ACCREDITION

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-M1

This program meets the accreditation criteria of The College of Family Physicians of Canada and has been accredited by the University of Calgary Office of Continuing Medical Education and Professional Development for up to 12.0 MAINPRO-M1 credits.

ADDITIONAL PROGRAM INFORMATION

ACCOMMODATION

Registrants must make their own accommodation arrangements. We recommend:
Banff Park Lodge, 222 Lynx Street, Banff, AB
Toll Free 1.800.661.9266
www.banffparklodge.com

A limited number of rooms have been held until December 7, 2015 at the rate of $127.00 per night plus taxes. Please indicate you are with the University of Calgary Emergency Medicine for Rural Hospitals course to obtain this rate. For on-line reservations: www.banffparklodge.com (ID#B170, Password #450).

No on-line bookings can be made after December 22, 2015.

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.

GUIDELINES FOR THE AMERICAN ACADEMY OF FAMILY PHYSICIANS

Members of the American Academy of Family Physicians are eligible to receive up to 12.0 prescribed credits for attendance at this meeting/event due to a reciprocal agreement with the College of Family Physicians of Canada.

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, 2380 Hospital Drive NW, Calgary, AB T2N 4Z6

ABOUT COURSE CONTENT

Catherine Young
Phone 403.220.8786
Email catherine.young@ucalgary.ca

ABOUT REGISTRATION

Phone 403.220.7032
Email cmereg@ucalgary.ca

ASSOCIATED PRE-COURSES

- Common Fractures and Dislocations Course January 22, 2016 (Banff Park Lodge)
- The ABCD Approach to Emergency Wound Care January 22, 2016 (Masons Hall)
- Diagnosing ECGs Emergently January 22, 2016 (Masons Hall)
- The ABCD Approach to Emergency Wound Care January 22, 2016 (Banff Park Lodge)

Please see the website for more information on these pre-courses and registration:
cumming.ucalgary.ca/cme/courses

COURSE OVERVIEW

This course provides updates on clinical topics relevant for physicians, nurses and other health professionals who practice in rural communities. Through a combination of plenary lectures, small group interactive sessions and hands-on skill development workshops; participants will review current best practices, guidelines, tools and techniques for investigating and managing emergent patients – from pre-hospital to the rural emergency department.

COURSE OBJECTIVES

The intent of the conference is for learners to:
• develop and enhance assessment, investigation and treatment skills for urgent/emergent patients presenting to the rural ED
• identify those patients who can be optimally managed in the rural ED and those who require transfer to a larger centre, ensuring safe patient transfers
• exchange ideas and information, forging links with other rural health professionals during shared learning experiences

WHO SHOULD ATTEND

Physicians, nurses and pre-hospital health professionals practicing in rural communities

CREDITS

MAINPRO-M1 – 12.0 credits
COURSE PROGRAM – PRELIMINARY

Friday, January 22

1800 Registration
1845 Opening Remarks
- Gavin Parker, Carolyn Robbins
1900 KEYNOTE
Accessing Evidence-informed ED Pathways to Support Care and Efficiency
- Michael Bullard
  - list the latest evidence-based protocols that are relevant to the rural ED
  - access latest clinical pathways information
  - translate clinical pathways into changes that support care and efficiency in the rural ED

2000 SHORT SNAPPER / PLENARY
Medical Communications in Emergencies – Within and Out of the Rural ED
- Ryan D’Avito
  - describe the advantages of using effective communication strategies in emergency medicine scenarios
  - use principles of sound communications with team members and colleagues

2030 Reception
An opportunity to socialize and network with colleagues while enjoying a wine and cheese reception.

2030 Planning Committee Meeting

Saturday, January 23

0715 Continental Breakfast
0745 Welcome / Announcements
- Gavin Parker, Carolyn Robbins
0755 PLENARY
High-advice Calls to RAAPID
- John Montpetit
  - describe provincial RAAPID initiatives that support patient disposition in the rural context
  - list commonest patient presentations in the rural ED that trigger calls to RAAPID
  - apply advice, derived from high-volume calls to RAAPID, in your own ED

0835 PLENARY
When Disaster Strikes – How to Recover your Rural Emergency Department
- Karina Pillay, Kristine Woodley
  - identify resources available to help in the short, medium and long term stages of recovery
  - recognize potential long-term effects on staff and community

0915 PLENARY
Game Changers from the 2015 Emergency Literature Part 1
- Jim Cross
  - describe recent Emergency Medicine literature that challenges existing thinking
  - translate new evidence-based findings into practice in the rural ED
  - improve the flow in your emergency department

0955 Break

1020 CONCURRENT WORKSHOPS
1115 Move to Next Session
1130 CONCURRENT WORKSHOPS
1225 Lunch
1315 CONCURRENT WORKSHOPS
1410 Move to Next Session
1435 CONCURRENT WORKSHOPS
1520 Move to Next Session
1535 CONCURRENT WORKSHOPS
1630 Adjournment

See pages 3-7 for CONCURRENT WORKSHOPS information and listing

PROGRAM MAY CHANGE DUE TO CIRCUMSTANCES BEYOND OUR CONTROL.

