NECK ST W/

Protocol to Use	3.2 ST Neck	
HDI/VDI		
Patient position:	Supine Head First	
Exam specific instructions:	Outpatient only: (1)Have patient fill cheeks with air and pressure as if blowing up a balloon during the breath-hold, (2)Repeat through the oropharynx on patients with non-removable dental work	
Indication:	Abscess, mass, infection	
Notes:	40 second delay	
CONTRAST:	Oral:	None
	IV:	75mL *HDI - Omnipaque 350 + 20ml Saline Pre-Flush and 30ml Saline Post-Flush *VDI - Omnipaque 350 @ 2mL/sec

SERIES 1: Dual Scout	**GE 120 kV/ 20mA**				
GE	**GE 64 2nd FL**	**GE 64 ER**	**GE 64 OLY**	**GE CTS ER**	**PET CT**
	OM S50/I300	S50/I300	S60/I375	S75/I500	SN S275/I200

SERIES 2: Scan craniocaudal from above frontal sinus through carina

GE	**GE 64 2nd FL**	**GE 64 ER**	**GE 64 OLY**	**GE CTS ER**	**PET CT**
Scan Type	Helical	Helical	Helical	Helical	Helical
Detector Config	40mm	40mm	40mm	80mm	40mm
Rotation	0.5	0.984	0.984	0.5	0.5
Pitch/Speed	0.9/39.37	0.9/39.37	39.375	0.992/1	0.9/39.37
SFOV	Large Body	Large Body	Large Body	Large Body	Large Body
kV	120	120	120	120	120
mA Range	50-450	50-450	75-450	100-450	100-560
NI	9.1	9.1	32.72	5.1	9.1
Prep Group	40 sec	N/A	N/A	40	40 sec
DFOV (cm)	22	22	36	24	22
% Dose Reduction	40	40	40	40	40
ASIR %	40	40	40	40	40
CTDI (mGy)	11.74	14.13	9.7	15.31	14.82
XR29 Dose Notification (mGy)	30	30	30	30	30

	RECON 1	**RECON 2**	**RECON 3**	**REFORMAT 1**	**REFORMAT 2**
Series Descripton	Axial ST	Lung	Thins ST	Sagittal ST	Coronal ST
Type	Axial	Axial	Axial	Sagittal	Coronal
Start	Above frontal sinus	Skin surface	Above frontal sinus	Left	Anterior
End	Through Carina	Skin surface	Through Carina	Right	Posterior
Image Order	Craniocaudal	Ant to Post	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Lung	Standard	Standard	Standard
Windowing	C40/W350	C-500/W2000	C40/W350	C40/W350	C40/W350
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	2.5	2.5	0.625	2.5	0.625
Increment (mm)	2.5	2.5	0.625	2.5	0.625
FOV (mm)	22	22	22	22	22

Send to PACs

Approving Radiologist / Review Date: Dr. Praveen Rao 3/28/2023