

GRAND ROUNDS EMERGENCY MEDICINE – 2024

December 19, 2024 DEM Grand Rounds

Speaker: Dr. Shannon Ruzycki

Title: Addressing Equity Gaps: The Precision Equity and Anti-Racism Toolkit

Description: Gaps in equity for patients and physicians are well-documented. Addressing these disparities is challenging, and individual physicians may be unsure where to start. We have developed a theory-informed, evidence-based toolkit to help physicians, leaders, and systems measure and address inequities in their settings.

[view recording](#)

December 12, 2024 DEM Grand Rounds

Speaker: Dr. Anil Keshvara

Title: PERTinent management of Pulmonary Embolism in the ED

Description: Focus on pulmonary embolism risk stratification using clinical tools and utilization of PE response team pathways for complex cases. Prioritize careful selection of advanced therapies and enhance skills in imaging to identify patients at risk of clinical deterioration.

Speaker: Dr. Daniel Park

Title: Ocular Trauma: A View from the Emergency Medicine Lens

Description: The presentation will provide a review of five important presentations in ocular or orbital trauma (orbital blow-out fractures, eyelid injury, traumatic hyphema, globe rupture and retrobulbar hemorrhage) and touch on some of the evidence on controversies in management.

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December 05, 2024 DEM Grand Rounds

Speaker: Dr. Maude Bouchard

Moderator: Dr. Conor McKaigney

Title: Sleep and Shift Work for Emergency Physicians

Description: When your work schedule goes against your body's natural rhythms, sleep can suffer. This presentation examines how shift work disrupts sleep and offers practical tools to optimize rest and recovery.

[view recording](#)

November 28, 2024 Pediatric Trauma Rounds

Speaker: Dr. Marcel Abouassaly, Pediatric Orthopedic Surgeon, Alberta Children's Hospital

Title: Pelvic Fractures: Unique case of a Two Year Old

No **Description** or learning objectives provided

Note: *No recording for this Grand Round*

November 14, 2024 DEM Grand Rounds

Speaker: Dr. Trevor Langhan

Title: The Aging Emergency Physician

Description: Emergency Medicine doctors skew younger when compared to other hospital care providers. With a focus on his personal experience over 20 years working in an academic tertiary care hospital, Dr Langhan will review the many factors at play as an aging Emergency Physician.

Note: *No recording for this Grand Round*

Research Update

Speaker 2: Dr. Jessica Moe (UBC)

November 07, 2024 DEM Grand Rounds

Speaker: Dr. Jayelle Friesen-Enns

Moderator: Dr. Fiona Mattatall

Title: TRANS-forming Trauma Care

Description: This presentation will provide an overview of important medical considerations that are relevant to the primary survey of traumatic injuries in patients who have undergone gender-affirming medical interventions.

[**view recording**](#)

October 31, 2024 DEM Grand Rounds

Speakers: Deborah E. Prowse KC, Chair, Mental Health Review Panel (Calgary South)

Sharon Sproule, Vice Chair, Mental Health Review Panel

Title: Nightmare of the Mental Health Act

Description: Deb and Sharon will be providing an overview of the requirements of the Mental Health Act forms and why they are not just "another form to fill out".

[**view recording**](#)

October 24, 2024 PEM City-Wide Rounds

Speakers: Drs. Stephen Freedman and Dr. Silviu Grisaru

Title: Improving Outcomes in Children with Shiga toxin-producing E. coli Infection: Implementing a Clinical Care Pathway

Learning Objectives:

- Review the pathophysiology and etiology of STECHUS
- Describe care gaps and the need to improve care
- Describe STEC-HUS fluid management controversy
- Describe changes to ACH STEC care pathway

Note: No recording for this PEM City-Wide round

October 17, 2024 QAER Grand Rounds

Moderator: Dr. Adam Oster

Speaker: Dr. Julia Cirone

Title: A Case of Cardiac Arrest Associated with the Use of Restraints

Description: We will review a case of a cardiac arrest that occurred in the emergency department while a patient was mechanically restrained. We will discuss the personal and systems factors that contributed to this adverse outcome and how we can learn from the event.

Note: No recording for this QAER round

October 10, 2024 DEM Grand Rounds

Session #1 DEM Grand Rounds

Speaker: Dr. Bhavini Gohel

Title: Leading the Environmental sustainability and resiliency work, AHS Planetary Health and Sustainable Health Care: Strategies that can be considered at the Department level

Description: Climate changes impact on healthcare and how we move our healthcare system to more resilient and sustainable healthcare system.

Session #2: Research Updates: Improving care for patient with syncope and HDOCC trials

Speaker: Dr. Krishan Yadav (U Ottawa)

Title: Cellulitis: HI-DOCC RCT

Speaker: Dr. Andrew McRae

Title: Improving Care for Patients with Syncope

[view recording](#)

October 03, 2024 DEM Grand Rounds

Speaker: Dr. Pavneet Singh

Title: Pain Management in the Emergency Department: From an EDI Lens

Description: This talk will cover the basics of ED pain management along with discussing pain management from an equity, diversity, and inclusivity perspective.

