

# *SPRING FEVER! TRAUMA CONFERENCE*

## *12<sup>TH</sup> ANNUAL CONCEPTS OF TRAUMA CARE*

Continuing trauma education is vital to improving patient outcome and provides an excellent opportunity to review and refine protocols to ensure the best care for the injured patient. This conference will address many topics that face medical personnel in the rural setting.

### **PROGRAM OBJECTIVES:**

At the conclusion of this conference, you will be able to:

- Identify new hemostatic techniques for use in the field and in the hospital
- List the components of an effective neurological exam of a trauma patient
- Understand recent recommendations for changes in management of patients with traumatic brain injury
- Demonstrate the use of new airway management adjuncts
- Understand organizational strategies for managing mass casualty incidents

### **-TARGET AUDIENCE-**

The topics presented at this conference target pre-hospital personnel and clinical staff involved with emergency resuscitation and critical care management. To meet the needs of all participants, breakout sessions are offered for specific groups (pre-hospital and hospital). Everyone is welcome to attend any lecture; however, some material may not be pertinent to the individual's specialty.

### **Spring Fever! Topic Summaries 2008**

**General Session - Field Triage Criteria:** Dr. Jerry Jurkovich, the Director of Trauma at Harborview Medical Center in Seattle will discuss field trauma triage criteria and how trauma systems impact patient outcomes.

**Hospital Session – Neuro Assessment:** Filissa Caserta, a Critical Care Nurse Practitioner from Johns Hopkins Hospital in Baltimore will discuss and demonstrate trauma neurologic assessment.

**Hospital Session – Traumatic Brain Injury:** Filissa Caserta will discuss the new TBI guidelines and management strategies for control of intracranial pressure in the head-injured patient.

**EMS Session – Panel Discussion:** State and regional leaders will discuss current system and clinical issues in EMS.

**EMS Session – Airway/Chest Lab:** This will be a hands-on session during which EMTs will practice airway and chest trauma management techniques. There will be separate tracks for basic and advanced EMTs.

**EMS Session – Mass Casualty Incidents:** This session will focus on the Incident Command System, scene safety, triage and communications during mass casualty incidents.

**General Session – New Hemostatic Techniques:** Dr. Jurkovich will discuss the use of bandages with coagulation-inducing adjuncts and agents that can be administered via IV. Much of the new research has come from military experience.

**Hospital Session - Complications of Chest Trauma:** St. Patrick Hospital Trauma Medical Director, Dr. Pickhardt will discuss complications of chest trauma: which patients are at risk, how complications can be avoided and how to treat them once they have developed.

**EMS Session – Avalanche Awareness:** Dave McEvoy, Director of Aerie Backcountry Medicine will discuss strategies for avoiding becoming a victim of an avalanche and for safe EMS response to an avalanche scene.

**General Session - Case Studies:** Real case studies from the past year in western Montana will be discussed in an interactive format. EMS and hospital issues will be discussed. Drs. Pickhardt and Jurkovich will lead the discussion.

## *2008 Trauma Solutions: A Conference for Mid-level Practitioners*

More and more Mid-level Practitioners find themselves caring for acutely injured patients, oftentimes in rural/frontier settings with very few resources. This conference is geared specifically to the trauma issues faced by Mid-level Practitioners.

### **PROGRAM OBJECTIVES:**

At the conclusion of this conference, you will be able to:

- Identify actual injuries related to their mechanism
- List the components of an effective neurological exam of a trauma patient
- Demonstrate the use of new airway adjuncts
- Understand the different suture techniques used for wound closure
- Discuss correlation between in-hospital observation and missed injuries in trauma patients

### **-TARGET AUDIENCE –**

**The topics covered at this conference are geared toward Mid-level Practitioners (NPs, PAs, CRNAs, CNMs, APRNs, CNSs, etc.) providing trauma care primarily in rural /frontier environments.**

### **Trauma Solutions: A Conference for Mid-level Practitioners Topic Summaries 2008**

**Chest Trauma:** Dr. Michael Kremkau, ER physician at St. Patrick Hospital will discuss chest trauma: mechanisms of injury, emergent care and treatment, and indications for needle thoracostomy and chest tube placement.

**Pathology of Trauma:** Dr. Willy Kemp, Deputy State Medical Examiner will present actual cases of trauma deaths and discuss his findings during autopsy.

**The Difficult Airway in Trauma:** Dr. Kevin Eichhorn, ER physician at St. Patrick Hospital will discuss the recognition and treatment of the difficult airway in the trauma patient.

**Neurosurgical Considerations in Trauma:** Dr. Kenneth Brewington II, neurosurgeon at St. Patrick Hospital will discuss emergent treatment of head and spinal cord injured patients.

**Trauma Neuro Assessment:** Filissa Caserta, a Critical Care Nurse Practitioner from Johns Hopkins Hospital in Baltimore will discuss and demonstrate the trauma neurologic assessment.

**Is Overnight Observation Obsolete?** Dr. Jerry Jurkovich, Director of Trauma at Harborview Medical Center in Seattle will explore the role of <24 hours of in-hospital observation following traumatic injury. The presentation will discuss the likelihood of identifying missed injuries from the initial exam, and the consequences and severity of these injuries.

**Trauma Case Studies** St. Patrick Hospital's Trauma Med Director, Dr. Brad Pickhardt along with John Bleicher, RN, Trauma Coordinator, Filissa Caserta, CCNP, and Dr. Jerry Jurkovich will discuss real western MT case studies from the past year in an interactive format. EMS, transport & hosp. issues will be discussed.

**Wound Closure Lab:** Back by popular demand, Ethicon will present basic and advanced wound closure techniques. Participants will have the opportunity to try different suture material and learn from the experts. Dr. Lori Grimsley, Trauma and General Surgeon with Missoula Surgical Associates will assist and answer questions.

**Advanced Airway Techniques Lab:** Dr. Kevin Eichhorn and several Life Flight crew members will demonstrate airway techniques and adjuncts for the difficult airway, including endotracheal intubation, Combitube and King Airway use.

**CT and X-ray Interpretation Lab:** Dr. Louis Kattine, Trauma and General Surgeon with Missoula Surgical Associates will lead an interactive discussion on identifying traumatic injuries on CT and X-ray.