19TH ANNUAL
RURAL ANESTHESIA FOR
GP ANESTHESIOLOGISTS

Friday, January 20, 2017
Banff Park Lodge, 222 Lynx Street, Banff, AB

COURSE OVERVIEW
This intensive one-day course for GP anesthesiologists features a blend of expert-lead didactic teaching and practical skill-development workshops, and offers opportunities for networking and exchange of information and ideas between leaders in the field and rural GP anesthesiologists.

COURSE OBJECTIVES
The intent of the conference is for learners to:
• develop an understanding of current issues and techniques in anesthesia that are relevant to the practice of GP anesthesiologists in rural areas
• increase knowledge and practical application of skills required in a rural hospital, resulting in successful and confident patient management
• participate in networking and exchange of information and ideas between specialist anesthetists and GP anesthesiologists

WHO SHOULD ATTEND
GP anesthesiologists working in rural settings

CREDITS
Mainpro+ Group Learning – 6.5 credits

ASSOCIATED POST-COURSE

Ultrasound Guided Nerve Blocks
PRACTICAL HANDS-ON COURSE
Saturday, January 21, 2017
0800-1230
Mineral Springs Hospital, Banff, AB
Post-Course open to Rural Anesthesia for GP Anesthesiologists course registrants only
MAXIMUM 20 PARTICIPANTS

REGISTER BY FAX ONLY
PAPERLESS CONFERENCE
Access to handouts will be available prior to conference
ON-SITE REGISTRATION
Based on availability, is not guaranteed and a surcharge may be applied

Check the website for any program updates cumming.ucalgary.ca/cme/courses

ACCOMMODATION
Registrants must make their own accommodation arrangements, see page 6 for details.
Friday, January 20

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0700-0750</td>
<td>Registration / Light Breakfast</td>
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<tr>
<td>0750-0800</td>
<td>Welcome / Introductions</td>
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<tr>
<td>0800-0845</td>
<td><strong>KEYNOTE PLENARY</strong> Environmental Concerns in the OR – Timur Ozelsel</td>
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<tr>
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<td>• reduce resource use commensurate with continued safety and efficacy</td>
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<td>• maximize recycling opportunities in the OR</td>
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<td>• incorporate environmental considerations in to OR planning and operations</td>
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<td>0845-0930</td>
<td><strong>HAL IRVINE LECTURE</strong> Extubation: A Quick Win in Patient Care – Laura Duggan</td>
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<td>• identify the ‘at risk’ patient</td>
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<td>• perform a direct airway assessment and individualize patient-care decisions prior to extubation</td>
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<td>• perform staged extubation when required</td>
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<tr>
<td>0930-1000</td>
<td>Break / Networking</td>
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<tr>
<td>1000-1115</td>
<td><strong>CONCURRENT WORKSHOPS</strong></td>
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<tr>
<td>1115-1230</td>
<td><strong>CONCURRENT WORKSHOPS</strong></td>
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<td>1230-1330</td>
<td>Lunch / Networking</td>
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<td><strong>CONCURRENT WORKSHOPS</strong></td>
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<td>1445-1515</td>
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<td>1515-1630</td>
<td><strong>CONCURRENT WORKSHOPS</strong></td>
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<tr>
<td>1630</td>
<td>Social Event Host – Course Planning Committee</td>
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**CONCURRENT WORKSHOPS (#1-12)**

Participants will be assigned to FOUR of the twelve workshops – one at each of the following times: 1000, 1115, 1330, 1515

**Register Early**
- workshops are assigned on a first-come, first-served basis

**LEARNING OBJECTIVES** describe each workshop – “By the end of this workshop, you will be equipped to:”

1. **Pediatric Traumatic Cardiac Arrest: Current Management and Controversies** – Jamin Mulvey
   - critically appraise treatment algorithms currently available in Traumatic Cardiac Arrest
   - use a structured approach to manage Traumatic Cardiac Arrest patients presenting in the rural setting (applicable for both adults and children)
   - perform time-critical interventions associated with improved outcomes in Traumatic Cardiac Arrest

