesia (Transplant), University of Toronto, Toronto, ON
Co-author: Fiona E Railey

1066539
A Case of Pseudo-Severe Aortic Stenosis
Presenter: Rebecca Gerlach, Anesthesiology, Queen’s University, Kingston, ON
Co-authors: Robert Tanzola, Rene Allard

1066669
Intraoperative Conversion to Valve in Valve Procedure During Taavis
Presenter: Chirojit Mukherjee, Anesthesia and Intensive Care II, Leipzig Heartcenter, Leipzig, Germany
Co-authors: Sarah Eibel, Adrawaan J Rastaan, Thomas Walther, Heinz Tschernich, Joerg Ender

1066806
Combined Heart & Liver Transplant: Our Experience
Presenter: Pratyush Gupta, Anesthesia, London Health Science Center, University of Western Ontario, London, ON
Co-authors: Achal Dhir, Wojciech Dobkowski, David Sommerfreund

1066870
Inhaled Milrinone in Patients: Predictors of Difficult CPB-Weaning
Presenter: Alain Deschamps, Department of Anesthesiology, Montreal Heart Institute, Montreal, QC
Co-authors: France Varin, Anne Q N Nguyen, Louis P Perrault, André Denault
1067326
Anatomical Characteristics of the Axillary Vessels by Ultrasound
Presenter: Catherine Lavallée, Anesthésiologie, Institut de Cardiologie de Montréal, Montreal, QC
Co-authors: Christian Ayoub, Alain Deschamps, André Denault

1067457
Can the Orthopat System Reduce Allogeneic Transfusion at Arthroplasty?
Presenter: Adrienne Carr, Anesthesia, University of Calgary, Calgary, AB
Co-authors: Rebecca Rock, Charles Macadams

Poster Discussion 6 Obstetric Anesthesia 1

Co-Chairs:
Dr Pamela Morgan, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Stephen Halpern, Department of Anesthesia, University of Toronto, Toronto, ON
Sunday, June 26
14:00 – 16:00
Room: 206F

1064693
Fetal Benefit of Maternal Oxygen Supplementation During Elective Cesarean Section Under Neuraxial Anesthesia: A Systematic Review
Presenter: Kristine Marmai, Anesthesiology, Schulich School of Medicine, University of Western Ontario, London, ON
Co-authors: Indu S Singh, Philip Jones

1064855
Anesthetic Management of a Parturient with Severe Mitral Stenosis: A Case Report and Literature Review
Presenter: Kristine Marmai, Anesthesiology, Schulich School of Medicine, University of Western Ontario, London, ON
Co-authors: Sudha I Singh, Thomas Quach

1065134
Sequential Combined Spinal-Epidural for Cesarean Delivery in a Patient with Achondroplastic Dwarfism
Presenter: Lorraine Chow, Anesthesiology and Perioperative and Pain Medicine, Brigham and Women's Hospital, Boston, MA
Co-author: McCallum R Hoyt

1065269
Postpartum Headache Workup Identifies Thoracic Pseudomeningocele
Presenter: Lindsay Hurlburt, Anesthesia and Pain Management, Mount Sinai Hospital, University of Toronto, Toronto, ON
Co-authors: Radhika Marwah, Samah Hassan, Jose C Carvalho

1066179
Intermittent Epidural Bolus (IEB) Compared to Continuous Epidural Infusions (CEI) for Labor Analgesia: A Systematic Review and Meta-Analysis
Presenter: Ronald George, Department of Women's and Obstetric Anesthesia, IWK Health Centre, Halifax, NS
Co-authors: Terrence K Allen, Dolores McKeen, Ashraf S Habib

1066487
Remifentanil vs Fentanyl for IV Patient-Controlled Labor Analgesia
Presenter: Mrinalini Balki, Anesthesia and Pain Management, Mount Sinai Hospital, Toronto, ON
Co-authors: Michael G Fehlings, Christine Lay, Jose C Carvalho, Niall Fanning

