## Advanced Radiography Topics

### What to Read
- **Topic: Trauma Radiography**
  - Read Chapter 13 (Merrill’s V2)
- **Topic: Pediatric and Geriatric Radiography**
  - Read Chapter 26 and 27 (Merrill’s V3)
- **Topic: Surgical Radiography**
  - Read Chapter 29 (Merrill’s V3)
- **Topic: Conventional Tomography**
  - Read Chapter 31 (Merrill’s V3)

### What to Do
- **Discussion: Geriatric and Pediatric** (Due _________)
- **Quiz 1** (Due _________)

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## Iodinated Contrast Media

### What to Read
- **Topic: Arthrography**
  - Read Chapter 12 (Merrill’s V2)
- **Topic: Myelography**
  - Read Chapter 24 (Merrill’s V3)

### What to Do
- **Quiz 2** (Due _________)

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## Fluoroscopy and Digital Imaging

### What to Read
- **Topic: Fluoroscopy**
  - Read Chapter 36 (Principles)
- **Topic: Digital Imaging**
  - Read Chapter 23 (Principles)
- **Topic: PACS**
  - Read Chapter 24 (Principles)

### What to Do
- **Discussion: Fluoroscopy** (Due _________)
- **Assignment: Digital Imaging** (Due _________)
- **Quiz 3** (Due _________)
# Special Imaging Modalities: Radiation-Emitting

**What to Read**
- Topic: Mammography
  - Read Chapter 21 (Merrill’s V2)
- Topic: C.T. Imaging
  - Read Chapter 24 (Merrill’s V3)
- Topic: Vascular, Cardiac, and Interventional Imaging
  - Read Chapter 25 (Merrill’s V3)
- Topic: Nuclear Medicine
  - Read Chapter 34 (Merrill’s V3)
- Topic: Bone Densitometry
  - Read Chapter 35 (Merrill’s V3)

**What to Do**
- Discussion: Mammography (Due _________)
- Assignment: CT (Due _________)
- Quiz 4 (Due _________)

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# Special Imaging Modalities and Therapeutic Radiation Methods

**What to Read**
- Topic: MRI Imaging
  - Read Chapter 32 (Merrill’s V3)
- Topic: Ultrasound
  - Read Chapter 33 (Merrill’s V3)
- Topic: Radiation Oncology
  - Read Chapter 36 (Merrill’s V3)

**What to Do**
- Assignment: MRI (Due _________)
- Quiz 5 (Due _________)
- Final Exam (Due _________)