2. **How to Optimize your Block and Rescue Blocks** – Ryan Endersby, Adam Spencer
   - identify optimal needle insertion point and local anesthetic spread, as well as understand how to avoid complications for various nerve blocks including:
     - upper extremity blocks (interscalene, supraclavicular, infraclavicular and axillary)
     - lower extremity blocks (adductor canal, popliteal, sciatic)
     - trunk blocks (transversus abdominal plane (TAP) and rectus sheath)
   - describe situations where rescue blocks may be required and be able to perform various rescue blocks including:
     - proximal upper extremity blockade of musculocutaneous, ulnar, median and radial nerve blocks at the axilla
     - distal upper extremity blockade of the ulnar, median and radial nerves below the axilla

3. **Current Concepts in the Management of Post-Operative Nausea and Vomiting** – Chris Prusinkiewicz
   - describe the incidence and clinical impact of PONV
   - identify patients at elevated risk of PONV
   - list previously identified risk factors for PONV that have been disproven or shown to be of limited clinical relevance
   - list established and novel agents used in the management of PONV
   - describe adverse effects and contraindications to common anti-nausea medications
   - develop an evidence-based approach to the prevention and management of PONV

**PROGRAM MAY CHANGE DUE TO CIRCUMSTANCES BEYOND OUR CONTROL**
COURSE PROGRAM – PRELIMINARY

4 Narcotics Review
   - Theresa Yang
   • list currently available narcotics, administered via various modalities, for perioperative use
   • develop an approach to pain management for the surgical patient currently on chronic opioids including the NPO patient and the patient on methadone
   • use Remifentanil appropriately in day surgery settings, including:
     – Remifentanil infusion
     – to facilitate intubation without muscle relaxants
     – as a sedative in combination with regional techniques

5 NRP Update and Skills Development
   - Essa Al-Awad, Renee Paul
   • rapidly assess the neonate, establish and monitor effective ventilation (PPV)
   • describe the sequence of the algorithm and use the latest neonatal resuscitation guidelines
   • use effective teamwork and communications in a neonatal resuscitation
   • enhanced knowledge, experience and competence in neonatal resuscitation

6 Anesthetic Concerns for the Patient with Increased BMI
   - Melinda Davis
   • define the risks associated with anesthesia in the morbidly obese
   • choose best strategies for risk reduction
   • address challenges for management of the morbidly obese in the rural setting

7 SIM: When It All Goes Wrong
   - JN Armstrong, Sue Barnes
   • develop an approach to crisis management in the OR
   • communicate effectively in critical OR situations

8 Difficult Airways
   - Graeme Bishop, David Halpenny, Barb Thiessen, Carl Thiessen
   • predict the difficult airway
   • choose appropriate techniques and equipment for managing the difficult airway
   • describe alternative options for establishing an invasive airway
   • develop an approach to intubate the conscious patient

9 General Anesthesia for Caesarean
   - Curt Pitter
   • describe the advantages and disadvantages of general anesthesia
   • decide when to plan caesarean under general anesthesia, and when to convert from a regional to a general anesthetic during caesarean section
   • safely administer general anesthesia for caesarean section

10 Adjuncts to Control Acute Pain
    - James Green
    • select optimal analgesia for the elderly patient, including multi-modal approaches
    • use non-epidural options for analgesia in abdominal surgery
    • employ adjuncts for the chronic pain patient undergoing major surgery

11 Ventilation Modes for Difficult Cases
    - Steven Patterson
    • make an informed choice to use PEEP
    • use appropriate indicators for lung health, e.g. interleukins
    • incorporate lung protection strategies as necessary
    • choose best ventilation strategies on a case-by-case basis
    • use non-invasive ventilation support appropriately

12 Hands-On Extubation Skills
    - Laura Duggan
    • use nasopharyngoscopy with airway topicalization, and videolaryngoscopy, prior to extubation
    • place and trouble-shoot Airway Exchange Catheters during extubation
    • re-intubate over an airway exchange catheter, for smooth transitions and management