1066602
Lumbar Dural Sac Volume Assessed by Spinal Ultrasound Predicts Sensory Block Extent During Combined Spinal Epidural for Labor
Presenter: Cristian Arzola, Department of Anesthesia and Pain Management, Mount Sinai Hospital, Toronto, ON
Co-authors: Mrinalini Balki, Jose C Carvalho, Paul Sahota

1067080
Spinal Ultrasound to Facilitate Neuraxial Anesthesia in Obese Parturients: A Comparison Between the Transverse and Longitudinal Plane
Presenter: Cristian Arzola, Department of Anesthesiology, Mount Sinai Hospital, Toronto, ON
Co-authors: Jose C Carvalho, Mrinalini Balki, Paul Sahota
1067267
Should Gowning be the Standard Practice for Epidural Anesthesia?
Presenter: Devdatta Desai, Anesthesia and Pain Management, Mount Sinai Hospital, University of Toronto, Toronto, ON
Co-authors: Zeev Friedman, Allison McGeer, Jose C Carvalho, Sharon Davies, Naveed Siddiqui

1067600
Myometrial Contractions in Pregnant Rats with Combinations of Uterotonic Drugs
Presenter: Mrinalini Balki, Anesthesia, Mount Sinai Hospital, University of Toronto, Toronto, ON
Co-authors: Magda Erik-Soussi, John Kingdom, Jose C Carvalho

1067818
A Dose-Finding Study of Gabapentin for Post-Cesarean Delivery Pain Management: Limited Efficacy of a Single Preoperative Dose
Presenter: Jose C Carvalho, Department of Anesthesia and Pain Management, Mount Sinai Hospital, Toronto, ON
Co-authors: Paul Bernstein, Vibhuti Shah, Kristi Downey, Susan Guest, Jonathan Short

1068139
Spinal Ultrasound Assessment Performed by Trainees Does Not Improve Labor Epidural Technical Outcome and Patient Satisfaction in Women with “Easy” Spines
Presenter: Rafeek Mikhail, Anesthesia and Pain Management, Mount Sinai Hospital, Toronto, ON
Co-authors: Clarita Margarido, Cristian Arzola, Jose C Carvalho

1035761
Insertion of Deep Brain Stimulation Electrodes for Movement Disorders: A Retrospective Cohort Study
Presenter: Julie Begin-Larouche, Anesthesiology, Université Laval, Quebec City, QC
Co-authors: Hélène Pellerin, Alexis F Turgeon, Léo Cantin, Michel Frudhomme, Melanie Langlois, Lessard R Martin

1044939
Withdrawal of Life-Sustaining Therapy in Severe TBI Patients
Presenter: Nicolas Côté, Université Laval, St-Augustin-de-Desmaures, Quebec City, QC
Co-authors: Alexies F Turgeon, François Lauzier, Lynne Moore, Jean-François Simard, Damon Scales, Karen E A Burns, Maureen O Meade, Francis Bernard, David A Zygun, Dean A Ferguson

1054094
Resuscitation and Transportation of a 1018 Pound Patient
Presenter: Steven Powell, Internal Medicine, Dartmouth Hitchcock Medical Center, Windsor, NH

1059946
A Near Fatal Case of High Dose Peppermint Oil Ingestion- Lesson Learnt
Presenter: Soumya Nath, Anaesthesiology, Sahara Hospital, Lucknow, Uttar Pradesh, India
Co-authors: Chandra K Pandey, Debashis Roy

1063300
A Superadditive Interaction Between Inflammation and Etomidate for Memory Blockade in Mice
Presenter: William To, Physiology, University of Toronto, Toronto, ON
Co-authors: Dian-Shi Wang, Beverley Orser

1066363
Ischemia with Carotid Clamping Associated with Beta-Blockers
Presenter: Alexandra Florea, Anesthesiology, Memorial University of Newfoundland, St John’s, NL
Co-authors: Janet van Vlymen, Samia Ali, Donald Brunet, Joel Parlow

1066723
National Anesthesia Survey of Current Practices and Perceived Indications for Etomidate Use in Critically Ill Patients
Presenter: Stacy Ridi, Anesthesia and Critical Care Medicine, Queen’s University, Kingston, ON
Co-authors: Eric Bruder, Adrian Millman, Ian Ball

