Objectives

- Recognize the significant impact of anatomic and physiologic differences between adults and children in the setting of traumatic injuries
- Outline the critical components of primary and secondary surveys used for assessing pediatric patients with traumatic and/or burn injuries
- Describe the initial stabilization and management of traumatic injuries based on specific areas of the body as well as commonly encountered burn injuries in children
- Summarize the requirements related to training, personnel, equipment, supplies and interventions needed to successfully stabilize and transport a child with traumatic injuries or burns

Content Outline

1. Pediatric Trauma Pearls
   1.1 Overview of key issues requiring focus in pediatric trauma
   1.2 Pediatric primary survey using ABCDE assessments
      1.2.1 Airway & breathing management in trauma cases
      1.2.2 Circulatory assessment and management of hemorrhage
      1.2.3 Assessment of disability and neurologic responses
      1.2.4 Exposure of patient for assessment with thermal protection
   1.3 Research with potential impact on primary survey in pediatric patients
   1.4 Diagnostic imaging prior to transport
   1.5 Assess and manage specific traumatic injuries in children
      1.5.1 Head
      1.5.2 Cervical spine
      1.5.3 Thoracic trauma
      1.5.4 Abdominal trauma
      1.5.5 Pelvic fractures
   1.6 Preparation and management of transport
      1.6.1 Pediatric equipment, supplies and intervention checklist
   1.7 Use of simulation-based education for pediatric trauma training

2. Emergent Management of Pediatric Burns
   2.1 Overview of pediatric burn statistics and burn characteristics
      2.1.1 Types of burns
   2.2 Initial management of burns in children
      2.2.1 Pain medications & dosing for pediatric burn care
   2.3 Burn resuscitation
      2.3.1 Airway management
      2.3.2 Calculating Total Body Surface Area (TBSA) & fluid needs
   2.4 Approach to non-accidental burns
   2.5 Secondary survey & disposition decisions

Reading Material Resources - Next Page
Reading Material Resources

Module WB1936: Trauma from a Pediatric Perspective is based on the following resources. A copy of each resource is included with the module.

The Kids are Alright-Pediatric Trauma Pearls. Mikrogianakis A and Grant V. Emergency Medical Clinics of North America, (2018), 36, 237-257