

Trauma Education for Hospital Nurses

OBJECTIVES

Module 1 – Trauma systems

- Define trauma
- Explain the benefits of a trauma system
- Differentiate between the four levels of trauma hospitals
- List criteria for activating the trauma team
- List criteria for transferring patients to a higher-level trauma hospital
- Demonstrate documentation best practices for transferring trauma patients

Module 2 – Mechanism of injury

- Explain why knowing the mechanism of injury is important
- Explain how speed changes the type and extent of injuries
- Differentiate between blunt and penetrating injury patterns
- Associate injury mechanisms with specific injuries

Module 3 - Patient Assessment

- Describe the steps of an initial trauma assessment
- Recognize immediate threats to life and describe the interventions indicated
- Describe the head-to-toe assessment and its purpose

Module 4 - Shock

- Define shock
- List signs and symptoms of shock and correlate them with the body's physiological responses
- Explain how shock leads to death
- Describe several ways to measure for shock
- Describe the treatment of shock

Module 5 - Head injuries

- List and describe the commonly occurring head and neck injuries
- List the signs and symptoms of brain injury
- List the interventions used to manage head and neck injuries
- Identify eye injuries that require emergency intervention
- List the interventions used to manage eye emergencies

Module 6 - Thoracic injuries

- Describe the anatomy and physiology of the thorax and anterior neck
- Describe the mechanisms of injury that lead to various types of thoracic injuries
- List common thoracic injuries
- Describe the signs and symptoms of common thoracic injuries
- List the treatment priorities for thoracic injuries

Module 7 - Abdominal trauma

- Describe the anatomy and physiology of the abdomen and pelvis
- Describe the mechanisms of injury that lead to various types of abdominopelvic injuries
- List common abdominopelvic injuries
- Describe the signs and symptoms of common abdominal and pelvic injuries
- List the treatment priorities for abdominal and pelvic injuries

Module 8 - Spinal injuries

- Describe the anatomy of the spine
- Describe the mechanisms that lead to various types of spinal injuries
- List common spinal injuries
- Describe the signs and symptoms of common spinal injuries
- Describe the treatment priorities for spinal injuries

Module 9 - Musculoskeletal injuries

- Describe the anatomy and physiology of the musculoskeletal system
- Describe the mechanisms of injury that lead to various types of musculoskeletal injuries
- List common musculoskeletal injuries
- Describe the signs and symptoms of common musculoskeletal injuries
- List the treatment priorities for musculoskeletal injuries

Module 10- Skin trauma

- Describe the anatomy and physiology of the integumentary system
- Describe the mechanisms of injury that lead to various types of skin injuries
- List common skin injuries
- Describe the signs and symptoms of common skin injuries
- List the treatment priorities for skin injuries

Module 11- Pain management

- List patients' psychological and physiological response to pain
- Describe methods of assessing pain
- List signs and symptoms of pain
- List pharmaceutical and non-pharmaceutical approaches to treating pain
- Describe the risks associated with the administration of pain medications
- Describe the concept of multi-modal pain management

Module 12- Special populations

- Describe the anatomic and physiologic differences that exist in pediatric, geriatric, and pregnant trauma patients
- List injuries that are unique to the pediatric, geriatric, and pregnant patient population
- Describe the signs and symptoms of common unique injuries in the pediatric, geriatric, and pregnant patient population
- List the treatment priorities in pediatric, geriatric, and pregnant trauma patients

TRAUMA EDUCATION FOR HOSPITAL NURSES - OBJECTIVES

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