CT PA Training Track Objectives

Thoracic Surgery Service

ACU

The Surgical PA Resident should know or have the ability to:

1. Recognize normal anatomy of the chest, abdomen, and pelvis on imaging studies.
2. Identify common pathologic findings in the chest, abdomen, and pelvis as well as provide a short list (3-4 entities) of the differential considerations for the abnormal findings.
3. Reliably identify, communicate the findings of, and recommend any needed further imaging of potentially life threatening CT findings (pneumoperitoneum, AAA rupture, pneumothorax, bowel ischemia etc).
4. Correctly interpret basic findings of imaging studies of the chest, abdomen, and pelvis (pleural effusion, pulmonary edema, pulmonary nodules, bowel injury etc).
5. Understands the indications and contraindications for drainages and biopsies performed within the chest, abdomen, and pelvis.
6. Understands the fundamentals of selecting a guidance technique (ultrasound or CT) for a particular procedure.

Required Reading

   a. Chapter 7
   b. Chapter 8
   c. Chapter 9
   d. Chapter 10
   e. Chapters 11 and 12

Patient Care Activities

The CT PA Training Track Surgical PA Resident on the ACU Rotation should demonstrate the following abilities:

- Organize patient data by systems
- Complete a thorough patient assessment
- Develop a patient plan of care
- Prioritize patient acuity and tasks
- Perform the following procedures
  - Arterial line / ABG
  - Chest tube placement
  - Chest tube removal
  - Dobhoff / NG tube placement and removal
  - Central line placement and removal (subclavian and internal jugular sites)
  - Tracheostomy exchange
- Tracheostomy care
- Sternotomy closure
- Pacing wire removal
- Chest tube management
- Anticoagulation management
- External pacing
- Wound VAC application, change, management, and removal
- Femoral line placement
- Assist TSU Resident with IABP placement
- IABP removal
- Assist TSU Resident or ACU Intensivist with Swan Ganz placement
- Thoracentesis

Medical Knowledge
The CT PA Training Track Surgical PA Resident on the ACU Rotation should understand the following:

- Basic Science principles (ex: metabolism, wound healing)
- Cardiac Surgery principles (ex: fluid resuscitation)
- Thoracic Surgery principles (ex: surgical management of NSCLC)
- Cardiology principles (ex: cardiac physiology)
- ACLS protocols (ex: management of atrial fibrillation)
- Pharmacologic principles (ex: anticoagulation)
- Radiographic studies: (ex: indications and basic interpretation)
- Critical Care subjects: (ex: ARDS, SIRS, MODS)
- General Medicine principles (ex: infectious disease)

Basic Learning and Improvement
The CT PA Training Track Surgical PA Resident on the ACU Rotation should demonstrate the ability to:

- Attend TSU Division Conferences
- Attend Surgical Grand Rounds Conferences
- Teach medical students and physician assistant students
- Participate in academic and clinical discussions
- Evaluate published literature in critically acclaimed journals and texts
- Apply clinical trials data to patient management

Interpersonal and Communication Skills
The CT PA Training Track Surgical PA Resident on the ACU Rotation should demonstrate the ability to:

- Interact with Patients and their Families
- Interact with ACU Nursing staff
- Interact with consulting services
- Interact with TSU Faculty, TSU Residents, and TSU PA Staff
- Interact with Anesthesia Faculty and Cardiac Anesthesia Fellows