OBJECTIVES

At the end of lecture, the student will:

1. Be prepared to utilize the prehospital trauma assessment and treatment goals.

2. Know the basic principles of assessment in the emergency department. Compare a primary survey with a secondary survey. Provide the nursing management indicated when conducting the primary survey.

3. Compare and contrast the symptoms and effects of penetrating trauma vs. blunt trauma in all body systems.

4. Know the nursing management for a patient in shock, to include assessment and treatment in the emergency department. Know the causes of and management of the causes for shock.

5. Be able to compare and contrast the signs, symptoms, treatment, and nursing management for patients with epidural, subdural, or intracerebral hematomas.

6. Be prepared to assess and manage the care of a patient with basilar skull fracture.

7. Know how to assess the patient with the Glasgow Coma Scale and know what level of nursing care is required for the different stages of this neuro assessment scale.

8. Assess, recognize the signs and symptoms, and manage the nursing care for patients with a pneumothorax, tension pneumothorax, sucking chest wounds, flail chest, or hemothorax. Compare and contrast the symptoms of pneumothorax with those of hemothorax.

9. Recognize, know the risk factors, know the signs and symptoms and manage the nursing care of the patient with a myocardial contusion, to include knowing the action of and the side effects of (especially the most serious side effects) of amiodarone.

10. Be prepared to treat the patient with a possible neck or spinal injury. Know the safety requirements for both neck and spinal injuries.

11. Be prepared to assess the patient with intra-abdominal injuries, the patient with trauma to the pelvic area, and the patient with trauma to the genitourinary system (both the kidneys and the bladder). Prepare a plan of care for the patient with renal or bladder trauma. (Genitourinary is covered in the Renal Lecture.)