This list should GUIDE your reading. This is not a comprehensive list of everything you should read to become proficient in body imaging. Reading about cases you have seen during the rotation should be occurring concurrently.

**Reading Sources – All of These Are in the Resident Library**

**Book 1**  
Fundamentals of Body CT, Webb, Brant and Major, 1998 Elsevier

**Book 2**  

**Book 3**  

**Book 4**  
Dynamic Radiology of the Abdomen, Morton Meyers, Springer

**CTA Book**  
CT and MR Angiography Comprehensive Vascular Assessment, Rubin GD, Rofsky NM, 2009, Lippincott-Williams & Wilkins

**Rotation #1, Year One**

**Preparation**
Review the CT Rotation introduction powerpoint tutorial  
Book 3, chapters 1 and 3 (section on “CT”)  
Book 1, chapter 1 “Introduction to CT of thorax”  
Book 1, chapter 8 “Introduction to CT of the abdomen & pelvis”  
Review CT anatomy: www.dartmouth.edu/~anatomy Under ‘thorax, abdomen, pelvis’, there are a series of contiguous CT images with pertinent anatomy to identify. Site can be used to self-test.

**Week 1**
Book 3, Chapter 3 (common conditions evaluated with CT & MR)  
Book 1, chapter 9 “Peritoneal cavity, vessels, nodes, abdominal wall”  
Book 1, chapter 3 “Mediastinum: vascular abnormalities”  
Book 1, chapter 11 “Liver”

**Week 2**
Book 1, chapter 10 “Abdominal Trauma”  
Book 1, chapter 2 “Mediastinum: intro and anatomy”  
Book 1, chapter 4 “Mediastinum: LN & masses”  
LN groups  
CT appearance of LNs

**Week 3**
Book 1, chapter 13 “Pancreas”  
CT technique  
Anatomy  
Pancreatitis  
Book 1, chapter 15 “Kidneys & ureters”  
Book 1, chapter 6 “lung disease”  
Normal anatomy  
Solitary Pulmonary nodule & focal lesions  
Mult pulmonary nodules & mets

**Week 4**
Book 1, chapter 17 “Gastrointestinal tract”  
Book 1, chapter 18 “Pelvis”
Book 2, chapter 17 “Retroperitoneum” → Aorta

**Rotation #2, Year One**

**Preparation**

Book 2, chapter 10 “Normal abdominal and pelvic anatomy”
CTA book - Chapter 19, “Normal anatomy and congenital variants”

**Week 1**

Book 1, chapter 16 “Adrenal glands”
Book 1, chapter 14 “Spleen”
Book 2, chapter 16 “Abdominal Wall and Peritoneal Cavity”
Read procedure related document resources under “Procedures & Patient Care” section of the Body Division section of the departmental website
Book 2, chapter 3 “Interventional Computed Tomography”
Book 3, chapter 10 “aspiration, biopsy & drainage”

**Week 2**

Book 2, chapter 15 “Pancreas”
- techniques, anatomy, developmental abnl
Book 1, chapter 13 “Pancreas”
- Fatty infiltration, adenocarcinoma, islet cell tumors, lymphoma, metastasis
- IPMNs & cystic lesions
Review book 1, chapter 11 “Liver”
Book 2, chapter 12 “Liver”
- “Principles of contrast enhancement”
- “Imaging techniques”
Book 2, chapter 12 “Liver” → ‘Benign hepatic tumors’, ‘Malignant hepatic tumors’

**Week 3**

Book 1, chapter 4 “mediastinum LN and masses”
Book 1, chapter 5 “the hila”
Book 1, chapter 6 “lung disease”

**Week 4**

Book 1, chapter 7 “Pleura, chest wall, diaphragm”
CTA book - Chapter 18, CTA technique
CTA book – Chapter 18, Abdominal aorta anatomy, Anuerysms
CTA book - Chapter 17, “Acute aortic syndromes”

**Rotation #3, Year Two**

**Preparation**

CTA book – chapter 1 (excluding cardiac and perfusion)

**Week 1**

CTA book – Chapter 18, Stenosis/occlusion, Dissection, trauma, ulceration
Book 2, chapter 17 “Retroperitoneum”
- ‘IVC and tributaries’, ‘LNs’, ‘Hemorrhage’, ‘Fibrosis’
Book 2, chapter 14 “Spleen”

**Week 2**

Book 2, chapter 15 “Pancreas”
- Pathologic conditions
Learn Couinaud’s segmental anatomy of the liver:
Book 2, chapter 12 “Liver” → ‘Anatomy’
Book 2, chapter 12 “Liver”

**Week 3**

Book 2, chapter 19 “Adrenals”
Book 2, chapter 15 “Biliary Tract”

**Week 4**

Book 2, chapter 21 “Computed Tomography of Thoracoabdominal Trauma”
**Rotation #4, Year Three**

**Week 1**
CTA book - Chapter 17, vasculitis  
Book 2, Chapter 7 - Lung  
CTA book – Chapter 19, Mesenteric vasculature

**Week 2**
Book 4, Extraperitoneal spaces; normal and pathologic anatomy  
Book 4, Intraperitoneal spread of malignancies  
Book 2, Chapter 9 - Heart & pericardium

**Week 3**
Book 2, Chapter 11 - Gastrointestinal tract  
Book 2, Chapter 15 - Pancreas

**Week 4**
Book 2, Chapter 20 - Pelvis  
Book 2, Chapters 6 & 8 – Mediastinum & Pleura, Chest Wall and Diaphragm