

## **PGY-1 Training Objectives**

### **Body CT Curriculum**

The surgery resident should know or have the ability to:

1. Recognize the normal anatomy of the abdomen and pelvis on axial imaging
2. Identify common pathologic findings in the abdomen and pelvis and provide a short list (5-6 entities) of 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 (free air, AAA rupture, bowel ischemia etc)
4. Interpret CT of the chest-abdomen-pelvis in the setting trauma with the ability to identify and communicate the findings of and recommend any needed further imaging of (e.g. aortic injury, pneumothorax, solid parenchymal injury, bowel injury)
5. Understands the indications and contraindications for drainages and biopsies performed within the abdomen and pelvis.
6. Understands the fundamentals of selecting a guidance technique (ultrasound or CT) for a particular procedure.

### **Required Reading**

Duke Review Notes (Body Sections)

Weissleder R, Whittenberg J. Primer of Diagnostic Imaging (Body Sections)

Webb WR, B rant WE, Helms CA. Fundamentals of Body CT

### **Thoracic Surgery Service**

#### **Patient Care**

*The PGY-1 Resident on the Thoracic Surgery Service should demonstrate the ability to:*

- Evaluate pre-operative patients
- Manage ward/postoperative patients
- Prioritize patient acuity
- Manage ward emergencies (ex: arrhythmia, hypotension, respiratory distress.)
- Prioritize clinical responsibilities
- Plan discharge/transfer/rehab
- Perform the following procedures

Arterial line/ABG

Bronchoscopy

Chest tube placement

Chest tube removal

Dubhoff/NGT placement

Phlebotomy/IV placement

Central line placement

Central line removal

Tracheostomy exchange

Sternotomy closure

Pacing wire removal

Tracheostomy care

Chest tube management

Anticoagulation management

External pacing

### **Medical Knowledge**

*The PGY-1 Resident on the Thoracic Surgery Service should understand:*

- Basic Science principles (ex: metabolism, wound healing)
- Cardiac Surgery principles (ex: indications for CABG)
- 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: indications and interpretation

### **Practice Based Learning and Improvement**

*The PGY-1 Resident on the Thoracic Surgery Service should demonstrate the ability to:*

- Evaluate published literature in critically acclaimed journals and texts
- Apply clinical trials data to patient management
- Participate in academic and clinical discussions
- Teach medical students and physician assistant students
- Attend conferences

### **Interpersonal and Communication Skills**

*The PGY-1 Resident on the Thoracic Surgery Service should demonstrate the ability to:*

- Interact with Patient/Family
- Interact with Nursing staff
- Interact with Patient Resource Manager