1066766
Impact of Perioperative Electrolyte Imbalances Following Aortic Repair
Presenter: Igor Andonov, Anaesthesiology, The Ottawa Hospital, Ottawa, ON
Co-authors: Dave Neilipovitz, Monica Taljaard, Gregory L Bryson
1067710
Occult Chiari Malformation: A Rare Presentation
Presenter: Saravanan Ankichetty, Anesthesia, Toronto Western Hospital, Toronto, ON
Co-authors: Saleh Khunein, Venkatraghavan Lashmi

1067940
Hypoxia-Induced Water Diuresis in Rats: Role of Vasopressin
Presenter: Namhee Kim, Physiology, University of Toronto, Mississauga, ON
Co-authors: Mitchell L Halperin, Surinder Cheema-Dhadli, Daniel G Bichet, Gregory M Hare, David Mazer

1068009
Role of Delta GABAARS in Memory and Synaptic Plasticity in Mice
Presenter: Paul Whissell, Institute of Medical Science, University of Toronto, Toronto, ON
Co-authors: Dave Eng, Loren Martin, Beverley Orser

1066969
Dimensions of the Construct “Quality Neuraxial Labor Analgesia”
Presenter: Pamela Angle, Department of Anesthesia, Sunnybrook Health Sciences Centre and Women’s College Hospital, Toronto, ON
Co-authors: Amy Swinson, Lisa O’Brien, Jasmine Djordjevic, Saleh Ahmed, David L Streiner, Cathy Charles, Alex Kiss

1067147
Carbetocin at Elective Cesarean Delivery: A Dose-Finding Study
Presenter: Daniel Cordovani, Department of Anesthesia and Pain Management, Mount Sinai Hospital, University of Toronto, Toronto, ON
Co-authors: Dan Farine, Mrinalini Balki, Gareth Seaward, Jose C Carvalho

1067331 SPONSORED BY: CARF
Pain After Cesarean Delivery: Epimorph and 0.25% Ropivacaine Tap Blocks
Presenter: Dolores McKeen, Department of Women’s and Obstetric Anesthesia, IWK Health Centre, Halifax, NS
Co-authors: Ronald B George, Victoria M Allen, Aaron Pink

1067590
Obstetric Team Members’ Perceptions of the Anesthesiologist’s Role
Presenter: Saroo Sharma, Wilson Centre for Research in Education and Department of Anesthesia, University of Toronto, Oakville, ON
Co-authors: Patricia Houston, Pamela Morgan, Charlotte Rees, Scott Reeves

1067706
Obstetric Airway Emergencies: Residents’ Performance in Simulated Scenarios
Presenter: Mrinalini Balki, Anesthesia, Mount Sinai Hospital, University of Toronto, Toronto, ON

Poster Discussion 8
Obstetric Anesthesia 2
Co-Chairs:
Dr Alison MacArthur*, Department of Anesthesia, University of Toronto, Toronto, ON
Dr Joanne Douglas, Department of Anesthesia, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC.

Monday, June 27
08:00 – 10:00
Room: 206F

1048585
Opinion Towards Use of Ultrasonography for Labour Epidurals
Presenter: Christopher Hinkewich, Anesthesiology, Dalhousie University, Halifax, NS

Co-authors: Ronald B George, Jose C Carvalho, Dolores McKeen
Co-authors: Aliya Salman, Eric Goldszmidt, Mary Ellen Cooke, Susan Dunington

1067856
Early Insights into Women’s Experiences of Quality Neuraxial Labor Analgesia
Presenter: Amy Swinson, Department of Anesthesia, Sunnybrook Health Sciences Centre and Women’s College Hospital, Toronto, ON
Co-authors: Pamela Angle, Lisa O’Brien, Jasmine Djordjevic, Saleh Ahmed, David L Streiner, Cathy Charles, Alex Kiss