[view recording](#)

September 26/27, 2024 PEM City-Wide Rounds / Pediatric Trauma Rounds

Speaker: Dr. Thomas Cawthorn

Title: Pediatric burn care: Building collaboration between emergency medicine and plastic surgery

Objectives:

- Review the acute management of pediatric patients with burn injuries
- Discuss ongoing and future changes to the Burn Program at ACH
- Discuss opportunities for optimizing the interactions between PEM and Plastic Surgery

September 27, 2024

Speakers: Drs. Daffer Ghanim and Maurice Bayhon

Title: Cervical Spine Injuries

Note: *No recordings for either of these two rounds*

September 19, 2024 DEM Grand Rounds

Speakers: Drs. Stephen Freedman and Silviu Grisaru

Title: Improving Outcomes in Children with Shiga Toxin-Producing E. Coli Infection: Implementing A Clinical Care Pathway

Objectives:

- Test all children with bloody diarrhea for STEC.
- All children with high-risk STEC infections require daily laboratory monitoring and prevention of dehydration.
- In November 2024 we will move to approach of admitting all STEC-infected children for hyperhydration

Speaker: Dr. Marinus van der Westhuizen

Title: Connect Care Inter Facility Transfer (IFT) Navigator Review for IT bed patients

[view recording](#)

September 12, 2024 DEM Grand Rounds

Cancelled for Sept 12, 2024

September 05, 2024 DEM Grand Rounds

Speaker: Dr. Tess Loch

Title: Holy Schistocytes! TTP in the ED

Objectives:

- The pentad is OUT! Instead, consider TTP in patients with hemolytic anemia, thrombocytopenia & no identifiable cause
- The PLASMIC score (available on MD Calc) is a locally validated tool to help risk stratify which patients may need empiric plasma exchange (PLEX)
- The goal in suspected cases is to initiate PLEX within 4-8h. Delays occur due to failure to recognize the diagnosis and logistical challenges. Involve hematology early.
- Hematology is developing a pathway in the works to help navigate these challenging cases, stay tuned!

[**view recording**](#)

June 27, 2024 AHC Pediatric Trauma Rounds

Session One: 08:00-09:00

Speaker: Dr. Ibrahim Alhabli

Title: Pediatric Craniocervical Junction Injuries

This event is an accredited group learning activity as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Note: No recording for this round

June 20, 2024 ED Grand Rounds

Cancelled for June 20, 2024

June 13, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Gavin Greenfield

Title: A potpourri...

Description: A smorgasbord of topics including (but not necessarily limited to) NPO guidelines, vertigo (BPPV), opioids, sugammadex and what makes a good preceptor (from a very senior resident's perspective). Presented with my recently completed R4 year as a backdrop.

[view recording](#)

June 06, 2024 ED Grand Rounds

Cancelled for June 06, 2024

May 30, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Jamie McLellan

Title: Clot Wars, A New Hope. Lower extremity DVT, a modern approach.

Description: The scope of lower extremity DVT and the problem of Post-Thrombotic Syndrome (PTS). Timely and effective DVT treatments that can reduce the complications and development of PTS.

Summary / Teaching Points:

- Early detection and early treatment are key to managing lower extremity DVT
- Post-Thrombotic Syndrome (PTS) is a common complication of lower extremity DVT
- There are effective treatment options to prevent PTS in patients with lower extremity DVT
- We can win the war, there is hope.

[view recording](#)

May 23, 2024 PEM City-Wide Rounds

Session One: 0800–0900

Speaker: Dr. Estee Grant and Dr. Mala Arasu

Title: In the Presence of Trauma: How New Insights from Neurobiology Can Transform How We Communicate

Objectives:

- Describe the neurophysiology of states of safety and threat and how these affect our ability to communicate
- Become familiar with the presentation of different autonomic states in the context of high intensity clinical situations
- Plan concrete ways in which we as clinicians can support neuroregulation in our patients and families to support better communication and to optimize care

Note: No recording for this round

May 16, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Jonathan Wong

Moderator: Dr. Adam Oster

Title: Diagnostic Error in the Emergency Department and Cognitive Biases

Description: The Emergency Department is a diagnostic and cognitive minefield with high potential for medical errors. This Quality Assurance and Education Rounds (QAER) will focus on factors associated with diagnostic errors, their frequency, and an overview of associated cognitive biases/strategies to address them.

Note: *No recording for this round*

May 09, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Ian Blanchard AHS EMS and Ryan Lee AHS EMS

Title: Improving Out of Hospital Cardiac Arrest Care: Evidence Driving Practice

Description: In our presentation, we will be discussing the changes AHS EMS has made over the past few years to improve cardiac arrest management by our paramedics through research evidence and our local AB cardiac arrest dataset.

[view recording](#)

April 25, 2024 PEM City Wide Rounds

Session One: 0900–1000

Speaker: Dr. Jennifer Graham Wedel

Title: Anti-racist Emergency Medicine: spotting the gaps and working towards equitable care in our department

Learning Objectives: Increase familiarity with updated concepts of racism and anti-racism including critical race theory and how it applies to Emergency Medicine. Increase awareness of recent local literature as it pertains to racism in health care and determinants of health for racialized people. Present the findings of our local qualitative study exploring staff experiences of racism at Alberta Children’s Hospital.

