



A PRACTICAL COURSE IN EMERGENCY MEDICINE December 11-12, 2023



This course is intended for primary care physicians who include Emergency Medicine in the scope of their practice. Through plenary sessions and interactive workshops, participants will learn how to approach and how to manage problems commonly seen in the Emergency Department. Controversies and new developments will be highlighted.

OVERALL LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

- Assess common problems seen in the Emergency Department
- Manage a wide variety of acute emergency presentations
- Apply new developments to clinical care
- Identify controversies in new investigations, management strategies and therapies
- Optimize patient care when resources are limited.

MONDAY, DECEMBER 11th, 2023

Focus on Diagnostic Dilemmas

Acute Dizziness and Vertigo in the ED: GRACE-3 – *Suneel Upadhye*

1. Identify different clinical vertigo syndromes
2. Propose recommendations for ED dizziness/vertigo management
3. Analyze the evidence supporting GRACE-3 recommendations

Approach to the Patient with Palpitations – *Jacqueline Joza*

- Recognize the different types of arrhythmia presentations
- Identify the best tests to order
- Distinguish benign from malignant

Missed Fractures in the ED: How to Avoid the Trap – *Stéphane Borreman*

- Demonstrate an approach to lessen the risk of missing a fracture at the ED
- Recognize some of XR negative serious MSK injuries
- Review a few of specific fractures frequently missed

Focus on Being Prepared

Dry Decon – *Valérie Homier, Kaelan Gobeil Odai*

- Explain when to use dry decontamination of patients in a hospital
- List the steps involved in performing dry decontamination of patients
- Recall the equipment required for dry decontamination in a hospital

Post Contrast Acute Kidney Injury – *Raphael Hamad*

- Recognize the implications of different definitions of PCAKI
- Discuss highlights from a brief review of literature
- Apply guidelines: Putting it all together and take-home points

Sex Ed for the EM Doc: Selected Topics in Sexual Health – *Alexandre Coutin*

- Recognize how sexual practices pertain to the health of our patients
- Collect tools to obtain a sexual history effectively and inclusively in the ED
- Review the epidemiology of sexual activity as a risk factor for emergent pathology
- Explore selected sexual health topics that are less frequently in medical training

JC DICKISON MEMORIAL LECTURE

An Advocacy Journey for Public Access Defibrillation – *François de Champlain*

- Discuss my own journey as an EM physician to become an advocate to improve access and use of AEDs in the province of Quebec
- Identify the importance of legislation for Public Access Defibrillation
- Recognize the importance EM is a discipline suited for advocacy in healthcare

WORKSHOPS – SESSION A & B

Can't Miss Ischemic EKGs – *Carina Antczak*

- Identify STEMI equivalents on EKG

Trans & Gender Diverse Care in EM – *Alexandre Coutin*

- Define terms related to TGD identities and health
- Recognize the health inequities and barriers faced by the TGD community
- Identify how gender medicine pertains to acute care
- Create a desire to learn more about TGD patients to better care for them

The 5-minute Neurological Exam – *Stuart Lubarsky*

- Illustrate the basic skills necessary to perform a “screening” exam in neurology
- Illustrate the basic skills necessary to perform a focused neurological exam on patients with common neurological problems
- Apply the high-yield exam techniques for the busy ER physician

Violence in the ED – *Mitch Shulman*

- Recognize the scope of the problem
- Recognize the signs of impending violence and danger in the Emergency Department
- Minimize the risk of physical violence for themselves and their staff
- Manage violent confrontations including safe chemical sedation

Top Articles in Emergency Medicine – *Suneel Upadhye*

- Critically appraise the articles presented, including an understanding of methodology, analysis, and bias
- Identify the clinical practice change suggested by the new research / article
- Implement recent evidence-based findings in improving the clinical care of ED patients

TUESDAY, DECEMBER 12th, 2023

Canadian Medical Protective Association

Diagnostic Dilemmas: Optimizing Patient Safety when Dealing with Uncertainty – *Lisa Thurgur*

- Identify the top 5 diagnostic issues in Emergency Medicine
- Describe 2 strategies to mitigate risk associated with diagnostic uncertainty
- Recognize the importance of shared decision-making discussions and documentation when dealing with diagnostic uncertainty

WORKSHOPS – SESSION C & D

All you *Kneed* to Know: A Hands-On Workshop for the Acutely Injured Knee – *Monica Cermignani*

- Perform a targeted exam for key EM relevant knee injuries.
- Illustrate the role of plain films and other imaging modalities in the assessment of the acutely injured knee.
- Provide appropriate post-ED care advice and follow up of acute knee injuries.

Pediatric Hand and Finger Injuries: Know Their Management Like the Back of your Hand – *Cathie-Kim Le*

- Demonstrate how to complete a throughout examination of pediatrics hand injuries
- Identify the pearls and pitfalls to properly identify and manage pediatric hand injuries
- Apply proper management and immobilization techniques for pediatric hand injuries

Learning to FLOW: Balancing Effectiveness & Efficiency – *Constance LeBlanc*

- Appraise the tension between the waiting room and the patient in front to you and reflect on the definition of great care
- Employ effective evidence informed practices to maintain effectiveness
- Use new tricks to avoid the huge rush while remaining efficiency and commit to trying something new on your next shift!

Rapid Fire Pediatric Cases – *Rod Lim*

- Assess, recognize, and manage common pediatric problems seen in the Emergency Department
- Identify important clinical considerations with pediatric conditions that may lead you to consider the diagnosis
- Evaluate important radiographs that may indicate important pediatric diagnoses.

Tox Cases – *Lisa Thurgur*

- Identify toxicologic cases that are higher risk for patient safety and medico-legal concerns
- Describe the management necessary to mitigate risk associated with toxicologic cases
- Examine the data associated with high risk toxicologic cases

Focus on Leadership

Moderator: *Phyllis Vetere*

Equity, Diversity, Inclusivity & Accessibility: Why bother? – *Constance LeBlanc*

- Recognize our biases and see them in their true light
- Review *Fast Facts* on societal bias
- Examine the impact of our biases on patient care and patient outcomes
- Commit to one change

Cognitive Resource Economics: How to Use Cortical ATP Efficiently – *Joe Nemeth*

- Define burden of cognitive loading
- Identify cognitive loading "events" in your practice
- List ways in which ED physicians can manage cognitive exertion and exhaustion

An Exploration of the Interplay between Wellbeing and Quality and Safety – *Rod Lim*

- Discuss the importance of wellbeing and burnout in emergency medicine today
- Explain how Wellbeing intersects with Quality and Safety Initiatives and how to use a well-being lens
- Propose how to move towards improved well-being using a QIPS framework

HELEN KAROUNIS MEMORIAL SERIES IN PEDIATRIC EMERGENCY MEDICINE

Current Toxins of Interest in Pediatrics – *Sophie Gosselin*

- Differentiate the kinetics of inhaled versus ingested cannabis products
- List the indications for cardiac monitoring and antidote treatment of guanfacine ingestions
- Recognize the difficulty with ingestions of liquids with unlisted ingredients potentially containing glycol ethers or toxic alcohols.

Approach to Suicide Screening in the ED – *Brian Greenfield*

- Identify treatment targets among suicidal youth
- Assess when to hospitalize suicidal youth
- Relate co-morbidly among suicidal youth

Heavy Menstrual Bleeding in the ED Setting – *Dr. Suzanne MacDonald*

- Explain the physiology of menstruation in the adolescent patient
- Formulate the differential diagnosis of abnormal menstrual bleeding in the post pubertal teens
- Identify the first steps in treatment of abnormal menstrual bleeding in teens according to severity of bleeding