

# Trauma: Resuscitation to Post-Surgical Care



## Course Description

This course is designed for healthcare providers working with trauma and post-surgical patients. The course includes care of the trauma patient from resuscitation to post-trauma and surgical care. It includes best practice issues, pain management and complications of sepsis and ARDS. Care of the family in crisis during the patient's hospitalization will also be discussed.

## Program Learning Outcomes

*This program prepares the learner to:*

- Discuss resuscitation with a focus on abdominal and extremity trauma and surgical patients.
- Describe the best practice issues to prevent complications of post-trauma and surgical patients including: GIB and VTE prophylaxis, glucose control, sepsis and ARDS.

## 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 4:00 pm

- 0800 **Resuscitation Issues of Hypovolemic and Hemorrhagic Shock Patients**  
Classification Hemorrhagic Shock | End-Points Resuscitation | Crystalloids vs. Colloids | Hypotensive or Delayed Resuscitation | 1:1 Replacement
- 0930 **Break**
- 0945 **Complications of Abdominal Trauma or Surgical Patients**  
Wound Dehiscence | Abdominal Compartment Syndrome | Intra- and Extra-Peritoneal Injuries | Volume Issues
- 1100 **Best Practice: GIB Prophylaxis**  
Risk of Stress-Related Mucosal Disease (SRMD) | Incidence of SRMD | Prophylaxis Management | Complications of Prophylaxis
- 1200 **Lunch**
- 1300 **Sepsis: Complications of Trauma and Post-Operative Patients**  
Causative Microorganisms and Clinical Insults | Sepsis Definitions and Criteria | Proinflammatory and Anti-Inflammatory Cytokines | Sepsis Bundles for Intervention
- 1430 **Break**
- 1445 **Pain Management in Post-Operative and Trauma Patients**  
Opioids and Nonopioids | Pain Assessment | Complications of Analgesics | Special Issues in Pain Management
- 1600 **Adjourn**

# Agenda

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

- 0800 **Best Practice Issues: Glucose Control and VTE Prophylaxis**  
Effects of Hyperglycemia | Current Guidelines for Glycemic Control | VTE Risk Stratification | VTE Prophylaxis Guidelines | Complications of Anticoagulation Therapy
- 0930 **Break**
- 0945 **Care of Extremities Following Surgery or Trauma**  
Assessment of Extremities | Signs of Compartment Syndrome | Fat Embolism | Care of Amputations
- 1100 **Care of the Family in Crisis**  
Patient's Crisis Following Trauma | Family's Crisis Following Trauma | Nursing Interventions During Family Crisis | Common Issues
- 1200 **Lunch**
- 1300 **ARDS: Another Complication**  
Berlin Definition | ARDS Severity Classification | Pathophysiology ARDS | Lung Protective Strategies | Newer Modes of Therapy for ARDS
- 1415 **Break**
- 1430 **Case Studies: Trauma and Post-Surgical**  
Common Postoperative Complications | Postoperative Assessment | Postoperative Emergencies
- 1600 **Adjourn**

## Accreditation

**RN/LPN/LVN/Other: 13 Contact Hours**

**RT: 13 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, Inc. is also 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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