CT PA Training Track Objectives

Thoracic Surgery Service

CT Operative Month

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. Provide basic interpretation of cardiac angiography studies
3. Describe surgical techniques (CABG, Valve replacement, Heart Port, VATS etc)
4. Provide basic description of the cardiopulmonary bypass circuit

Required Reading

   a. Chapter 4
   b. Chapter 5
   c. Chapter 6
   a. Chapter 59
   b. Chapter 60

Patient Care Activities

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

- Complete a thorough patient assessment
- Identify preoperative risk factors in patients undergoing CT surgical procedures
- Discuss the preoperative plan with the TSU Faculty, TSU Residents, or TSU Surgical PA Staff
- Call schedule: one weekend of Emergency OR Case coverage with the designated TSU PA Preceptor AND two Sundays of In-house patient rounding / patient care responsibilities
- OR case assignments determined by the designated TSU PA Preceptor and the TSU Administrative Chief Resident
- Perform the following activities / procedures
  - First or Second Assist in CT surgical procedures
  - Conduit harvesting techniques for CABG procedures
  - Arterial line placement
  - Chest tube placement and removal
  - Sternotomy closure
  - Pacing wire removal
  - External pacing
  - Assist TSU Resident with IABP placement
  - IABP removal
Medical Knowledge
The CT PA Training Track Surgical PA Resident on the CT OR Rotation should understand the following:
- Cardiac Surgery principles (ex: intraoperative cardiac anatomy)
- Surgical technique: (ex: sterile field, suturing skills, assisting skills)
- Conduit Harvesting skills (ex: EVH techniques, Harmonic Scalpel)

Basic Learning and Improvement
The CT PA Training Track Surgical PA Resident on the CT OR Rotation should demonstrate the ability to:
- Attend TSU Division Conferences
- Discuss publications regarding the use of different conduits used for CABG (ex: greater and lesser saphenous vein, radial artery, internal mammary artery etc)
- Teach medical students and physician assistant students
- Present to the TSU Surgical PA Staff a topic of interest in the field of Cardiothoracic Surgery (ex: power point presentation with references)

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 OR Nursing staff
- Interact with TSU Faculty, TSU Residents, and TSU PA Staff
- Interact with Anesthesia Faculty and Cardiac Anesthesia Fellows
- Interact with Perfusion Staff