

University of Calgary Office of CME&PD

39th Annual Emergency Medicine for Rural Hospitals

IN-PERSON PROGRAM

Friday, January 20, 2023

Time	Session	Speaker	Title	Learning Objectives
17:30-18:30	Check-In			
18:30-19:00	Welcome Remarks			
19:00-20:30	Keynote	Dawn Peta Elaine Watson Kevin Palmer Ryan Hoskins Moderator: David Topps	Bridge Understanding During Challenging Times	<ul style="list-style-type: none"> Share experience of front line healthcare workers' experience during COVID-19 Pandemic Appreciate the challenges each healthcare profession faced Look forward to a collaborative future with better understanding of different healthcare stakeholders and professions

20:30-21:30 Social

Saturday, January 21, 2023

7:50-8:00	Welcome			
8:00-8:50	Plenary 1	Dawn Peta Jennifer Drover Kristen Mackenzie	Triage determines Destiny: Destination Triage	<ul style="list-style-type: none"> Establish effective team-based communication regarding triage Discuss concept, goals and purpose of triage Comprehend how triage may determine the destiny of a patient's medical journey Perform a brief assessment and identify patients who need immediate care
8:50-9:40	Plenary 2	Jocelyn Traynor Kelsey Jakobsen Robby Wang	My Patient is Bleeding and I Need Blood! Massive Transfusion in a Rural Setting	<ul style="list-style-type: none"> Outline the challenges of rural settings Describe basic activation criteria for massive transfusion situations in a rural setting Explain basic massive transfusion workflows and processes in the TM laboratory Comprehend how blood components and products are dispensed in massive transfusion situations Outline additional blood products available that may be used in conjunction with blood components
9:40-10:30	Plenary 3	Dawn Peta Jennifer Drover Kristen Mackenzie Natalie Palmer	MCI Simulation: A rural mass casualty incident	<ul style="list-style-type: none"> Discuss the criteria of MCI implementation and communication processes in a disaster situation Articulate roles and responsibilities for an MCI in your local community Comprehend how to utilize resources and the triage process in MCI

10:30-11:00 Break and Transition into Workshops

11:00-12:00	Concurrent Workshops Round One			
12:00-13:00	Lunch			
13:00-14:00	Concurrent Workshops Round Two			
14:00-14:15	Break			
14:15-15:15	Concurrent Workshops Round Three			
15:15-15:30	Break			
15:30-16:30	Concurrent Workshops Round Four			

Sunday, January 22, 2023

7:50-8:00	Welcome			
8:00-9:00	Plenary 4	Eddy Lang	Post-COVID Learnings	<ul style="list-style-type: none"> Describe the changes in healthcare utilization during the pandemic and implications for low-value care Articulate the shift to virtual care and its potential impact in rural settings List effect of the pandemic on non-COVID conditions
9:00-10:00	Plenary 5	Clare Puzey	STEMI Session – the Heart of the Matter!	<ul style="list-style-type: none"> Improve diagnostic skills and treatment choices for individuals who present with ST Elevation Myocardial Infarction (STEMI) Share department strategies for success Identify reperfusion and fibrinolysis eligibility Recognize ECG STEMI equivalents Use Order Set and Rural Transfer Guidelines and next steps Locate support if needed
10:00-10:20	Break			

