

# Temporal bones 64 Toshiba

Indications	ha, ear pain, dizziness, hearing loss				
Diagnostic Task	Detect fluid in ear, masses in ears				
Scan mode	Helical				
Position/Landmark	Head or feet first-Supine				
Topogram	AP/Lat 50mA 120kV				
kVp/Reference mass	120kVp/200mA				
Rotation time/pitch	0.5/0.641				
Detector Configuration	64x0.5				
Table Speed/Increment	20.5				
Dose reduction	na				
Allowed CTDI ranges*	30mGy-80mGy				
XR29 Dose Notification value	80mGy				
Helical Set	recon	body part	thickness spacing	algorithm	recon destination
	1	IAC bone bilat	1mm 1mm	bone	pacs
	2	IAC ST bilat	2mmx2mm	standard	pacs
	3	IAC axial bone RT	1mmx 1mm	bone	pacs
	4	IAC axial bone LT	1mmx 1mm	bone	pacs
	5	coronal IAC bone bilat	1mmx 1mm	bone	pacs
	6	coronal IAC bone RT	1mmx 1mm	bone	pacs
	7	coronal IAC bone LT	1mmx 1mm	bone	pacs
	8	Oblique of Stenver	1.mmx1.mm	bone	pacs
	9	Oblique of Poschi	1.mmx1.mm	bone	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.

**Mark Right side of patient with BB.**

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