Pediatric Orthopedic and Respiratory Emergencies

Objectives

- Identify the assessment approaches most useful for detecting neurologic and/or vascular compromise accompanying pediatric orthopedic injuries
- Describe the recommended assessment approach for identifying potential compartment syndrome as a complication of orthopedic trauma in children in contrast to the approach used in adults
- Discuss the assessment and early management of open fractures and identify the characteristics of fractures that require urgent attention
- Summarize the epidemiology, clinical presentation and current recommendations for management of common infectious and non-infectious conditions considered to be pediatric respiratory emergencies

Content Outline

1. Evaluation & Early Management of Pediatric Orthopedic Emergencies
   1.1 Neurologic compromise
   1.2 Vascular compromise
      1.2.1 Compartment syndrome
   1.3 Open fractures
   1.4 Fractures requiring urgent intervention

2. Epidemiology, Presentation and Management of Pediatric Respiratory Emergencies
   2.1 Non-infectious conditions
      2.1.1 Foreign body aspiration
      2.1.2 Asthma
   2.2 Infectious conditions
      2.2.1 Epiglottitis
      2.2.2 Bronchiolitis
      2.2.3 Community-acquired pneumonia
      2.2.4 Pertussis

Reading Material Resources

WB1805 Pediatric Orthopedic and Respiratory Emergencies is based on the resources listed below. A copy of the resources are included with the module.
