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).

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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