

# **DEPARTMENT OF SURGERY**

## **TRAUMA SURGERY ELECTIVE**

**Course Director: Edwin Gonzalez, MD**

**Duration: 4 weeks**

## **GOALS**

The student will develop an understanding of the initial management of trauma and learn to identify and treat the four classes of hemorrhagic shock.

## **EDUCATIONAL OBJECTIVES**

By the completion of this rotation, the medical student will:

- Develop a basic understanding of the pathophysiology of acute traumatic injuries and their clinical presentation
- Gain experience in the initial evaluation and treatment of blunt and penetrating injuries
- Participate in emergency surgery for trauma
- Help manage critically ill trauma patients in the surgical intensive care unit.
- Perform simple surgical procedures such as venous access, nasogastric tubes, bladder catheterization, suturing, and wound care

## **CLINICAL EXPERIENCE**

The student will function as a trauma surgery intern on the trauma team. The day starts with morning rounds lead by the senior resident. At the end of rounds, the senior resident will assign students to floor work, clinic, or the operating room or a combination of the former depending on the days' requirements and the students' expressed desire. The primary responsibility of the trauma team and the student, however, is to report to the trauma room as new trauma patients arrive. The day ends with afternoon rounds. Call is not required, but students are encouraged to occasionally stay "after-hours" to add to their clinical exposure.

## **HOW TO APPLY**

If you are interested in applying, please call 516-572-5399 or visit us at [www.numc.edu](http://www.numc.edu).