

NECK CHEST ABDOMEN PELVIS

Protocol to Use	Neck Chest Abd Pelvis				
Patient position:	Supine Head First				
Exam specific instructions:	This exam is aquired with a single bolus				
Indication:	Abscess, mass, infection, tumor detection, staging, trauma				
Notes:	Scout with arms up, plan to do CAP, single bolus, start CAP at 70 seconds (takes 8 seconds), bring arms down, immediately start neck Cran-caud, rescan with chin up				
CONTRAST:	Oral:	None			
	IV:	Below 200lbs: 75mL Above 200lbs: 100mL *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
	SN S200/I200	S50/I500	S60/I375		
 SERIES 2 Group 1 (NECK): Scan craniocaudal from above lungs through adrenals					
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER	PET CT
Scan Type	Helical	Helical	Helical		Helical
Detector Config	40mm	40mm	40mm		40mm
Rotation	0.5	0.5	0.5		0.5
Pitch/Speed	0.9/39.37	0.98439.375	0.984/39.375		0.984/39.37
SFOV	Large Body	Large Body	Large Body		Large Body
kV	120	120	120		120
mA Range	50-450	75-450	120-550		100-560
NI	18	32.72	32.72		9.1
Prep Group	40 sec delay	40 sec delay	40 sec delay		40 sec delay
DFOV (cm)	25	36	22		22
% Dose Reduction	40	40	40		40
ASIR %	N/A	40	40		40
CTDI (mGy)	6.86	10.1	9.7		17.25
XR29 Dose Notification (mGy)	50	50	50		50

	RECON 1	REFORMAT 1	REFORMAT 2	RECON 4
Series Descripton	Axial Neck	Coronal ST	Sagittal ST	Neck
Type	Axial	Coronal	Sagittal	Axial
Start	Frontal Sinus	Anterior	Left	Frontal Sinus
End	Carina	Posterior	Right	Carina
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Standard	Standard	Standard
Windowing	C40/W400	C40/W400	C40/W400	C40/W350
Render Mode	Average	Average	Average	Average
Slice (mm)	2.5	2.5	2.5	2.5
Increment (mm)	2.5	2.5	2.5	2.5
FOV (mm)	25	25	25	25

 SERIES 2 Group 2 (Chest): Scan craniocaudal from above lungs through adrenals
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GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CTS ER	PET CT
Series Descripton	Chest Thins				
Scan Type	Helical				
Detector Config	40mm				
Rotation	0.5				
Pitch/Speed	0.9/39.375				
SFOV	Large Body				
kV	120				
mA Range	100-500				
NI	32.72				
Prep Group	30 sec delay				
DFOV (cm)	36				
% Dose Reduction	N/A				
ASIR %	N/A				
CTDI (mGy)	6.96				
XR29 Dose Notification (mGy)	25				

	RECON 1	REFORMAT 1	REFORMAT 2	RECON 2
Series Descripton	Axial CAP	Coronal ST	Sagittal ST	Lung
Type	Axial	Coronal	Sagittal	Axial
Start	Apicies	Anterior	Left	Apicies
End	Adrenals	Posterior	Right	Adrenals
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Standard	Standard	Lung
Windowing	C40/W400	C40/W400	C40/W400	C-500/W2000
Render Mode	Average	Average	Average	Average
Slice (mm)	2.5	2.5	2.5	2.5
Increment (mm)	2.5	2.5	2.5	2.5
FOV (mm)	50	36	36	36

	RECON 3	REFORMAT 3	REFORMAT 4	REFORMAT 5
Series Descripton	Lung Thin	Coronal Lung	Lung	MIP Axial Lung
Type	Axial	Coronal	Axial	Axial
Start	Apicies	Anterior	Above Lungs	Above Lungs
End	Adrenals	Posterior	Through Adrenals	Through Adrenals
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Lung	Lung	Lung	Lung
Windowing	C-500/W2000	C-500/W2000	C-500/W2000	C-500/W2000
Render Mode	Average	Average	Average	MIP
Slice (mm)	0.625	2.5	2.5	20
Increment (mm)	0.625	2.5	2.5	2.5
FOV (mm)	36	36	36	36

	RECON 5	REFORMAT 6	REFORMAT 7
Series Descripton	Thin Chest	Coronal ST	Sagittal ST
Type	Axial	Coronal	Sagittal
Start	Apicies	Anterior	Left
End	Adrenals	Posterior	Right

Image Order	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Standard	Standard
Windowing	C40/W400	C40/W400	C40/W400
Render Mode	Average	Average	Average
Slice (mm)	0.625	2.5	2.5
Increment (mm)	0.625	2.5	2.5
FOV (mm)	36	36	36

	RECON 6	REFORMAT 8	REFORMAT 9	RECON 7
Series Descripton	Abd Thin	Coronal ST	Sagittal ST	Super D
Type	Axial	Coronal	Sagittal	Axial
Start	Diphragm	Anterior	Left	Apicies
End	Lesser Trochanter	Posterior	Right	Adrenals
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Standard	Standard	Standard
Windowing	C40/W350	C40/W400	C40/W400	C40/W350
Render Mode	Average	Average	Average	Average
Slice (mm)	0.625	2.5	2.5	1.25
Increment (mm)	0.625	2.5	2.5	0.8
FOV (mm)	50	36	36	36

Send to PACs
Approving Radiologist / Review Date