1062054
OR Efficiency Following Implementation of the Safety Checklist
Presenter: Pamela Morgan, Anesthesia, Women’s College Hospital, University of Toronto, Toronto, ON
Co-authors: Sohini Mitra, Lisa Cunningham, Jean Kronberg, John Semple, Victoria Noguera

1062068
Anesthesiologists’ Attitudes to Morbidity & Mortality Rounds
Presenter: Conor McDonnell, Anesthesia and Pain Medicine, Hospital for Sick Children, Toronto, ON
Co-authors: Carolyne Pehora, Larry Roy

1064117
Effects of OSA on Post Anesthesia Care Unit Length of Stay
Presenter: Andrew Milne, Department of Anesthesia, Dalhousie University, Halifax, NS
Co-authors: Claire A Brousseau, Gregory R Dobson

1065143
Inpatient Management of Obstructive Sleep Apnea
Presenter: Robert Jee, Anesthesiology, University of Ottawa, Ottawa, ON
Co-authors: Josee Blackburn, Alan Forster, Monica Taljaard, Gregory L Bryson

1066885
Health Benefits of Preoperative OSA Screening
Presenter: Vanita Mehta, Department of Anesthesia, Toronto Western Hospital, University Health Network, University of Toronto, Toronto, ON
Co-authors: Rajeev Subramanyam, Colin Shapiro, Frances Chung

1066987
More Than What Meets the Eye: A Case of Discitis Post Lumbar Puncture
Presenter: Vivian Ip, Department of Anesthesia and Pain Medicine, University of Alberta Hospital, Edmonton, AB
Co-author: Ban C Tsui

1067190
Do Surgical Patients Consume Permitted Fluids on the Day of the Surgery?
Presenter: Anna Shadrina, Anesthesiology, Ottawa Hospital, Ottawa, ON
Co-author: Gregory L Bryson

1067320
Systematic Review of OSA Perioperative Complications
Presenter: Jigesh Mehta, Department of Anesthesia, Toronto Western Hospital, University Health Network, University Of Toronto, Toronto, ON
Co-authors: Roop K Kaw, Frances Chung

1067747
Avoidance of Drug Errors by Point-of-Care Barcoding
Presenter: Ludwik Fedorko, Anesthesia, Toronto General Hospital, University Health Network, Toronto, ON
Co-authors: Joseph A Fisher, Esther Fung, Rita Katznelson
**Poster Discussion 10 Regional Anesthesia**

**Co-chairs:**
Dr Marie-Josée Nadeau, Department of Anesthesiology, Laval University; Quebec City, QC
Dr Indu S Singh, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

**Monday, June 27**
11:00 – 13:00
Room: 206F

### 1069024
**Bedside Ultrasound Assessment of Gastric Volume. Validating a Mathematical Model Using Gastroscopic Examination**

**Presenter:** Javier Cubillos, Faculty of Medicine, University of Toronto, Toronto, ON

**Co-authors:** Louis Liu, Maria Cino, Nicholas Mitsakakis, Vincent Chan, Anahi Perlas

### 1062972
**Evaluation of Dexamethasone Versus Clonidine as Adjuvants to 1.5% Lignocaine with Adrenaline in Infraclavicular Brachial Plexus Block for Upper Limb Surgeries (A Prospective, Randomized, Placebo Controlled Trial)**

**Presenter:** Dipal Shah, Anesthesiology, All India Institute of Medical Sciences, Mumbai, Maharashtra, India

**Co-authors:** Mahesh K Arora, Anjan Trikha, Ganga Prasad, Rani Sundar, P Kotwal

### 1063600
**Impact of the Preoperative Anaesthesia Clinic Meeting on Patient’s Preference for Spinal Versus General Anaesthesia for Lower Limb Joint Arthroplasty**