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ASSOCIATED POST-COURSE

Ultrasound Guided Nerve Blocks
PRACTICAL HANDS-ON COURSE
– Ryan Endersby, Adam Spencer

Saturday, January 21, 2017 (0800-1230)
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MAXIMUM 20 PARTICIPANTS

POST-COURSE PROGRAM

0730-0800 Registration / Light Breakfast

0800-1230 Demonstration and Hands-on Practice with Ultrasound Equipment
  Demonstrate through comprehensive hands-on scanning, proper techniques for:
  • upper extremity blockade including intrascalene, supraclavicular, infraclavicular and axillary nerve blocks
  • lower extremity blockade including femoral, adductor canal block, popliteal, sciatic and ankle blocks
  • trunkal nerve blocks including transversus abdominal plane (TAP) blocks, rectus sheath block, ilioinguinal, iliohypogastric and transversalis fascia plane (TFP) block
  • spinal untrasound for neuraxial block

1230 Adjournment

PROGRAM MAY CHANGE DUE TO CIRCUMSTANCES BEYOND OUR CONTROL
PLANNING COMMITTEE

Sharon Blyth MD CCFP (FPA) Chair
Department of Anesthesia, Banff Mineral Springs Hospital

Simon Bartley MD CCFP(EM) (FPA)
Department of Anesthesia, Banff Mineral Springs Hospital

Chris Irving MD CCFP (FPA) (SEM) Dip Sport Med (CASEM)
Department of Anesthesia, Banff Mineral Springs Hospital

Sandra Mergler MD CCFP (FPA)
Department of Anesthesia, Banff Mineral Springs Hospital

Devin Nielsen MD FCFP CCFP (FPA) CCFP (SEM)
Dip Sport Med
Surgical Assistant Physician, Banff Sport Medicine; Physician, Canmore Hospital

Harry Patterson MD CCFP
Department of Anesthesia, Banff Mineral Springs Hospital

Margie Smith RN BScN
Banff Mineral Springs Hospital

Hilary Delver BVSc MSc CME Representative
Rural Educational Consultant, Office of Continuing Medical Education and Professional Development

FACULTY

Essa Al-Awad MD FABP FSBP FCPS FARP
Clinical Assistant Professor, University of Calgary

JN Armstrong MD CCFP FRCPC
Associate Professor, Department of Anesthesia, University of Calgary; Anesthesiologist and Calgary Zone Clinical Department Head of Anesthesia

Sue Barnes RN BScn CPN(C)
South Health Campus Simulation Consultant eSIM South, Provincial Simulation Program

Graeme Bishop MD FRCPc
Anesthesiologist, Peter Lougheed Centre

Melinda Davis MD FANZCA
Clinical Assistant Professor, University of Calgary; Anesthesiologist, Foothills Medical Centre

Laura Duggan MD RCPSc
Anesthesiologist, Royal Columbian Hospital, Vancouver, BC; Clinical Associate Professor, Anesthesiology, Pharmacology & Therapeutics, Faculty of Medicine, University of British Columbia

Ryan Endersby MD FRCPC
Staff Anesthesiologist and Co-Director, Acute Pain and Regional Anesthesia Service, South Health Campus

James Green MD MBBS CCT
Associate Clinical Professor, Anesthesiology and Pain Medicine, University of Alberta; Anesthesiologist, University of Alberta Hospital

David Halpenny MD FRCPc
Clinical Assistant Professor, Anesthesiology, University of Calgary; Anesthesiologist, Peter Lougheed Centre

Jamin Mulvey MD FANZCA MPHTM MBBS(Hons) BSc(Hons)
Anesthesiologist, Department of Pediatric Anesthesia, Alberta Children's Hospital, Alberta Health Services

Timur Ozelsel MD DESA
Associate Clinical Professor; Chair, Anesthesia Equipment and Supplies Committee, Department of Anesthesia and Pain Medicine, University of Alberta Hospital