CONCURRENT WORKSHOPS SELECTIONS
Concurrent workshop sessions have been designed for physicians and nurse practitioners, pre-hospital and nursing professions; or both (multidisciplinary).

GROUP A sessions are designed for the identified health professionals, although other disciplines are welcome to attend.
A1-A7 PHYSICIANS AND NURSE PRACTITIONERS
A8-A11 PRE-HOSPITAL AND NURSING PROFESSIONS
A12-A22 MULTIDISCIPLINARY

Select 12 - Number in order of preference with 1 being the most important
A1 Ophthalmological Emergencies
A2 Interpreting Complex Cardiac and Non-cardiac ECG Manifestations
A3 Disclosure of Unanticipated Medical Outcomes
A4 Renal Colic
A5 Rodeo and Ski Hill Heads: Concussions
A6 Staying Out of the Vortex: Pediatric Airways
A7 Commonly-missed C-spine Interpretations
A8 Bundles: Branch Blocks Revealed
A9 5 Shades of Grey – Honing your Triage Skills
A10 Pediatric Trauma: Motorized Recreational Vehicles
A11 Hypothermia and Coagulopathy in the Trauma Patient
A12 Post-partum Hemorrhage in the ED
A13 The Importance and Benefits of Dribriefing in the ED
A14 Handover: Passing Patients Like Hot Potatoes
A15 Introduction to the Incident Command System
A16 A Patient Safety Event has Occurred – Who is to Blame?
A17 What You Need To Know: New Guidelines on Restraining and Monitoring the At-Risk Patient in the ED
A18 The NP in the Transition Clinic
A19 Mechanical Ventilation Made Easy – 1, 2, 3!
A20 Blink or Think? Diagnostic Reasoning Skills
A21 Hemorrhage and Hypovolemia: Best Management Choices in the Rural ER
A22 Sepsis

GROUP B sessions are restricted to members of the identified health discipline. By their nature, these sessions are limited capacity therefore participants may attend a maximum of two Group B sessions.
B1-B7 PHYSICIANS AND NURSE PRACTITIONERS
B8-B10 PRE-HOSPITAL AND NURSING PROFESSIONS
B11-B16 MULTIDISCIPLINARY

Select 7 - Number in order of preference with 1 being the most important
B1 Ophthalmology Examination
B2 Hand Trauma: Casting and Splinting
B3 Hand Trauma: Suturing
B4 Introduction to Point-of-care Ultrasound in the Rural ED
B5 Systematic Approach to the Lumbar Spine and Hip Examination
B6 Knee Examination and Joint Injection
B7 US-Guided Regional Anesthesia in the ED: Simple, Safe and Effective Blocks for Upper and Lower Extremities

PRE-HOSPITAL AND NURSING PROFESSIONS
Select 3 - Number in order of preference with 1 being the most important
B8 Access Pearls: Using and Caring for Central Venous Catheters
B9 Respiratory Support to the Rescue: Great Options for Rural Hospitals
B10 Rodeo and Ski Hill Bodies: Chest and Pelvis

MULTIDISCIPLINARY
Select 6 - Number in order of preference with 1 being the most important
B11 STARS Bus
B12 Chest Tubes and Pigtail Catheters
B13 Difficult Airways (hands-on)
B14 Epistaxis and Parotid/Ear Abscess
B15 Adult Human Patient Simulator
B16 The EMS Multi-Patient Vehicle


