IAC'S COMPLETE 64 Sensation

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	ap/lateral 35mA 120kVp					
KV/Reference mAs	120kv 190mas					
Rotation time/Pitch	1.0 sec/0.85					
Detector Configuratic	64x0.6					
Table Speed/Increme	32.64					
Dose Reduction	na					
Allowed CTDI ranges	30mGy-80mGy					
XR29 Dose notificatic	80mGy					
Helical Set #1 SUPINE		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	IAC Bilat bone	1mmx 1mm	70very sharp	inner ear	pacs/TR
	2	IAC bilat ST	2mmx2mm	31medium	mediastinum	pacs
	3	Lt IAC small fov	1mmx1mm	70very sharp	inner ear	pacs
	4	Rt IAC small fov	1mmx 1mm	70very sharp	inner ear	pacs
	5	coronal IAC bilat	1mmx1mm	70very sharp	inner ear	pacs
	6	coronal IAC RT	1mmx1mm	70very sharp	inner ear	pacs
	7	coronal IAC LT	1mmx1mm	70very sharp	inner ear	pacs
IF SSC	8	oblique of Stenver	1mmx1mm	70very sharp	inner ear	pacs
	9	oblique of Poschi	1mmx1mm	70very sharp	inner ear	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/ra	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.					

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by Dr Walker