**Presenter:** Gita Raghavan, Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON

**Co-authors:** Vidur Shyam, Rachel Phelan, John Murdoch

### 1066463
**Spinal Anesthesia for a Patient with Hereditary Angioedema Type 3**

**Presenter:** Chadi Saliba, Anesthesia, McGill University Health Centre, Montreal, QC

**Co-authors:** Srinivasan Krishnamurthy, Fanny Silivi-Dan, Thomas Schricker, Ralph Lattermann

### 1066469
**Identification of Occult Deep Venous Thrombosis During Ultrasound Guided Femoral Nerve Block**

**Presenter:** Lisa Pillo, University of Toronto, Toronto, ON

**Co-author:** Colin McCartney

### 1066997
**To Study The Efficacy of Magnesium as an Adjuvant to Bupivacaine in Three-in-One Nerve Blocks for Arthroscopic Knee Ligament Repair**

**Presenter:** Mahesh Arora, Anesthesiology, All India Institute of Medical Sciences, New Delhi, Delhi, India

**Co-author:** Thilaka Muthiah

### 1067791
**Us-Guided Transversalis Fascia Plane Block in Iliac Crest Bone Graft**

**Presenter:** Meera Harris, Anesthesiology, University of Toronto, Toronto Western Hospital, Toronto, ON

**Co-authors:** Ki Jinn Chin, Danielle Factor, Brent Graham, Vincent Chan

### 1068020
**Time Course of Effect of Ropivacaine in Patients Following a Peripheral Nerve Block**

**Presenter:** Pierre Drolet, Anesthesiology Department, Université de Montréal, Montreal, QC

**Co-authors:** François Gaudreault, Louis-Phillipe Fortier, Issam Tanoubi, Michel Fallaha, France Varin
### Poster Discussion 11
**Airway Management & Ambulatory**

**Co-Chairs:**
- Dr. Ian McConachie, Department of Anesthesia, St. Joseph's Healthcare, London, ON
- Dr. Jean Wong*, Department of Anesthesia, Toronto Western Hospital, Toronto, ON

**Monday, June 27**
- 11:00 – 13:00
  - Room: 206B

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<td>Anaesthetic Management of Iatrogenic Tracheal Rupture</td>
<td>Joanna Dion, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON</td>
<td>Achal Dhir</td>
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<td>1060537</td>
<td>Comparison of the Air-Q ILA and Proseal LMA in Children</td>
<td>Simon Whyte, Pediatric Anesthesia and Anesthesiology, Pharmacology and Therapeutics, BC Children's Hospital and University of British Columbia, Vancouver, BC</td>
<td>Erin Cooke, Stephan Malherbe, Andrew Morrison, Michael Traynor, J Mark Ansermino</td>
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<td>1063045</td>
<td>Accuracy of Proseal Laryngeal Mask Airway Intracuff Pressure Estimation Using Finger Palpation Technique</td>
<td>Edwin Seet, Anesthesia, Alexandra Health Pte Ltd, Singapore, Republic of Singapore</td>
<td>Pei-Fen Teoh, Joselo D Macachor</td>
</tr>
<tr>
<td>1063313</td>
<td>Novel Uses for the New LMA Classic Excel™</td>
<td>Edwin Seet, Anesthesia, Alexandra Health Pte Ltd, Singapore, Republic of Singapore</td>
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<td>1065443</td>
<td>The Ankylosing Spondylitis Airway – Between a Rock and a Hard Place</td>
<td>Naveen Eipe, The Ottawa Hospital, Ottawa, ON</td>
<td>Susan Fossey, Stephen Kingwell</td>
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<td>1066149</td>
<td>Congenital Myasthenia Patient for Strabismus Repair</td>
<td>Edwin Seet, Anesthesia, Alexandra Health Pte Ltd, Singapore, Republic of Singapore</td>
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<td>1067576</td>
<td>A Series of Seven Difficult Airway Managed Cases</td>
<td>Seyed Alireza Seyed Siamdoust, Anesthesiology and Pain Medicine, Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran</td>
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<td>1067768</td>
<td>N2O at the End of Anesthesia Hastens Recovery Without Increasing PONV</td>
<td>Boris Mracic, Anesthesiology, Thomas Jefferson University, Philadelphia, PA</td>
<td>Tatjana Simurina, Zdenko Sonicki</td>
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<td>1068763</td>
<td>Predicting Difficult Intubation: A Multivariate Analysis of Bedside Airway Screening Tests</td>
<td>Anoop Chhina, Anesthesiology, Dayanand Medical College and Hospital, Brookhaven, PA</td>
<td>Anju Grewal, Sunil Katyal</td>
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### Poster Discussion 12
**Pediatric Anesthesia**