**REGISTRATION FORM**

**Part 1**

32nd Annual Emergency Medicine for Rural Hospitals
January 22-24, 2016

**PROFESSION**

**PHYSICIAN**

**OTHER HEALTH PROFESSIONAL – PLEASE SPECIFY**

**STUDENT / RESIDENT (FULL-TIME STUDENTS ONLY)**

**FIRST NAME**

**LAST NAME**

**ADDRESS**

**CITY**

**PROVINCE**

**POSTAL CODE**

**AREA CODE**

**PHONE**

**EMAIL**

**SIGNATURE**

Yes, I wish to subscribe to the CME monthly electronic newsletter

**REGISTRATION FEE**

PLUS 5% GST - UCalgary GST Registration #108102864RT0001

ADD 5% TO FEES BELOW TO CALCULATE TOTAL COURSE FEE

**EARLY RATE** on or before December 21, 2015

- $610.00 Physician
- $445.00 Other Health Professional
- $340.00 Student / Resident (FULL-TIME STUDENTS ONLY)

**REGULAR RATE** after December 21, 2015

- $665.00 Physician
- $475.00 Other Health Professional
- $340.00 Student / Resident (FULL-TIME STUDENTS ONLY)

**ON-SITE RATE** (based on availability and not guaranteed)

- $760.00 Physician
- $510.00 Other Health Professional
- $340.00 Student / Resident (FULL-TIME STUDENTS ONLY)

**COMPLETE REGISTRATION FORM Part 2 >>**

**REGISTER**

BY FAX

Credit Card Payment Only

Confidential Fax

Fax 403.270.2330

BY MAIL

Cheque Payable - UNIVERSITY OF CALGARY

COURSE PROGRAM – PRELIMINARY

Sunday, January 24

**0700** Continental Breakfast

**0800** Welcome / Announcements
  - Gavin Parker, Carolyn Robbins

**0810** PLenary

Game Changers from the 2015 Emergency Literature Part 2
  - Jim Cross
  - describe recent Emergency Medicine literature that challenges existing thinking
  - translate new evidence-based findings into practice in the rural ED
  - improve the flow in your emergency department

**0910** PLenary

Fighting Fentanyl: The Latest Battle in the War on Drugs
  - Mark Yarema
  - recognize opioid poisoning and explain the pathophysiology behind presenting features
  - describe populations most affected by fentanyl and other opioid poisoning
  - manage acute opioid withdrawal and opioid poisoning in the rural ED
  - apply practical preventative strategies

**1220** Closing Remarks / Adjournment
  - Gavin Parker, Carolyn Robbins

**CONCURRENT WORKSHOPS INFORMATION**

Saturday, January 23

1020, 1130, 1315, 1425, 1535

Each concurrent workshop is 55 minutes long with 15 minutes for travel to the next session – lunch is 1225 to 1315.

Concurrent workshop sessions have been designed for physicians and nurse practitioners, pre-hospital and nursing professions; or both (multidisciplinary).

**GROUP A** sessions are designed for the identified health professionals, although other disciplines are welcome to attend.

**GROUP B** sessions are restricted to members of the identified health discipline. By their nature, these sessions are limited capacity therefore participants may attend a maximum of two Group B sessions.

Sessions will be held at the Banff Park Lodge and the Mineral Springs Hospital (located next to the hotel).

**NOTE** – A short walk between the two venues in winter conditions may be required.

**REGISTER EARLY TO ENSURE YOUR CHOICE OF WORKSHOP SESSIONS**

**PROVENCE 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.
**CONCURRENT WORKSHOPS**

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

**GROUP A**

**PHYSICIANS AND NURSE PRACTITIONERS (A1-A7)**

A1 Ophthalmological Emergencies
- Jamie Bhattacharya, Gordon Douglas, John Kniel
  - use an evidence-based approach to the eye examination
  - use up-to-date diagnostic criteria for common ocular presentations
  - identify patients who require urgent referral
  - manage commonly-seen ocular presentations in the rural ED

A2 Interpreting Complex Cardiac and Non-cardiac ECG Manifestations
- Ryan Currah
  - distinguish medically significant ECG abnormalities
  - recognize ECG manifestations of non-cardiac disease
  - manage medically-significant ECG abnormalities

A3 Disclosure of Unanticipated Medical Outcomes
- Vincent Hanlon
  - describe, and develop strategies to help mitigate, potential causal factors in an adverse medical event
  - follow essential steps in the disclosure process
  - select appropriate methods for dealing with the emotional fallout of adverse events and their disclosure

A4 Renal Colic
- Grant Innes
  - describe the value of ultrasound in diagnosis of acute renal colic
  - recognize predictors of adverse outcomes when acute renal colic has been diagnosed
  - list indications for transfer and referral
  - adopt an evidence-based approach to early management of acute renal colic