Note: *No recording for this round*

April 18, 2024 Emergency Medicine Grand Rounds

Session One: 0900–1000

Speaker: Dr. Jason Elzinga

Moderator: Dr. Jacqueline Hiob

Title: Drug-Induced Hyperthermia: ED management of a toxicologic emergency

Description: These rounds will discuss the importance of early recognition in drug-induced hyperthermia, review common drug causes, and outline a practical approach to resuscitation of these patients in the emergency department.

[**view recording**](#)

April 04, 2024 QAER Grand Rounds

Session One: 0900–1000

Speaker: Dr. Dr. Mary Freymond

Moderator: Dr. Adam Oster

Title: Pediatric Airways: The airway consult process at PLC

Description: Quality Assurance and Educational Rounds - We will be reviewing a pediatric case that has led to the evaluation and formalization of a difficult airway consult process designed for PLC.

Note: *No recording for this round*

March 28, 2024 Emergency Medicine Pediatric Trauma Rounds and City-Wide Rounds

Emergency Medicine Pediatric Trauma Rounds

Session One: 0800–0900

Speaker: Dr. Susan Nahirniak

Title: The 7 T's of the Provincial Massive Hemorrhage Protocol (MHP)

PEM City Wide Rounds

Session Two: 0900-1000

Speaker: Dr. Cory Meeuwisse

Title: Youth Opioid Use Disorder and Opioid Agonist Therapy in the ED

Note: *No recording for these two rounds*

March 21, 2024 ED Grand Rounds

Session One: 0900–0945

Speaker: Dr. Tyler Clarke

Title: Code Orange Simplified

Session Two: 0945-1030

Speaker: Dr. Ira Carson

Moderator: Dr. Ian Rigby

Title: Approach to disabilities in the ED: Optimizing care for patients with spinal cord injury and developmental disabilities.

[view recording](#)

March 14, 2024 ED Grand Rounds

Grand Rounds Cancelled

March 07, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Michael Kenney

Title: Improving Care of Patients with Prolonged ED Length of Stay (ED LOS): Impact of Medication Omission.

[view recording](#)

February 29, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Nimira Alimohamed

Moderator: Dr. Vic Goshko

Title: Oncologic Emergencies

[view recording](#)

City Wide Rounds Thursday February 22, 2024 / Pediatric Trauma Rounds on Friday, February 23, 2024

City Wide Rounds Thursday February 22, 2024 (0900—1000)

Speaker: Michael Schlegelmilch

Title: An Evidence Based Approach to Pediatric Procedural Sedation

Pediatric Trauma Rounds on Friday, February 23, 2024 (07:30—08:30)

Speaker: Dr. Ugo Dodd

Title: Humpty Dumpty: Ocular Sequela of Children Falling From Windows

Note: *No recording for these two rounds*

February 15, 2024 ED Grand Rounds

Session One: 0900–0945

Speaker: Dr. Alicia Briggs

Moderator: Dr. Stephanie Garner

Title: Vasculitis in the Emergency Department: Pearls, Pitfalls, and Practicalities.

Session Two: 0945–1030

Speaker: Dr. Rory Killam

Moderator: Dr. Stephanie Vandenberg

Title: Methamphetamine Intoxication and Management of Related Behavioural Emergencies

[view recording](#)

February 08, 2024 QAER Rounds NOT RECORDED

Session One: 0900–1000

Speaker: Dr. Dirk Chisholm

Moderator: Dr. Adam Oste

Title: A Case of Ruptured Ectopic Pregnancy in the ED: Signs of a Strained System

Note: *No recording for this round*

February 01, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Cara McCulloch

Moderator: Dr. Mark Scott

Title: The Latest on Alcohol Use Disorder: A Contemporary Approach To An Old Disease

[view recording](#)

January 25, 2024 Pediatric Trauma Rounds / PEM City Wide Rounds

Session One: 0800-0900

Speaker: Dr. Simon Parson

Title: Frostbite

Session Two: 0900-1000

Speaker: Dr. Kate Maki

Title: Disaster Preparedness: A Review of the ACH ED Code Orange Plan

By zoom only, no in-person.

Note: *No recording for these two rounds*

January 18, 2024 ED Grand Rounds

Session One: 0900–1000

Speaker: Dr. Jessalyn Holodinsky

Title: Artificial Intelligence & the Emergency Department: Considerations for Research and Practice

[view recording here](#)

Session Two: 1000—1100

Speaker: Professor Louis Hugo Francescutti

Title: Bridge Healing Transitional Accommodation Program

[view recording here](#)

January 11, 2024 ED Grand Rounds

Session One: 0900–0945

Speaker: Dr. Christina Dennehy

Moderator: Dr. Chantel Debert

Title: Approach to Concussion in the ED

Session Two: 0945—1030

Speaker: Dr. Liz Cook

Moderator: Dr. Chris Lipp

Title: Drowning: A Process, Not an Endpoint

[view recording](#)