**Co-Chairs:**
- Dr. Mark Crawford, Department of Anesthesiology, Hospital for Sick Children, Toronto, ON
- Dr. Simon Whyte*, Department of Anesthesia, BC Children's Hospital, Vancouver, BC

**Tuesday, June 28**
- 08:00 – 10:00
  - Room: 206B

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<td>Evaluation of Airtraq in Pediatric. A Prospective Randomized Study</td>
<td>Waleed Soliman, Anesthesia, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia</td>
<td>Ashraf Moussa</td>
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<td>1059289</td>
<td>Is Regional Anaesthesia in Children Safer with TIVA?</td>
<td>Simon Whyte, Pediatric Anesthesia and Anesthesiology, Pharmacology and Therapeutics, BC Children's Hospital and University of British Columbia, Vancouver, BC</td>
<td>Dorothy Myers, Mary H Ensom, Diane Decarie</td>
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<td>1060159</td>
<td>Cardiac Arrest Upon Induction of Anesthesia in Children with Cardiomyopathy: An Analysis of Incidence and Risk Factors</td>
<td>Johanne Lynch, Anesthesia, University of Toronto, Hospital for Sick Children, Toronto, ON</td>
<td>Katherine L Taylor, Carolyne Pehora, Helen Holtby, Steven M Schwartz</td>
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1060475
Safety of Modern Anesthesia for Children with LQT Syndrome
Presenter: Simon Whyte, Pediatric Anesthesia and Anesthesiology, Pharmacology and Therapeutics, BC Children's Hospital and University of British Columbia, Vancouver, BC
Co-authors: Dorothy Myers, Shubhayan Sanatani, Scott C Watkins, Prince J Kannankeril, Kathryn K Collins, Jason Andrade

1063547
A Novel Method for Laryngeal Mask Airway (LMA) Size Selection in Pediatric Patients
Presenter: Abdul Zahoor, Anesthesia, King Khaled Eye Hospital, Riyadh, Saudi Arabia

1063834
Novel Rescue Mouth Opening Maneuver Used to Prevent Catastrophic Airway Obstruction Following LMA Breathing Tube Fracture
Presenter: Vidur Shyam, Anesthesiology, Queen’s University, Kingston, ON
Co-author: J E Zamora

1065484
Predicting Adverse Behaviour at Induction for Anesthesia in Children
Presenter: Jason McVicar, Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON
Co-authors: Ted Ashbury, Brian Milne, Elizabeth Van Den Kerkhof, Ronald R Holden, Rachel Phelan

1065996
Anesthesia for Intestinal Transplantation of an Infant: A Case Report
Presenter: Jin Young Lee, Anesthesiology, Seoul St Mary’s Hospital, Seoul, Republic of Korea

1066752
Inter-Observer and Intra-Observer Repeatability of Capillary Refill Time
Presenter: Jonathan Stinson, Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, BC
Co-authors: Amelia Pickard, Erin Cooke, Dorothy Myers, Walter Karlen, J Mark Ansermino

1066967
Incidence of Severe Pain After Tonsillectomy in 160 Children
Presenter: Carol Bradbury, Anesthesiology, Children’s Hospital of Eastern Ontario, Ottawa, ON
Co-authors: Kimm Murto, Nick Barrowman

1067426
Palpation and Ultrasound vs. Fluoroscopy to Determine Intervertebral Space in Children
Presenter: Bruno Borges, Department of Anesthesia and Pain Medicine, The Hospital for Sick Children, Toronto, ON
Co-authors: Srinivasan Ilivajady, Gail Wong, Jason Hayes