Steven Patterson MD FRCPc
Anesthesiologist, Peter Lougheed Hospital; Clinical Assistant Professor, Anesthesia, University of Calgary

Renee Paul RN MN NP-BC
Southern Alberta Neonatal Transport Coordinator, Foothills Medical Centre, NICU

Curt Pitter MD FRCPC
Clinical Associate Professor, Anesthesia, University of Calgary; Anesthesiologist, Peter Lougheed Centre

Chris Prusinkiewicz MD FRCPc
Clinical Assistant Professor, Anesthesia, University of Calgary; Department of Anesthesia, Foothills Hospital

Adam Spencer MD MSc FRCPc
Pediatric Anesthesiologist, Director of Acute Pain Services and Complex Pain Physician, Vi Riddell Complex Pain and Rehabilitation Centre; Pediatric Transport Team Physician, Alberta Children's Hospital

Barb Thiessen RRT
Pulmonary Diagnostics, Rocky View General Hospital; NICU, Peter Lougheed Centre

Carl Thiessen RRT
Anesthesia Site Lead, South Health Campus

Theresa Yang MD FRCPc
Anesthesiologist, Peter Lougheed Centre

DISCLOSURE OF POTENTIAL FINANCIAL CONFLICTS OF INTEREST

In keeping with accreditation guidelines, speakers participating in this event have been asked to disclose to the audience any involvement with industry or other organizations that may potentially influence the presentation of the educational material. Disclosure will be done verbally and using a slide prior to the speaker’s presentation.
ACCREDITATION

The University of Calgary – Office of Continuing Medical Education and Professional Development is fully accredited by the Committee on Accreditation of Canadian Medical Schools (CACMS).

STUDY CREDITS

CFPC

MAINPRO+ GROUP LEARNING
This Group Learning program meets the certification criteria of The College of Family Physicians of Canada and has been certified by the University of Calgary, Office of Continuing Medical Education and Professional Development for up to 6.5 Mainpro+ credits.

AACP

AMERICAN ACADEMY OF FAMILY PHYSICIANS (AAFP) AND CFPC
Members of the American Academy of Family Physicians are eligible to receive up to 6.5 prescribed credits for attendance at this meeting/event due to a reciprocal agreement with The College of Family Physicians of Canada.

ASSOCIATED POST-COURSE

CFPC

MAINPRO+ GROUP LEARNING
This Group Learning program meets the certification criteria of The College of Family Physicians of Canada and has been certified by the University of Calgary, Office of Continuing Medical Education and Professional Development for up to 4.5 Mainpro+ credits.

AACP

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ACCOMMODATION
Registrants must make their own accommodation arrangements. We recommend:

Banff Park Lodge
222 Lynx Street, Banff, AB
Phone 403.762.4433
Toll Free 1.800.661.9266
www.banffparklodge.com

A limited number of rooms have been held until December 5, 2016 at the rate of $129.00 per night plus taxes (standard room). Please indicate you are with the University of Calgary Rural Anesthesia for GP Anesthesiologists course to obtain this rate. For on-line reservations: www.banffparklodge.com (Group ID# 23505 Password# 450). No on-line bookings can be made after December 19, 2016.

DRESS
Dress is business casual. Sweaters or items of clothing that can be layered are recommended since temperature in the venue may fluctuate.

MEALS
In general, each course offers a light breakfast, nutrition break(s) and lunch. We are sensitive to dietary requirements (for example, gluten free, peanut allergies) and do our best to offer a variety of options; however we are unable to guarantee that all dietary needs can be accommodated.

SCENT FREE
To ensure the comfort of everyone attending this event, please do not wear scented products.

CONFIRMATION OF REGISTRATION
On-line registration confirmation is automatic after registering on-line. A tax receipt will be sent approximately 2 weeks after registering.

For all other methods of registration (mail, fax), confirmation will be in the form of a tax receipt. No other confirmation will be sent. Please allow 2 weeks for registration processing.

