Mandible 64 GE

Indications	**Trauma, Pain, Swelling**
Diagnostic Task	**Detect fratures, edema, masses, or infection of the jaw**
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 destination 1 mandible bones 0.625mmx 0.625mm bone pacs 2 mandible soft tissue 1.25mmx 1.25mm standard pacs 3 coronal mandible bones 1mmx1mm bone pacs 4 sag mandible bones 1mmx1mm bone pacs
Scan Start/end location	1cm superior to glenoid fossa
	through 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*	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.