

PEM Refresher Day 2018: Focus on the Adolescent Objectives

Wed. May 9th, 2018

Best Western Plus Lamplighter Inn, London, ON

Plenary Talks (morning):

Acute Abdominal Pain in the Adolescent

1. Review hallmarks of distinguishing a surgical abdomen.
2. Understand the major presenting etiologies in the adolescent with a surgical abdomen (general surgery and gynecology causes)
3. Learn how to not miss significant abdominal trauma in the ED.
4. Review interesting acute abdominal pain cases presenting to the ED.

Aggressive Adolescent in the ED (MD, RN, EMS perspective)

1. Assessment and management of the aggressive adolescent in the pre-hospital setting.
2. In ED diagnostic considerations for aggressive adolescent.
3. Approach and management options for nurses and MDs in the ED.

Marijuana Misuse and the Looming Synthetic Opioid Crisis

1. Epidemiology of Marijuana misuse and synthetic opioid misuse in the adolescent population in Southwestern Ontario and overall in the Ontario.
2. Paramedic perspective on adolescents presenting with marijuana and synthetic opioid overdoses.
3. Identifying Marijuana and synthetic opioid toxicity in the ED
4. Management approach in the ED.

Workshops (afternoon):

Session 1

Conversion Disorder

1. Diagnosis of conversion disorders in the adolescent from an ED perspective
2. Approach and Management of an “acutely unwell” teenager with conversion disorder (ie: presenting with common psychosomatic complaints)
3. Distinguishing pseudo-seizures vs. seizures
4. How to speak with the caregiver about the possible diagnosis of the conversion disorder who is convinced there is another cause

Resurgence of Infections: Chlamydia/Gonorrhea/Lyme disease

1. Epidemiology of recent increase in chlamydia, gonorrhea, and lyme disease
2. Learn how to identify, test for and manage sexually transmitted infections, specifically chlamydia and gonorrhea, in the adolescent population in the ED.
3. Complications of Chlamydia and Gonorrhea which should not be missed in the ED.
4. Understand how to diagnose, investigate and treat Lyme disease

Spontaneous Pneumothorax and Chest Tube Troubleshooting

1. Understand the theory of chest tube insertion to manage pneumothorax.
2. Recognize when to insert chest tubes.
3. Learn how to insert chest tubes.
4. Review the role of each of the care providers (RN, MD, RT) once chest tube has been inserted.
5. Troubleshooting tips and hands-on equipment fair.

Session 2

Medicolegal and Ethical Issues in Acute Care for Adolescents

1. Emergency management of adolescents based on their best interest versus parent/caregiver requests
2. Form 1/42 issues and patient autonomy
3. Legal Issues of confidentiality in the adolescent population in ED
4. Do Not Resuscitate orders in the adolescent palliative care patient - conflict of interest, legal obligations for nurses and physicians

Pitfalls of Triage: Adolescents

1. Provide opportunity for participants to do hands on triage assessment
2. Provide opportunity to understand issues with triaging an Adolescent patient
3. Provide opportunity to understand importance of having differentials for triaging patient
4. Provide opportunity to discuss approach to triaging adolescent patient

Concussion: Latest Management Strategies

1. Quick review of diagnosis of concussion in the adolescent.
2. Current management approach of Concussions relevant to nurses and physicians.
3. Review recent literature for nurses and MDs surrounding ED management of Concussions in the adolescent

Session 3

Syncopal Episodes: Initial Management and Etiologies

1. Review EMS and ED approach to the adolescent with syncope.
2. Learn how to distinguish between vasovagal syncope with other etiologies such as stroke, seizures and arrhythmias.
3. Quick ECG review of arrhythmias that present with syncope.
4. Understand management strategies from nursing and MD perspective.

Landmark Adolescent Acute Care Medicine Papers

1. 10 recent papers that have changed ED practice in the adolescent population.
2. Focus on the studies that have changed practice for nurses, physicians and paramedics.

Adolescent Dislocation – EMS/ED Approach

1. Learn how to diagnose common dislocations in the adolescent population.
2. Review X-ray findings for adolescent dislocations.
3. Understand the management strategies in adolescent dislocations.