

July through October 2018 focus on trauma skills. (2.5 hours each week)

Team approach: PGY 4, 2, 1, 1

Perfused cadaver simulation training

1. Penetrating neck injury (week 1)
 - a. Airway: ETT, cricothyroidotomy
 - b. SCM incision: vascular exposure control of carotid injury
 - c. Exposure and repair of trachea-esophageal injury
2. Penetrating lower extremity injury (week 1)
 - a. Tourniquet placement
 - b. SFA exposure, shunt placement
 - c. 4 compartment fasciotomy
3. Penetrating chest injury (week 2)
 - a. Left anterolateral thoracotomy, control of cardiac wound
 - b. Right chest tube
 - c. Clamshell thoracotomy
 - d. Pulmonary tractotomy, lung resection, pneumonectomy
4. Blunt abdominal trauma (week 2)
 - a. IO line placement, CVC placement
 - b. Exploratory laparotomy for trauma
 - c. Management of solid organ injury (liver, spleen, kidney)
 - d. Management of abdominal vascular injury (IVC, iliac)

February through May, 2018 focus on low volume high complexity general surgery (2.5 hours weekly)

Team approach: PGY 5, 3, 1, 1

Perfused cadaver simulation training

1. Vascular (week 1). D'Audiffret
 - a. Open CEA
 - b. Open infrarenal AAA
 - c. Open LE bypass with graft
 - d. CVP placement
2. Hepatobiliary (week 1). Marsh/Borgstrom
 - a. Liver resection
 - b. Open CBD exploration
 - c. Vagotomy & Antrectomy
 - d. Inguinal hernia
3. Thoracic (week 2) Abbas
 - a. Mediastinoscopy
 - b. VATS
 - c. Thoracotomy/lung resection
 - d. Chest tube
4. Bariatric/advanced minimally invasive (week 2). Tabone
 - a. Foregut
 - b. Gastric
 - c. Safe entry
 - d. Chole/Appy (intern)