1060385
Fast-Track Total Joint Arthroplasty Program: Discharge Home in 2 Days
Presenter: Michael Raphael, Anesthesiology and Perioperative Medicine, Queen’s University, Kingston, ON
Co-authors: Melanie Jaeger, Janet van Vlymen

1062052
Perioperative Ketorolac is Associated with Increased Postoperative Bleeding in Reduction Mammoplasty
Presenter: Thomas Cawthorn, School of Medicine, Queen’s University, Kingston, ON
Co-authors: Rachel Phelan, John Davidson, Kim E Turner

1064557
Patient Beliefs Regarding Pain Medication and Likelihood of Addiction Prior to Cardiac Surgery
Presenter: Jennifer Cogan, Anesthesiology, Montreal Heart Institute, Montreal, QC
Co-authors: Marie-France Ouimette, Grisel Vargas-Shaffer, Zeynep Yegin, Alain Deschamps, Jean-Sébastien Lebon, Christian Ayoub, Antoine Rochon, Baqir Qizilbash, Pierre Couture, André Denault

1064624
Comparative Efficacy of Patient-Controlled Epidural Analgesia (PCEA) and Continuous Epidural Analgesia (CEA) in Thoracotomy Patients: A Randomized Controlled Trial
Presenter: Vidur Shyam, Anesthesiology, Queen’s University, Kingston, ON
Co-authors: David Goldstein, Brian Simchison, Rosemary Wilson, Elizabeth VanDenKerkhof, Rachel Phelan, John Murdoch

Poster Discussion 13
Pain: Acute & Chronic – Basic & Clinical
Co-Chairs:
Dr William McKay*, Department of Anesthesiology, Perioperative Medicine and Pain Management, University of Saskatchewan, Saskatoon, SK
Dr Geoff Bellingham*, Department of Anesthesia and Perioperative Medicine, University of Western Ontario, London, ON

Tuesday, June 28
08:00 – 10:00
Room: 206F

All educational sessions and other conference events are to be held in the Metro Toronto Convention Centre (MTCC), North Building (255 Front Street West), unless noted otherwise.
**1064681**
Low Dose Intravenous Ketamine for Post Cardiac Surgery Pain: Does it Augment Intubation Time?

**Presenter:** Geneviève Lalumière, Anesthesiology, Montreal Heart Institute, Montreal, QC

**Co-authors:** Jennifer Cogan, Zeynep Yegin, Jean-Sébastien Lebon, Antoine Rochon, Christian Ayoub, Baqir Qizilbash, Pierre Couture, André Denault, Sylvain Belisle

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**1065391**
Continuous Intrathecal Analgesia for Severe Metastatic Cancer Pain

**Presenter:** Gilbert Blaise, Anesthésie, Centre hospitalier de l’Université de Montréal, Montreal, QC

**Co-authors:** Réjean Prévost, Denis Soulières, Anne Morinville

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**1065481**
Multimodal Analgesia Improves the Management of Brachytherapy

**Presenter:** Rya Boscariol, The Ottawa Hospital, Ottawa, ON

**Co-authors:** Naveen Eipe, John Penning

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**1065760**
Gabapentin Does Not Improve Analgesia for Total Hip Arthroplasty

**Presenter:** Manyat Nantha-Aree, Anesthesia, McMaster University, Hamilton, ON

**Co-authors:** James Paul, Norm Buckley, Uswa Shahzad, Ji Cheng, Lehana Thabane, Antonella Tidy

---

**1065948**
Treatment of CRPS with Repetitive Intravenous Perfusion

**Presenter:** Gilbert Blaise, Anesthésie, Centre hospitalier de l’Université de Montréal, Montreal, QC

**Co-authors:** An-Hoa Nguyen Labelle, Amandine Sénéclauze, Réjean Prévost, Anne Morinville

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**1066430**
IV Esmolol as an Alternative to Intraoperative Remifentanil