10:20-11:20	Plenary 6	Eddy Lang	Violence in the ED: Building morale and keeping your team safe	<ul style="list-style-type: none">• Appreciate the impacts that workplace violence can have on emergency department staff• Focus on key policy initiatives and resources that have been developed to address the problem of ED workspace violence• Develop practical strategies for use at the individual and departmental level to mitigate the risks associated with violence in the ED
11:20-12:20	Plenary 7	Daniel Sundahl	Post Traumatic Growth – Finding Benefits within Challenges	<ul style="list-style-type: none">• Recognize the signs and symptoms of mental stress injuries• Learn techniques to build resiliency• Understand the concept of post-traumatic growth• Participate in a mental health self-assessment• Realize we are not alone in how we feel, and it is okay not to be okay• Discover new techniques in treating PTSD
12:20-12:30	Closing Remarks			
Concurrent Workshops				
Group A: Lectures Group B: Demo & Hands On				
Time	Session	Speaker	Title	Learning Objectives
	Workshop A1: Webcast	Charles Wang	Skin Conditions and Treatment	<ul style="list-style-type: none">• Identify emergency skin conditions and diagnose necrotizing fasciitis, invasive group A strep, Fournier's gangrene, etc.• Apply a variety of treatment options in addition to antibiotics• Determine when to refer
	Workshop A2	Jamie Bhamra John Kniel Stephanie Dotchin	Ophthalmological Emergencies	<ul style="list-style-type: none">• Use an evidence-based approach to eye examination• Use latest diagnostic criteria for common ocular presentations• Identify patients who require urgent referral• Manage common ocular presentations in the rural ED
	Workshop A3: Webcast	Clare Puzey	ECG Emergencies	<ul style="list-style-type: none">• Recognize Acute Coronary Syndrome (ACS)• Recommend STEMI management priorities based on ECG criteria• Identify AVR STE and STEMI equivalents and their treatment• Classify axis deviation and relevance to emergency medicine• Detect ECG pearls and pitfalls
	Workshop A4: Webcast	Connie Abrey Tammy Nelson	Pediatric DKA: What do I need to know?	<ul style="list-style-type: none">• Provide an overview of Pediatric DKA and the pathophysiology• Summarize key clinical knowledge from case studies
	Workshop A5: Webcast	Carol Huculak Liesl Heyns	The First 28 Days	<ul style="list-style-type: none">• Identify red flags for neonatal emergencies in the first 28 days of born• Recognize signs of congenital disease• Describe management of fever and when to refer
	Workshop A6: Webcast	Tammy Nelson Connie Abrey	Triage the Littles	<ul style="list-style-type: none">• List tips and tricks of triaging the young child• Explain common presentations for the non-verbal child when crying is a primary red flag
	Workshop A7: Webcast	Renee Decosse	ABG Analysis	<ul style="list-style-type: none">• Apply the method of ABG (arterial blood gas) analysis• Demonstrate tips and tricks for applying ABG analysis in a rural practice
	Workshop A8	Carole Rush	Burn Management: Initial Burn Management Outside the Ivory Tower	<ul style="list-style-type: none">• Apply initial assessment tips and tools for burn patient to help determine severity and care priorities• Provide initial care of burn patient, including practical fluid resuscitation, pain management options, and current transfer guidelines to tertiary Burn Centre(*Specific assessment and interventions for the burn wound will be covered in second session "To Do...Or Not To Do...That is the Burn Wound Question")
	Workshop A9: Webcast	Brandon Thome Edward Schaffer	Orthopedics Management	<ul style="list-style-type: none">• Approach orthopedics management and monitor, use and read of X-ray and follow up steps• Describe medication update in sports medicine/orthopedic medicine and plasma injection• Approach physio including online physio and other resources for practitioners based in remote areas
	Workshop A10: Webcast	Paul Douglas-Jones	Nasal Fractures and Epistaxis: An ER approach	<ul style="list-style-type: none">• Identify a nasal fracture, articulate its complications and describe an approach to manage in the ER• Identify cause, localize and management of epistaxis in the ER• Make appropriate ENT referrals

