

Routine Face 64 GE

Indications	Trauma, Pain, Swelling			
Diagnostic Task	Detect fractures, edema, masses, or infection of the face			
Scan mode	Helical			
Position/Landmark	Head -Supine S100-I100			
Topogram	AP 120kV 10mA /Lat 10mA 120kV			
kVp/Reference mass	120kv 220mA			
Rotation time/pitch	0.5/0.531:1			
Detector Configuration	64x0.625			
Table Speed/Increment	10.62			
Dose reduction	Noise Index na			
Allowed CTDI ranges*	7mGy-50mGy			
XR29 Dose Notification value	50mGy			
Helical Set		body	thickness	recon
	recon	part	spacing	algorithm
	1	facial bones	0.625mmx 0.625mm	bone
	2	facial soft tissue	1.25mmx 1.25mm	standard
	3	coronal facial bones	1mmx1mm	bone
	4	sag facial bones	1mmx1mm	bone
	5	coronal facial soft tissue	2mmx2mm	standard
				recon destination
				pac
				pac
				pac
				pac
				pac
Scan Start/end location	1cm superior to frontal sinus			
	thru mandible			
DFOV	25cm			
angle	none			
IV contrast volume/type	80ml under 250lbs 100ml over 250lbs isovue 370 2cc/sec if needed			
Scan delay	60 seconds			

Mark rt side of face with BB.

NOTE*	<p>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.</p> <p>*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.</p>
-------	---