**Presenter:** Gabriele Baldini, Anesthesia, McGill University Health Centre, Montreal, QC

**Co-authors:** Mingkwan Wongyingsin, Berson Augustin, Armen Aprikian, Simon Tanguay, Franco Carli

---

**1066473**
Alpha-2A Antagonist Induced Antinociception in the Rat

**Presenter:** Brian Milne, Anesthesiology, Queen’s University, Kingston, ON

**Co-authors:** Maaja Sutak, Catherine Cahill, Khem H Jhamandas

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**1066493**
Systematic Review of IV Ketamine for Post-Operative Pain

**Presenter:** William McKay, Anesthesia, University of Saskatchewan, Saskatoon, SK

**Co-authors:** Kevin Laskowski, Alena Stirling, Hyun Lim, Shfali Thakore

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**1066973**
Long-Term Open–Label Study of Tetrodotoxin in Patients with Moderate to Severe Cancer-Related Pain

**Presenter:** Gilbert Blaise, Anesthésie, Centre hospitalier de l’Université de Montréal, Montreal, QC

**Co-authors:** Bernard J Lapointe, Neil A Hagen, Anne Morinville, Patrick DuSouch, Anh Ho Ngoc

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**1067347**
Gabapentin Does Not Improve Pain Outcomes for Total Knee Arthroplasty

**Presenter:** James Paul, Anesthesia, McMaster University, Hamilton, ON

**Co-authors:** Manyat Nantha-Aree, Norm Buckley, Ji Cheng, Lehana Thabane, Antonella Tidy, Uswa Shahzad

---

**1067485**
A Multidisciplinary Pain Management Approach at a Chronic Pain Center

**Presenter:** Gilbert Blaise, Anesthésie, Centre hospitalier de l’Université de Montréal, Montréal, QC

**Co-authors:** Franco Carli, An-Hoa Nguyen Labelle, Réjean Prévost, Anne Morinville
Board, Committee and Other Meetings

Friday, June 24, 2011
CAS Standards Committee
14:00 – 16:00
104C
CJA – Springer Meeting
16:15 – 18:00
103B
CAS Patient Safety Committee
16:15 – 18:00
104C
CAS Executive Committee
17:00 – 18:00
103A

Saturday, June 25, 2011
CJA Editorial Board Meeting
07:15 – 12:00
206A
CAS Medical Economics
10:00 – 11:00
202B
CAS Physicians Resources Meeting
11:15 – 12:15
202B
Pediatric Anesthesia Investigators Network of Canada (PINC)
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206B
CARF Board of Trustees
15:00 – 17:00
202B
Royal College Specialty Committee Meeting
16:00 – 18:00
MTCC – 705 – South Building
CAS Section Executives Meeting
17:00 – 18:00
206A

Sunday, June 26, 2011
CAS – Corporate Leaders Meeting
07:00 – 08:00
202B
CAS Exhibitors Breakfast
08:00 – 09:00
202C
CAS Allied Health Professions Committee
09:30 – 11:30
202A
CAS Annual Business Meeting
13:00 – 14:00
105

Monday, June 27, 2011
CAS – CPSI Meeting
10:00 – 11:00
201F
CAS Ethics Committee
11:00 – 13:00
103A

Tuesday, June 28, 2011
CAS Annual Meeting Committee
08:00 – 09:30
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CAS Divisional Forum
10:00 – 11:00
Fairmont Royal York Hotel – Manitoba
CAS Education and Professional Development Committee
10:00 – 11:00
Fairmont Royal York Hotel – Boardroom
CAS Executive Committee
11:15 – 12:15
Fairmont Royal York Hotel – Simcoe Suite
CAS Board of Directors
13:00 – 17:00
Fairmont Royal York Hotel – Manitoba

Wednesday, June 29, 2011
CAS Board of Directors
09:00 – 13:00
Fairmont Royal York Hotel – Manitoba
Future Annual Meetings

2012 June 15 – 19
Quebec City, QC

2013 June 21 – 25
Calgary, AB

2014 June 13 – 17
St John’s, NL

2015 June 19 – 23
Ottawa, ON

2016 June 24 – 28
Vancouver, BC

Future Annual Meetings

2011 Annual Meeting

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Fax: 416 480-0320
Email: anesthesia@cas.ca
Oral Presentations

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