

## **Defining Volumetric Cut-Off For Draining Hemothoraces: A Multi-Institutional Trial**

Enrolling Center: Medical College of Wisconsin, Milwaukee, WI

Principal Investigator: Marc A. de Moya, MD FACS

Enrolling Co-Investigators: Marc A. de Moya, MD FACS (PI); Abdul Hafiz Al Tannir, MD; Elise A. Biesboer, MD

Enrolling Center Coordinator: Abdul Hafiz Al Tannir, MD

### **Demographics:**

Medical Record Number, Name, Age, Sex, Race, Ethnicity, BMI

### **Injury Data:**

Date of injury, presentation within 24 hours of injury, mechanism of injury, ISS, Chest AIS, number of rib fracture, diaphragm injury, type of injury, Vital capacity measurements

### **Tube thoracostomy data:**

Date of TT placement, indication of TT placement, reason for TT placement, side of TT placement, TT irrigation, initial volume evacuated prior to irrigation, initial volume evacuated after irrigation, total volume irrigated, size of TT, antibiotics given after/before of TT placement, daily TT output, daily TT management (waterseal, suction)

### **Radiology results:**

CT/CXR results prior to TT placement (including PTX size, HTX depth, HTX length, HTX volume), CT/CXR results after TT placement, CT/CXR results at day N

### **Outcomes:**

Date of TT removal, date of observation failure, duration of TT, need for secondary intervention (another TT, VATS, Thoracotomy, TPA), date of secondary intervention, pulmonary complications (including retained/worsening HTX, worsening PTX, pneumonia, empyema, ARDS, PE, iatrogenic PTX), length of hospital stay, length of ICU stay, mechanical ventilation duration, TT duration

### **Discharge:**

Discharge status, discharge disposition

### **Follow-up**

Clinic follow-up, ED visit, 30-day readmission, reason for readmission, interventions during readmission, discharge status, discharge disposition