

WVU Fresh Tissue Training Program Educational Agenda

Summer – Fall

Trauma skills

July through December:

Team approach: PGY 4,2,1,1

Perfused cadaver simulation training: Instructors – Grabo, Borgstrom

1. Penetrating neck injury
 - 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
 - a. SFA exposure, shunt placement
 - b. 4 compartment fasciotomy
3. Penetrating chest injury
 - a. Left anterolateral thoracotomy, control of cardiac wound
 - b. Clamshell thoracotomy
 - c. Pulmonary tractotomy, lung resection, pneumonectomy
4. Blunt abdominal trauma
 - a. Exploratory laparotomy for trauma
 - b. Management of solid organ injury (liver, spleen, kidney)
 - c. Management of abdominal vascular injury (IVC, iliac)

Intern level skills: Chest tube, tourniquet, IO line, CVC placement

ASSET: Advanced Surgical Skills for Exposure in Trauma

PGY 4 and above

June, November

Winter – Spring

Low volume high complexity advanced general surgery

January through June:

Team approach: PGY 5,3,1,1

Perfused cadaver simulation training

1. Vascular –Pillai
 - a. Open CEA
 - b. Open infrarenal AAA
 - c. Open LE bypass with graft
2. Thoracic - Abbas
 - a. Thoracotomy/lung resection
 - b. Esophagectomy
 - c. Chest tube for interns
3. HPB - Marsh
 - a. Liver resection
 - b. Porta Hepatis Exploration

4. Hernia – Borgstrom
 - a. Femoral Hernia
 - b. Open CBD Exploration

Intern level skills: hernia anatomy, appendectomy, cholecystectomy