

Contrast studies: 2ml/kg, 100ml max dose

Routine:

Preferred - Power Injector set to deliver bolus in 30-40sec.

(Manual Injection Over 30 Seconds)

Delay Scan Start 45 Sec from Start of Injection.

Abscess:

Preferred - Power Injector set to deliver dual phase bolus of 1ml/kg over 30sec.

(Manual Injection with same timing)

Inject 1ml/kg over 30 Sec; wait 60 sec; inject 1ml/kg over 30 Sec.

Delay scan start 30 sec from start of second Injection

PICC Line, Implanted Port Device or Central Line must be verified as power rated for CT Injector use.

The patient should lie on the table in supine position with a slightly extended neck. The study should be performed (if possible) with a breath-hold and NO SWALLOWING.

***For Airway also include MinIPs/3D Airway - spin.

RECONS:

Name	Type	Window	Slice	Interval	Scan Range
TOPOGRAM/SCOUT					Lateral Neck
AXIAL ST	MPR	Soft Tissue	3 mm	3 mm	Sellar floor to the top of the aortic arch
CORONAL ST	MPR	Soft Tissue	3 mm	2 mm	perpendicular to the plane of the hard palate from the nasal vestibule to the sella.
SAGITTAL ST	MPR	Soft Tissue	3 mm	2 mm	perpendicular to the plane of the hard palate through the maxillary sinuses

Protocol Updated: 12/2025