	Workshop A11: Webcast	Heather Godfrey	Concussion Update	<ul style="list-style-type: none"> Identify evidence-based, up-to-date treatment guidelines Identify clinician and patient education tools Discuss persistent symptom management
	Workshop A12	Carole Rush	Burn Management: To Do.. or Not To Do...That is the Burn Wound Question	<ul style="list-style-type: none"> Describe specific mechanisms of injury for burn wounds Prioritize burn wound care: cooling, debridement, blister management, dressing options, challenging burn wounds (e.g. tar) Manage burn wounds in your rural centre vs referral to specialized burn clinic/ centre
	Workshop B1	Jennifer Davis	Stop The Bleed	<ul style="list-style-type: none"> Recognize life-threatening bleeding and the need to immediately respond to bleeding Utilize the ABCs of bleeding control to assess and treat bleeding Demonstrate appropriate ways to control and stop life threatening bleeding
	Workshop B2	Jamie Bhamra John Kniel Stephanie Dotchin	Ophthalmological Emergencies	<ul style="list-style-type: none"> Use a slit lamp microscope in diagnosing common ocular emergencies Manage ocular emergencies Turn lids for foreign body location and removal Apply eye bandages effectively
	Workshop B3	Brad Davis Mike Peta	Airway and Ventilation	<ul style="list-style-type: none"> Recognize airway compromise Describe how to assess an airway for signs of compromise, patency, protection, and gas exchange Establish and maintain airway (e.g. indications for advanced airways) Conduct ventilation and assess effectiveness of ventilation
	Workshop B4	Neil White Wayne Sefcik	Advanced Suturing Techniques	<ul style="list-style-type: none"> Repair extensor tendon Revise partial amputation Approach z plasties
	Workshop B5	Chris Picard Lisa Watt	Resuscitation Skills for Rural Providers	<p>Identify the indications, contradictions, and complications for the following interventions associated with following resuscitation interventions:</p> <ul style="list-style-type: none"> Cardiopulmonary resuscitation Electrical defibrillation, cardioversion, and pacing Intraosseous cannulation <p>Describe a general approach to perform:</p> <ul style="list-style-type: none"> High-quality cardiopulmonary resuscitation Electrical defibrillation, cardioversion, and pacing Intraosseous cannulation <p>Demonstrate how to:</p> <ul style="list-style-type: none"> Correctly perform key aspects of CPR (chest compressions and BVM ventilation) Deliver electricity from a defibrillator to cardiovert, defibrillate or pace Insert an IO cannula in a simulated bone
	Workshop B6	Chris Picard Lisa Watt	Ultrasound Guided IV placement	<ul style="list-style-type: none"> Describe the principles of the ultrasound technology including ultrasound probe selection Identify the indications, contradictions, and complications of using ultrasound for IV placement Describe the anatomy, physiology, and landmarks of commonly used veins Demonstrate correct preparation and positioning of ultrasound equipment, environment, and patient Demonstrate how to select an appropriate insertion site and catheter size and length Demonstrate ultrasound-guided IV placement on a simulated vein
	Workshop B7	Neil White Wayne Sefcik	Hand and Wrist Injuries	<ul style="list-style-type: none"> Perform a thorough MSK examination of the hand and wrist Describe commonly missed hand and wrist injuries Splint the wrist and hand effectively Diagnose and treat common ligament and tendon injuries in the hand Identify clinical features and management options of some common types of hand injury
	Workshop B8	Christine Kennedy Sherry MacGillivray	Simulation: KidSIM Pediatric	<ul style="list-style-type: none"> List key components involved in a pediatric resuscitation including but not limited to the safe delivery of IV fluids, dextrose administration, medication dosing, selection of pediatric equipment and use of the Broselow tape, etc. Evaluate and practice your teamwork skills and crises resource management principles

	Workshop B9	Ryan Shields Victor Lun	Acute Lumbar Spine and Hip examination	<ul style="list-style-type: none"> • Perform a thorough physical examination of the lumbar spine and hip • Recognize findings for lumbar spine radiculopathy • Recognize abnormal hip joint findings for intra-articular hip joint conditions, greater trochanteric pain syndrome and sacroiliitis • Differentiate between mechanical and non-mechanical low back pain • Identify when imaging adds diagnostic value
	Workshop B10	Ryan Shields Victor Lun	Shoulder and Knee Injection	<ul style="list-style-type: none"> • Systematically examine the shoulder and knee joints • Discuss associated common joint problems • Aspirate or inject associated joints
	Workshop B11	Ryan Hoskins	No Pressure - Rare But Critical ER Trauma Skills	<ul style="list-style-type: none"> • Gain confidence in knowing when and how to do a cricothyroidotomy, pericardiocentesis and chest tube insertion • Perform these skills on mannequins, with tips and tricks for optimal results • Explain how these procedures are different in rural emergency room contexts • Discuss ways to maintain confidence in the long-term for these procedures
	Workshop B12	Pam Kaytor Randi Knutson	Get Your Paws on Your Patient: an Introduction to Trauma Nursing Assessment and Skills	<ul style="list-style-type: none"> • Discuss the Trauma Nursing resuscitation algorithm of care • Demonstrate Immobilization skills <ol style="list-style-type: none"> i. Pelvic binders ii. Cervical collars (semi-rigid and hard collars) iii. Vascular Access skills iv. Intraosseous access

Version 9.0 January 3rd, 2023 - Program may change due to circumstances beyond our control