

**ELECTIVE NAME:**

Trauma Surgery

**COURSE NO:**

SUR 619

**PREREQUISITE:**

Req'd Senior Surgery & Medicine Clerkships & Senior Status

**INSTITUTION:**

Spectrum Health Butterworth

**DESCRIPTION:**

The Trauma Surgery Clerkship is an advanced surgical clerkship designed to expose the senior medical student to the comprehensive care of the multiple trauma patient. The student will participate in all facets of patient care from initial assessment and resuscitation through surgery, SICU, and general floor care to discharge. The Trauma Service cares for all adult and pediatric trauma patients at Spectrum Downtown, a Level I trauma center in Grand Rapids.

Inpatient: 90-95%; Outpatient: 5-10% .

**OBJECTIVES:**

At the completion of this clerkship, the student should be able to:

1. Distinguish between major and minor trauma based on history, physical exam, understanding of mechanism of injury, as well as diagnostic procedures.
2. Describe and understand the components of the initial assessment and management of the multiple trauma patient, including:
  - The ABC's
  - Fluid resuscitation
  - Rational use of diagnostics (x-ray, CT, peritoneal lavage)
  - Recognizing the situation that requires immediate surgical intervention
  - Care of the acutely head injured patient
  - Cervical spine precautions
  - Pre-hospital care
  - Assist in the surgical procedures.
  - Understand post-operative and critical care of the trauma patient.
  - Provide daily routine care during the recovery phase.
  - Understand the nutritional metabolic needs of the multiple trauma patient.
  - Understand the emotional, spiritual, and psychological needs of the patient and family.

**REQUIREMENTS:**

- The rotation is one month in duration, and can be scheduled only with approval of the clerkship coordinator.
- The student will be present from 7:00am to 6:00pm, Monday through Saturday.
- The student will take call two nights per week (in house) and may leave the following day at noon if all work is complete.

**REQUIREMENTS CONT.:**

- The student will attend all lectures, conferences, and grand rounds assoc. with the trauma service while on service.
- The student will be ready to participate in all trauma resuscitations while in the hospital and will work under the direction of the resident on service including completion of admitting history and physical.
- The student will follow up to four patients on the service and write daily notes and orders in consultation with the resident, trauma Fellow or trauma surgery staff.
- The student will participate in morning report on the morning following call nights.
- There will be a weekly medical student conference on Fridays from 2:00-3:00pm

**EVALUATION:**

Preceptor(s) will be asked to submit a written evaluation at the conclusion of the clerkship based upon clinical performance, completion of assigned/recommended reading assignments, and active involvement on the clerkship. Faculty are encouraged to provide ongoing feedback throughout elective rotations.