A5 Rodeo and Ski Hill Heads: Concussions
- David Rhime
  - differentiate and describe subjective and objective concussion assessment methods, and their importance
  - identify optimal concussion management techniques (rest vs activation, sub-symptom exercise rehab, return to play)
  - access additional resources when concussion management techniques are not in your current skill set

**A6 Staying Out of the Vortex: Pediatric Airways**
- Jamin Mulvey
  - describe algorithms for approaching the difficult pediatric airway
  - apply Crew Resource Management principles to the pediatric airway crisis
  - apply enhanced airway management skills to the anticipated difficult pediatric airway

**A7 Commonly-Missed C-spine Interpretations**
- Ian Walker
  - appropriately apply clinical decision rules for the clinical clearance of the C-spine
  - confidently interpret plain X-ray C-spine images
  - identify patients who require CT imaging to rule out an unstable C-spine fracture
  - identify common causes of missed C-spine fractures

**A8 Bundle Branch Blocks Revealed**
- Christopher Coldman
  - explain normal conduction in bundle branches, and implications of bundle branch pathology
  - describe basics of 12-lead ECG
  - recognize right and left bundle branch block in an ECG
  - recognize the ECG of a patient suffering an MI with LBBB

**A9 5 Shades of Grey – Honing your Triage Skills**
- Laura Fowler, Rosemary Schmidt
  - compare your triage skills with those of your peers in this interactive gaming session using real ED cases.
  - increase your scoring accuracy for patients in the rural ED, using CTAS guidelines
  - use triage modifiers to help prioritize patients for medical attention
  - use infection control measures appropriately
  - observe procedures for ensuring triage nurse safety

**A10 Pediatric Trauma: Motorized Recreational Vehicles**
- Sherry MacGillivray
  - recognize injury patterns that typify MRV trauma in youth
  - develop an approach to stabilization and initial treatment of pediatric patients involved in MRV accidents
  - describe the legislation for youth riding MRVs and be an advocate for safe riding

**LOCAL (CALGARY) FACULTY**

David Allison EMT-P
Mobile Simulation Program Lead, STARS

Jamie Bhattacharya MD FRCS
Clinical Associate Professor, Cumming School of Medicine, University of Calgary

Christopher Colman RN BScN
Clinical Nurse Educator

Amy Deagle RN BN MScN
Nurse Lead, Maternal Newborn Clinic

Carolyn Doetzel RN MN NP
Alberta Thoracic Oncology Program

Sherry MacGillivray RN BScN
Rural Emergency Clinic

Jennifer Semaka RN BN MSc
Director of Clinical Operations, STARS

Heather Grant RN
Clinical Nurse Educator

Chad Hegge BScH EMT-P
Educator and Flight Paramedic, STARS

Anta Hui MD FRCPC
Clinical Assistant Professor, Cumming School of Medicine, University of Calgary

Grant Innes MD FRCPC CCFP
Department of Emergency Medicine, Rockyview Hospital

Dave Evans EMT-P CMT
Director of Clinical Operations, STARS

Monique Fernquist RN
Education Coordinator, Emergency Link

Jamin Mulvey FANZCA MPHTM MBBS(Hons)
Chief Medical Officer, STARS

Sherry MacGillivray RN BScN
Trauma Coordinator, Alberta Children's Hospital

John Montpetit RN BN
Director, PADS, RAAPID North/South

Shannon Moore BSc EMT
Manager, Patient Safety & Clinical Assurance; Chief Medical Office, STARS

Jamie Mulvey FANZCA MPHTMB MBBs(Hons) BSc(Hons)
Anestesiologist, Alberta Health Services

Karina Pillay
Medical Student, Cumming School of Medicine, University of Calgary

Jennifer Semaka RN BN MSc
Simulation Consultant, 4SM South, Provincial Simulation Program

**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.
Gavin Parker MD CCFP Course Co-Chair
Carolyn Robbins RN BN Course Co-Chair
Simon Bartley MD CCFP/EM
Renee Deagle BN MD Candidate
Renee Decosse RN BScN ACCN-ER

PLANNING COMMITTEE
Steve Douglas MD CCFP
Laura Fowler RN BN ENC(C)
Mary Johnston MD CCFP (EM) FCFP
Jan Kautz RN BN
Audrey McKenzie RN BScN
Kevin Palmer EMT-P DMM

Thora Skelton RN BScN
Margie Smith RN BScN
Jennifer Woods RN BScN
Hilary Delee BScN MSc
CME Representative

Laura Fowler RN BN ENC(C)
– Cranbrook, BC
– Strathcona, AB
Emergency Medicine Physician
– Christopher Lake, SK

