

***CT: Image Optimization, Case Studies and Dose***

**Dose Considerations**

Measurements

* Benchmarks
* ACR accreditation dose limits

**Improving Image Quality**

Spatial Resolution

* Contrast Resolution

**Neuro CT**

**Brain**

* CT Angiography
* Circle of Willis
* Perfusion studies

Neuro Pathology and Disease Processes

**Neck CT**

* Soft Tissue studies
* CT Angiography – Carotid

Neck CT Pathology and Disease Processes

**Thorax CT**

* Routine Studies
* High resolution CT

Thorax CT Pathology and Disease Processes

**Abdomen/Pelvis CT**

* Inflammatory Processes
* Bi-Phase Exams
* Tri-Phase exams
* Genitourinary Systems
* Gastrointestinal System
* Abdomen and Pelvis

**Pathology and Disease Processes**

* Vertebral Column

Vertebral Pathology and Disease Processes

**~ Agenda Subject to Change ~**

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