

Trauma Challenges: Care of the Critically Injured Patient



Course Description

This program is designed for the nurse caring for critically ill, multisystem trauma patients. The program will provide information regarding mechanisms of injury in all body systems, and then apply that knowledge to clinical assessment and management issues. Common complications of multisystem trauma, hemorrhagic shock, ARDS, coagulopathies and sepsis will be discussed. This seminar also serves as a review of nursing interventions, current guidelines and recommendations in each major organ system involved in trauma.

Program Learning Outcomes

This program prepares the learner to:

- Discuss the mechanism of injury in the following areas: chest, abdomen, brain and spinal cord injuries.
- Describe the physiology of shock, and discuss the management of hemorrhagic shock in a multisystem trauma patient.
- Discuss the complications of multisystem trauma patients, including sepsis, ARDS and shock.
- Describe the care of special trauma patients, including burns and pregnant trauma patients.
- Discuss the psychological component for both the patient and family in regards to a traumatic injury, and identify nursing interventions to assist in the psychological healing process.

Agenda

Sign-in begins at 7:30 am. Each day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

Day 1, 8:00 am to 4:30 pm

Fall Down, Go Boom: Mechanisms of Trauma

Kinetics | Patterns of Injury in the Motor Vehicle Collision | Vehicular Safety Devices | Patterns of Injury Associated with Falls | Ballistics | Patterns Associated with Stabbing and Gunshot Injuries

A Shocking Topic

Recognition and Treatment of Hypovolemic Shock | End Points to Resuscitation | Current Research Regarding Aggressive Fluid Resuscitation

Abdominal Trauma

FAST Assessment of Abdomen | Postoperative Complications | Management Issues

Lunch 12:00 pm to 1:00 pm

The Kill Zone: Chest Trauma

Blunt vs. Penetrating Injuries | FAST Assessment of Chest | Management Issues | Postoperative Complications

Beyond the Golden Hour: Complications of Trauma

Sepsis | Systemic Inflammatory Response Syndrome | Multi-Organ Dysfunction Syndrome | ARDS

Agenda

Day 2, 8:00 am to 4:30 pm

Humpty Dumpty had a Great Fall: Traumatic Brain Injury

Neurological Assessment | Increased Intracranial Pressure | Common Traumatic Brain Injuries

You're Getting on my Nerves: Spinal Cord Trauma

Complete Spinal Cord Syndromes | Partial Spinal Cord Syndromes | Care of the Patient with Spinal Cord Injury

Problems at the Top: Facial and Ocular Injuries

Facial Fractures | Common Ocular Injuries Associated with Trauma

Lunch 12:00 pm to 1:00 pm

Those Burning Questions Regarding Care of the Burn Patient

Thermal, Electrical and Radiation Burns | Carbon Monoxide Poisoning | Special Burn Situations

Care of the Traumatically Injured Pregnant Patient in the ICU

Pathophysiological Changes Associated with Pregnancy | Injury Patterns and Care of the Pregnant Trauma Patient

Compartment Syndromes: Head, Abdomen, Extremity

Compartment Syndrome Physiology | Recognition and Management

Going Beyond the Physical Component: Care of the Family in Crisis

Ethical Decision-Making | Providing Psych-Social Care for the Family | Family Presence in Resuscitation

Accreditation

RN/LPN/LVN/Other: 14 Contact Hours

MED-ED, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation (**ANCC**).

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If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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