COURSE CANCELLATION POLICY
The Office of Continuing Medical Education and Professional Development reserves the right to cancel the course if there are insufficient registrations.

REFUND POLICY
A registration refund will be made upon written request if made at least 2 weeks before the start of the program. However $50 will be retained for administrative costs. No refunds will be available for cancellations made within 2 weeks of the start of the program and thereafter. NOTE: Refunds are processed only on the return of original receipt. All receipts must be returned within 30 days after program date.

REIMBURSEMENT OF REGISTRATION FEES
Physicians may be eligible for reimbursement of registration fees and expenses to attend CME courses from a fund administered by the Alberta Medical Association. For more information regarding this, please call the AMA at 780.482.2626 or 1.800.272.9680.

FOR FURTHER INFORMATION
Office of Continuing Medical Education and Professional Development, Cumming School of Medicine, University of Calgary, TRW Building, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6

ABOUT COURSE CONTENT
Catherine Young, Program Assistant
Phone 403.220.8786
Email catherine.young@ucalgary.ca

ABOUT REGISTRATION
Phone 403.220.7032
Email cmereg@ucalgary.ca
## Registration Form

### 19th Annual Rural Anesthesia for GP Anesthesiologists

**January 20, 2017**

**Registration Fee**

- **Plus 5% GST** – UCalgary GST Registration #108102864RT0001
- **Add 5% to Fee(s) Below to Calculate Total Course Fee**

**Early Rate** on or before November 22, 2016

- **Physician**
  - $455.00
- **Student / Resident (Full-Time Students Only)**
  - $350.00

**Regular Rate** after November 22, 2016

- **Physician**
  - $535.00
- **Student / Resident (Full-Time Students Only)**
  - $350.00

**On-Site Rate** (Based on availability and not guaranteed)

- **Physician**
  - $590.00
- **Student / Resident (Full-Time Students Only)**
  - $350.00

**Workshop Selections**

*Select 12 – Number in order of preference with 1 being the most important*

- 1. Pediatric Traumatic Cardiac Arrest: Current Management and Controversies
- 2. How to Optimize your Block and Rescue Blocks
- 4. Narcotics Review
- 5. NRP Update and Skills Development
- 6. Anesthetic Concerns for the Patient with Increased BMI
- 7. SIM: When It All Goes Wrong
- 8. Difficult Airways
- 9. General Anesthesia for Caesarean
- 10. Adjuncts to Control Acute Pain
- 11. Ventilation Modes for Difficult Cases
- 12. Hands-On Extubation Skills

**Register**

- **By Fax**
  - Credit Card Payment Only
  - Confidential Fax
  - Fax 403.270.2330
- **By Mail**
  - Cheque Payable – UNIVERSITY OF CALGARY
  - Cheque Must Include 5% GST

Cumming School of Medicine, Office of Continuing Medical Education and Professional Development, University of Calgary, TRW Building, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6

**Registration Services**

Phone 403.220.7032
Email cmereg@ucalgary.ca

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**Freedom of Information and Protection of Privacy Act**

Registration information is collected under the authority of the Freedom of Information and Protection of Privacy Act. The contact information you provide is required by our Office to register you in the course, prepare material and courses for your use, plan for future courses and notify you of similar, upcoming courses offered by our Office. Financial information is used to process applicable fees and is retained for future reference. Call 403.220.4251 if you have questions about the collection or use of this information.

**Cumming.ucalgary.ca/cme**
REGISTRATION FEE

PLUS 5% GST – UCalgary GST Registration #108102864RT0001
ADD 5% TO FEE(S) BELOW TO CALCULATE TOTAL COURSE FEE

REGULAR RATE

$ 280.00 Physician

ON-SITE RATE (Based on availability and not guaranteed)

$ 310.00 Physician

Post-Course open to Rural Anesthesia for GP Anesthesiologists course registrants only

REGISTRATION SERVICES
Cumming School of Medicine, Office of Continuing Medical Education and Professional Development, University of Calgary, TRW Building, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6
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