Jim Cross MD
– Pincher Creek, AB
University of Alberta
Professor of Emergency Medicine,
Michael Bullard MD FRCP CC ABEEM
Professor of Emergency Medicine, University of Alberta
– Edmonton, AB
– Cranbrook, BC

Lola Bees RN
Clinical Educator, ER/OR, High River Hospital
– High River, AB

Fraser Bowden MD CCFP(EM)
Family Medicine, East Kootenay Regional Hospital
– Cranbrook, BC

Tess Craig RRT CRE
Respiratory Therapist
– Pincher Creek, AB

Jim Cross MD
Family Physician, Former Chief of Emergency
– Christopher Lake, SK

Ryan Currah MD CCFP
Emergency Medicine Physician
– Edmonton, AB

Hugh Hindle MBBS CCFP
Emergency Physician, Red Deer Regional Hospital Clinical Associate Professor, Department of Family Medicine, University of Alberta
– Edmonton, AB

Jason Ings NP MN
– Edmonton, AB

Stuart Johnston MBCB CCFP FRIMMS
Associate Professor, University of British Columbia
– Oliver, BC

Mike Kapusta MD CCFP
– High River, AB

Darin Klemmer NP-FAA
Ambulatory Care Clinic
– Strathcona, AB

John Kriek
– St Albart, AB

Larissa Lewis RRT CRE
Respiratory Therapist
– Pincher Creek, AB

Francesco Louw FCFP(EM) MBCB(B)PreT
DA(SA) ECPMG
Clinical Assistant Professor, Department of Family Practice University of British Columbia,
– Kelowna, BC

Kevin Palmer EMT-P DMM
– Banff, AB

Theresa Pasquotti RN BN ENC(C)
Trauma Coordinator, Staff Nurse
– Lethbridge, AB

Trina Peters
LPN/Orthopaedic Technician
– Hanna, AB

Tino Piccione MD PhD FRCPC(Paedo)
Canadian Medical Protective Association
– Ottawa, ON

David Rhine MD FRCP
– Kelowna, BC

Rosemary Schmidt RN BScN RN ENC(C)
Charge Nurse, Emergency Department, Red Deer Hospital
– Red Deer, AB

Bill Sevcik MD FRCP
Associate Professor, Department of Emergency Medicine, University of Alberta;
Acting Site Chief, University of Alberta
Emergency Department; Division of Pediatric Emergency Medicine, Stollery Children’s Hospital; PICU Transport Physician; CRHPP Medical Director, Stollery Children’s Hospital; Chairman of the Capital Health Pediatric Trauma Committee
– Edmonton, AB

Jared Van Buskell MD
Family Physician, Associate Medical Clinic
– Pincher Creek, AB

Rob Warren MD CCFP
Clinical Lecturer, University of Calgary and University of Alberta
– Calgary, AB

Vesta Michelle Warren MD CCFP FCFP
Rural Generalist Physician, Moos & Squirrel Medical Clinic; Clinical Lecturer, University of Alberta and University of Calgary
– Sundre, AB

Kristine Woddyly MD CCFP
Rural Preceptor, University of Calgary
– Pincher Creek, AB

Mary Johnston MD CCFP (EM) FCFP
– Red Deer, AB

Jan Kautz RN BN
– Red Deer, AB

Lola Bees RN
– Edmonton, AB

Laura Fowler RN BN ENC(C)
– Cranbrook, BC
– Strathcona, AB
Emergency Medicine Physician
– Christopher Lake, SK

Jim Cross MD
– Pincher Creek, AB
University of Alberta
Professor of Emergency Medicine,
CONCURRENT WORKSHOPS

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

A22  Sepsis
- Vesta Michelle Warren, Rob Warren
  • describe the training necessary to become competent to
  • identify SIRS and sepsis in the ED (stage being time zero)
  • implement and monitor Early Goal Directed therapy
  • select appropriate antimicrobial therapy for the septic patient
  • take account of special considerations in the pediatric patient
  • use bedside u/s in the ER to document fluid status and response to treatment

GROUP B

PHYSICIANS AND NURSE PRACTITIONERS (B1-B7)

B1  Ophthalmology Examination
- Jamie Bhamra, Gordon Douglas, John Knial
  • use the slit-lamp ophthalmoscope
  • recognize common intraocular emergencies
  • perform common procedures such as lid-turning and application of eye bandages

B2  Hand Trauma: Casting and Splinting
- David Dearden, Trina Peters
  • recognize common orthopedic hand injuries presenting to the rural ED
  • identify those patients whose hand injuries require referral
  • use appropriate casting or splinting techniques for thumb, finger and knuckle trauma

