

University of Calgary Office of CME&PD

25th Annual Rural Anesthesia for GP Anesthesiologists Conference

Friday, January 20, 2023

Time	Session	Speaker	Title	Learning Objectives
7:00-7:50	Check-In			
7:50-8:00	Welcome Remarks			
8:00-8:45	Keynote	Meredith Hutton	Update on the Airway Guideline	<ul style="list-style-type: none">• List predictors of a difficult airway and define failure of airway capture• Identify recommended equipment for difficult airway management• Explain the Canadian Airway Focus Group 2021 consensus guidelines for unanticipated difficult airway management• Describe the equipment required and steps involved to perform a scalpel-bougie surgical cricothyroidotomy for emergency front of neck access
8:45-9:30	Hal Irvine Lecture Plenary	Christopher Noss	Cardiovascular Comorbid Conditions; A Decision Making Guide for Community Anesthesia	<ul style="list-style-type: none">• Identify patients with cardiovascular disease appropriate for anesthetic care• Identify patients with cardiovascular disease at elevated anesthetic risk• Develop management strategies for cardiovascular complications of anesthesia in at risk patients
9:30-9:50	Break and Transition into Workshops			
9:50-11:05	Concurrent Workshops Round One			
11:05-11:15	Break			
11:15-12:30	Concurrent Workshops Round Two			
12:30-13:30	Lunch			
13:30-14:45	Concurrent Workshops Round Three			
14:45-15:15	Break			
15:15-16:30	Concurrent Workshops Round Four			
18:00-20:00	Social			
Concurrent Workshops				
Time	Session	Speaker	Title	Learning Objectives
	Workshop 1	Meredith Hutton	Difficult Airway	<ul style="list-style-type: none">• List recommended equipment for difficult airway management• Demonstrate and practice scalpel-bougie surgical cricothyroidotomy for emergency front of neck access• Demonstrate and practice intubation via LMA• Describe recommendations for difficult airway carts/boxes
	Workshop 2	Lindsay Mackenzie	“Patchy epidurals”; A Pain for Everyone. Troubleshooting 101.	<ul style="list-style-type: none">• Discuss common top-up strategies for incomplete labour analgesia with epidural• Assess epidural efficacy and suitability for conversion for cesarean section• List anesthetic options for cesarean section and their pitfalls in the setting of a patchy block
	Workshop 3	Keith Anderson	Essentials of intravenous drugs for TIVA & Sedation	<ul style="list-style-type: none">• Describe pharmacokinetics and dynamics essential for tiva and sedation• List dose requirements, individual variability and interactions• Describe TIVA guidelines and the utility of EEG monitoring
	Workshop 4	James Green	Management of the patient presenting with Hip Fracture	<ul style="list-style-type: none">• Give evidence supporting early surgery• Present options for Peri-operative pain management• Describe the pros and cons of Spinal vs GA• List strategies for Perioperative fluid management• Describe strategies for the management of the patient with anti-coagulation or anti-platelet medications
	Workshop 5	David Goldstein	Pre-Admission Optimization: Who, What, Where and Why	<ul style="list-style-type: none">• Define optimization• List professional society’s standards/requirements for optimization• Define the essential elements of a Preop consultation• Participate in small group interviews of mock pre-operative patients with defined co-morbidities with special reference to medication adjustments• Outline the ideal facility assessment metrics of a preop consult
	Workshop 6	JN Armstrong	Simulation: When It All Goes Wrong	<ul style="list-style-type: none">• Develop an approach to crisis management in the OR• Communicate effectively in critical OR situations
	Workshop 7	Adam Spencer	Emergence Delirium in Pediatrics: Prevention and Management	<ul style="list-style-type: none">• Describe emergence delirium and its impact beyond the recovery room• Discuss ways to prevent and treat emergence agitation and delirium
	Workshop 8	Timur Ozelsel	Tips and Tricks to Reduce Your Daily Anesthetic Footprint - While Providing Cutting Edge Anesthesia	<ul style="list-style-type: none">• Become an expert at reducing your fresh gas flows quickly and safely• Master target controlled infusions• Utilize foresight to reduce your medication waste
	Workshop 9	Shannon Ruzycski	Evidence-based Intraoperative Glycemic Management	<ul style="list-style-type: none">• Evaluate the evidence for an association between perioperative hyperglycemia and post-operative complications• Comprehend the risks and benefits of different strategies for intraoperative glycemic management• Describe team-based barriers to optimal intraoperative glycemic management
	Workshop 10	Marie-Eve Beauchemin-Turcotte	Cannabis Use, How Much Before it Becomes a Consideration	<ul style="list-style-type: none">• Describe the neuropharmacology of Cannabis• Articulate the impact of Cannabis use on patient• List the pre-operative optimization options• List the management options available for the perioperative period

	Workshop 11	Arash Fard	The Emergence Period in Anaesthesia	<ul style="list-style-type: none"> • Manage patients whom was a difficult intubation on emergence • Manage two types of laryngospasm on emergence • Manage emergence delirium
	Workshop 12	Ryan Endersby	Motor Sparing Nerve Blocks For Hip And Knee Surgery	<ul style="list-style-type: none"> • Detail which surgical cases might benefit from motor sparing techniques • Describe the anatomy, proper scanning technique, needling and LA spread for: <ul style="list-style-type: none"> o Adductor Canal Block o IPACK Block o PENG Block • Perform live scanning on standardized patients to learn the anatomy and proper technique for performing: <ul style="list-style-type: none"> o Adductor Canal Block o IPACK Block o PENG Block
	Workshop 13	Christopher Noss	A Case-Based Review of Cardiovascular Comorbid Conditions and Anesthesia	<ul style="list-style-type: none"> • Describe the management of patients with prior electrophysiologic ablation procedures • Describe the management of patients with pacemakers and ICDs • Describe the perioperative management of patients with prior percutaneous coronary interventions (PCI) • Develop an approach to unanticipated cardiovascular complications • Describe the management of common valvular heart disease conditions

Saturday, January 21, 2023

Ultrasound Guided Nerve Block Post-Course*

* This course is only open to Rural Anesthesia for GP Anesthesiologists course registrants.

7:30-8:00	Registration/Light Breakfast			
8:00-12:30	Demonstration Hands-on Practice	Adam Spencer James Green Ryan Endersby	Ultrasound Guided Nerve Blocks	<p>Demonstrate through comprehensive hands-on scanning, proper techniques for:</p> <ul style="list-style-type: none"> • Upper extremity blockade including interscalene, supraclavicular, infraclavicular and axillary brachial plexus nerve blocks • Lower extremity blockade including femoral, adductor canal block, popliteal, sciatic and ankle blocks • Truncal nerve blocks including transversus abdominal plane (TAP) blocks, rectus sheath block, ilioinguinal, iliohypogastric and transversalis fascia plane (TFP) block • Spinal ultrasound for neuraxial block
12:30	Adjournment			

Version 4.0 November 15th, 2022 - Program may change due to circumstances beyond our control