



Course Description:

eLearning Module

Advanced Life Support (ALS): Trauma Module

The Trauma Module describes the systematic evaluation of a trauma patient including performing initial lifesaving manoeuvres. This course includes assessment, approaches, and treatment of systematic evaluation of a trauma patient, key concerns during an assessment, adjuncts to the primary trauma survey, airway obstruction manoeuvres and securing the airway, identifying shock and providing treatment, hemodynamic instability, and haemorrhage control, trauma resuscitation, permissive hypotension, massive transfusions, traumatic brain injury, burn injuries, and musculoskeletal injuries.

Course Learning Objectives:

After successfully completing this course, students should be able to:

- Describe the systematic evaluation of a trauma patient including performing initial life-saving manoeuvres.
- Explain how to ensure that a trauma patient has a secure and functional airway.
- Describe the pathophysiology of shock in trauma.
- Identify sources of hemodynamic instability and perform life-saving manoeuvres for initial haemorrhage control.
- Describe the management of trauma patients with traumatic central nervous system injury, burn injuries, and fractures.
- Explain the indications and contraindications of resuscitative thoracotomy in case of traumatic cardiac arrest.

Course Specifications:

- Features engaging, True Adaptive learning
- Responsive design ensures compatibility on mobile devices and tablets
- Students can select their level of competence as they begin the course and can change their selection at any time during the course
- All curriculum is web-accessible through inclusive design
- Ease of use for more students – works on all common browsers

Course Intended Audience:

- The intended audiences for this course are ED Physicians (not recently taken ATLS), ED Nurses, Paramedics, and NP/APN's