B3  Hand Trauma: Suturing
- Jason Ings, Stuart Johnston
  • recognize types of hand trauma commonly presenting in the rural ED
  • identify those patients who require referral
  • develop an approach to managing hand trauma in the rural ED
  • use appropriate techniques for surgical repair of damaged tendons in the hand

B4  Introduction to Point-of-care Ultrasound in the Rural ED
- Mike Kapusta, Rob Warren
  • explain how point-of-care ultrasound (POCUS) can contribute to the diagnosis of patients in the ED
  • describe the training necessary to become competent to safely perform POCUS in the rural ED
  • develop an approach to basic image generation for primary applications of POCUS in the rural ED, such as FAST, AAA, pelvic US in pregnancy and procedural US

B5  Systematic Approach to the Lumbar Spine and Hip Examination
- Victor Lun, Preston Wiley
  • develop an approach to the diagnosis and management of common causes of lumbar spine and hip pain
  • systematically examine the lumbar spine and hip

B6  Knee Examination and Joint Injection
- Victor Lun, Preston Wiley
  • systematically examine the knee joint
  • aspirate or inject the knee joint

B7  US-Guided Regional Anesthesia in the ED: Simple, Safe and Effective Blocks for Upper and Lower Extremities
- Adam Spencer, Tim Souster
  • explain indications and contraindications for using upper and lower extremity blocks
  • describe the neuroanatomy relevant to regional anesthetic blocks
  • locate anatomical landmarks and correlate with sonography for common blocks
  • administer upper and lower extremity blocks safely and effectively

PRE-HOSPITAL AND NURSING PROFESSIONS (B8-B10)

B8  Access Pearls: Using and Caring for Central Venous Catheters
- Lola Bevs
  • describe best-practice maintenance requirements for CVCs (PICC and IVADs)
  • rapidly access CVCs for flushing, drawing bloods, and administering agents
  • recognize the signs and symptoms of potential CVC complications
  • safely remove CVCs secured by a device (e.g. SecurACath)

B9  Respiratory Support to the Rescue: Great Options for Rural Hospitals
- Tess Craig, Larissa Lewis
  • effectively use disposable CPAP to treat pulmonary edema
  • employ a resuscitation device to provide CPAP or ventilation in the delivery room
  • use a high flow oxygen delivery device to provide accurate concentrations of oxygen comfortably

CONCURRENT WORKSHOPS

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

B10  Rodeo and Ski Hill Bodies: Chest and Pelvis
- Theresa Pasquotti
  • develop an approach to trauma care for the patient with a flail chest and/or pelvic fractures
  • stabilize pelvic fractures with pelvic binders (‘T’-pool and Sam Sling)
  • prioritize trauma care for patients with chest and pelvic injuries prior to transfer

B11  STARS Bus
- David Allison
  • develop confidence managing critically ill patients with anaphylaxis, SOB with airway compromise, dysrhythmias
  • prepare patients ready for transfer by STARS
  • enhance teamwork, communications and confidence working through crises

B12  Chest Tubes and Pigtail Catheters
- Fraser Bowden, Renee Decosse
  • locate anatomical landmarks and correlate with sonography for common blocks
  • insert large bore and pigtail catheters
  • recognize and use appropriate chest drainage devices and systems
  • troubleshoot closed drainage systems

B13  Difficult Airways (hands-on)
- Heather Grant, Francois Louw, Carl Thiessen
  • prepare for and support EMS MPV functions when deployed to your site in a disaster scenario

B14  Epistaxis and Peritonsillar Abscess
- Anita Hui
  • use recommended current treatments for epistaxis
  • recognize peritonsillar abscess and develop an evidence-based approach to treatment
  • identify red flags following nasal packing
  • distinguish patients who require referral to ENT

MULTIDISCIPLINARY (B11-16)

B15  Adult Human Patient Simulator
- Bobbi Johal, Jennifer Semaka, Jared Van Bussel
  • use the principles of Crisis Resource Management teamwork in the rural ED
  • recognize the critically ill patient
  • approach management of the critically ill patient more efficiently, effectively and calmly

B16  The EMS Multi-Patient Vehicle
- Brad Witcher
  • describe patient transfer, IT and communications and mobile command centre functions of the EMS MPV
  • describe when and how to involve EMS MPV in a disaster scenario
  • prepare for and support EMS MPV functions when deployed to your site in a disaster scenario