

IAC'S COMPLETE Siemens GO ALL

Indications	ha, ear pain, dizziness, hearing loss					
Diagnostic Task	Detect fluid in ear, masses in ears					
Scan Mode	Helical					
Position/Landmark	Head first-supine at chin					
Topogram	lateral 30mA 130kVp					
KV/Reference mAs	130kV 317mA					
Rotation time/Pitch	1.0/0.55					
Detector Configuration	32x0.7					
Table Speed/Increment	12.32					
Dose Reduction	Care dose 4d					
Allowed CTDI ranges*	30mGy-80mGy					
XR29 Dose notification	80mGy					
Helical Set SUPINE	recon	body part	thickness spacing	kernel	window	recon destination
	1	IAC ST bilat	2mmx2mm	Hr40	mediastinum	pacs
	2	IAC bone bilat	0.6mmx 0.6mm	Hr64	Osteo	pacs/recon/TR
	3	Rt IAC axial	0.6mmx 0.6mm	Hr64	Osteo	pacs/recon
	4	Lt IAC axial	0.6mmx0.6mm	Hr64	Osteo	pacs/recon
	5	IAC coronal bilat	0.6mmx 0.6mm	Hr64	Osteo	pacs
	6	Rt IAC COR	0.6mmx 0.8mm	Hr64	Osteo	pacs
	7	Lt IAC Cor	0.6mmx0.6mm	Hr64	Osteo	pacs
IF SSC	8	oblique of Stenver	0.6mmx0.6mm	Hr64	Osteo	pacs
IF SSC	9	oblique of Poschi	0.6mmx0.6mm	Hr64	Osteo	pacs
Scan Start/End	1cm inferior to mastoid tip/1cm superior to petrous bones					
DFOV	25 cm bilat/ 10cm lt and rt mags					
IV contrast volume/rate	80ml under 250lbs 100ml over 250lbs isovue 370 2cc/sec					
	Performed as directed by a supervising radiologist					
Scan Delay	65 seconds					
NOTE*	The Diagnostic Reference Dose (CTDI vol) is 75mGy(with 16cm CTDI phantom). The pass/fail limit (ACR and Washington state) is 80mGy. Most routine head scans on modern scanners have CTDIvol ranges between 40 and 60mGy.					
	*The AAPM recommended NEXA XR29 Dose Notification Value for an adult head is 80mGy. The maximum CTDIvol should match the dose notification value. Exams with CTDI vol values less than the minimum allowed range should not be performed unless approved by a radiologist.					