

# The Trauma Patient: ED to ICU



## Course Description

This program is designed for nurses and other healthcare providers caring for the critically ill, multisystem trauma patient and will provide knowledge regarding mechanisms of injury and apply that knowledge to clinical assessment and management issues. It begins with emergency room admission and will address issues throughout the patient's acute hospitalization. The focus is on major systems involved in trauma and includes specialized areas such as pediatric, elderly and burn traumas.

## Program Learning Outcomes

*This program prepares the learner to:*

- Discuss the mechanism of injury in the following areas: chest, abdomen, brain and spinal cord.
- Describe the physiology of shock and discuss the management of hemorrhagic shock in a multisystem trauma patient.
- Describe the care of special trauma patients including burn, pregnant, elderly and pediatric 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

- 0800 **Mechanisms of Trauma**  
Kinetics | Patterns of Injury in the Motor Vehicle Collision | Vehicular Safety Devices | Injury Associated with Falls | Ballistics | Injury Associated with Stabbing and Gunshot
- 0915 **Break**
- 0930 **A Shocking Topic**  
Recognition and Treatment of Hypovolemic Shock | End Points to Resuscitation | Current Research Regarding Aggressive Fluid Resuscitation
- 1045 **The Kill Zone: Chest Trauma**  
Blunt vs. Penetrating Injuries | FAST Assessment of Chest Trauma | Management Issues | Postoperative Complications
- 1200 **Lunch**
- 1300 **Abdominal Trauma**  
FAST Assessment of Abdominal Trauma | Postoperative Complications | Management Issues
- 1415 **Break**
- 1430 **Extremity Trauma**  
Fracture Management | Fat Embolism | Compartment Syndrome | Amputation
- 1545 **Care of the Family in Crisis**  
Ethical Decision-Making | Providing Psycho-Social Care for the Family | Family Presence in Resuscitation
- 1630 **Adjourn**

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

- 0800 **Traumatic Brain Injury**  
Neurological Assessment | Increased Intracranial Pressure | Common Traumatic Brain Injuries
- 0930 **Break**
- 0945 **You're Getting on My Nerves: Spinal Cord Trauma**  
Complete Spinal Cord Syndromes | Partial Spinal Cord Syndromes | Treatment Strategies
- 1115 **Problems at the Top: Facial and Ocular Injuries**  
Facial Fractures | Common Ocular Injuries
- 1200 **Lunch**
- 1300 **Burning Questions Regarding Care of the Burn Patient**  
Thermal Burns | Carbon Monoxide Poisoning | Electrical Burns | Radiation Burns | Special Burn Situations
- 1400 **Break**
- 1415 **The Traumatically Injured Pregnant Patient in the ICU**  
Pathophysiological Changes | Injury Patterns | Management
- 1500 **Pediatric and Elderly Trauma Patients**  
Recognizing Abuse Situations | Differences in Managing Trauma | Complications Specific to Each
- 1630 **Adjourn**

## Accreditation

**RN/LPN/LVN/Other: 14 Contact Hours**

**RT: 14 Category 1 CRCE Hours**

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

MED-ED is approved by the American Association for Respiratory Care (**AARC**).

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 50-1286, **Iowa**/296, **California** #CEP10453.

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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