TRAUMA LECTURE SERIES

Starting January 18, 2012, a year long lecture series on current topics in Trauma / Acute Care Surgery will begin. The target audience is all those involved in the Acute Care of Trauma and Surgical Patients. This includes Prehospital, ED, ICU and Ward care.

1. Lectures and a lunch will be monthly (3rd Wed each month at 1130). They can be attended on site at The Learning Center (Basement of Old Hospital), or via Telehealth with prior notification.

2. Case discussions can be submitted by anyone from the target audience and will be incorporated into the monthly lectures. There will be three $500 awards given at the end of the year for the best cases. Forms to submit cases are available at the link below. Cases should be submitted 2 weeks in advance.

More information is available at www.mc.uky.edu/traumaservices or email barilee.mattingly@uky.edu, phone: (859) 323-1116.
2012
Trauma/Acute Care Surgery Lecture Schedule

January 18
Traumatic Brain Injury
Objectives: 1. Review techniques to decrease secondary brain injury.
               2. Review the role of Intracranial Monitors.
               3. Review Techniques to decrease Intracranial Pressure.
               4. Discuss Role of Cranial Decompression.
               5. Discuss Case Presentation.

February 15
Neck Trauma Part I (Spinal Cord)
Objectives: 1. Review respiratory complications secondary to Diaphragm Dysfunction.
               2. Review C-Spine immobilization / helmet removal /"Clearing the C-Spine"
               3. Review role of Steroids and Induced Hypothermia in spinal cord injuries.
               4. Discuss Case Presentation.

March 21
Neck Trauma Part II (Airway, Vascular, Esophagus)
Objectives: 1. Review Approach to Airway Compromise from Direct Tracheal Injury.
               2. Review Dx / Management of Cerebrovascular Injury.
               4. Discuss Case Presentation.

April 18
Chest Trauma Part I
Objectives: 1. Review Dx / Management of pneumothorax.
               2. Review Dx / Management of major thoracic vascular injuries
               3. Review the concept of permissive hypotension.
               4. Review role of ED thoracotomy.
               5. Discuss Case Presentation

OPTIONAL Skill practice in SIM Lab 8:30-11:30 am
May 16

**Chest Trauma Part II**
Objectives: 1. Review Dx / Management of Thoracic Tracheal and Bronchial Injuries
2. Review concept and technique for Single Lung Ventilation
3. Review Basic physiology and management of ARDS
4. Review Management of Chest Wall Injuries
5. Review Dx / Management of Thoracic Esophageal Injuries
6. Discuss Case Presentation

June 20

**Abdominal Trauma Part I (Vascular & Solid Organs)**
Objectives: 1. Approach to the trauma patient with a positive FAST exam
2. Dx / Management of Splenic, Pancreas, Hepatic, & GU Injuries.
3. Dx / Management of Intraabdominal Vascular Injuries
4. Discuss Case Presentation

July 18

**Abdominal Trauma Part II (GI & Biliary Tracts)**
Objectives: 1. Field management of overt evisceration.
2. Dx / Management of Gastric / Small Bowel Injuries.
3. Dx / Management of Colorectal Injuries.
4. Dx / Management of Biliary Tract Injuries
5. Role of “Damage Control” and Management of Open Abdomen
6. Discuss Case Presentation

August 15

**Extremity / Pelvic Orthopedic Injuries**
Objectives: 1. Review General Field Management of the above injuries.
2. Review Basic Splinting Techniques.
3. Discuss the role of tourniquets with associated vascular injuries.
4. Discuss Case Presentation

September 19

**Heat / Cold / Chemical / Electrical Injuries**
Objectives: 1. Review General Field Management of the above injuries.
2. Review initial wound care for burn patients
3. Review physiologic changes and fluid requirements for burn patients.
4. Review warming techniques for hypothermic patients.
5. Review protection for first responders when managing the above injuries.
6. Discuss Case Presentation
October 17

**Trauma at the Extremes of Age (Pediatric / Geriatric)**

Objectives: 1. Review General Field Management of injuries in the above population.
2. Review anatomic and physiologic differences these patient populations.
3. Review impact of chronic disease on the trauma patient.
4. Review common meds in the elderly and their impact on trauma.
5. Discuss Case Presentation

**OPTIONAL Skill Practice in SIM Lab 8:30-11:30 am**

November 21

**Sepsis & Shock**

Objectives: 1. Basic physiology of Septic Shock
2. Management of Intraabdominal Sepsis
3. Management of Severe Soft Tissue Infections
4. Discuss Case Presentation

December 19

**Mass Casualty Review**

Objectives: 1. Review Hospital, Local, & Regional response to a Mass Casualty Incident.
2. Announcement of Case Study Presentation Winners

All lectures are the 3rd WED of each month may be attended locally at Learning Center (Basement of old hospital), or by TeleHealth with prior notification.

For additional information or TeleHealth requests, contact:
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Meeting locations, speakers, and other updates to this information will be made periodically on the UK Trauma Services Website:

www.mc.uky.edu/traumaservices