

CT Parathyroid Guideline

Indications: Evaluate parathyroid adenoma, Hypercalcemia

Oral Contrast: None

IV Contrast: Yes (See [MRG Contrast Media Administration Policy](#))

Injection: 75ml at 4cc/second with 25ml saline chaser

Scans: (1) Pre-contrast

(2) 25 sec delay

(3) 80 sec delay

Series	(1) Pre-contrast	(2) 25 second delay	(3) 80 second delay
Positioning	Supine-head first	Supine-head first	Supine-head first
FOV	Patient size	Patient size	Patient size
Axial Reconstruction: Thickness/ Interval/ Algorithm	(1) 2mm/2mm/Soft (2) 2mm/2mm/Sharp	(1) 2mm/2mm/Soft	(1) 2mm/2mm/Soft
Start Location	Nasopharynx	Nasopharynx	Nasopharynx
End Location	2cm below Carina	2cm below Carina	2cm below Carina
Gantry Angle	None	None	None
Reformations: Thickness/ Interval/ Algorithm	(1) Coronal (parallel to long axis of neck) 2mm/2mm/Soft (2) Sagittal 2mm/2mm/Soft	(1) Coronal (parallel to long axis of neck) 2mm/2mm/Soft (2) Sagittal 2mm/2mm/Soft	(1) Coronal (parallel to long axis of neck) 2mm/2mm/Soft (2) Sagittal 2mm/2mm/Soft
Phase of Respiration	Inspiration	Inspiration	Inspiration