ROUTINE Orbit 64 Sensation

Indications	Trauma, Pain, Swelling
Diagnostic Task	Detect fratures, edema, masses, or infection of the eye
Scan Mode	Helical
Position/Landmark	Head first- Supine
Topogram Direction	lateral 35mA 120kVp
KV/Effective mAs	120kv 150mas
Rotation time/pitch	1.0sec/0.55
Detector Confituraiton	64x0.6
table speed/Increment	21.12
Dose Reduction	na
Allowed CTDI ranges*	30mGy-80mGy
XR29 Dose Notification V	80mGy
Helical Set-SUPINE	body thickness recon recon part spacing kernel window destination 1 orbit bones 1mmx 1mm 70 very sharp neuro bone pacs 2 orbit soft tissue 2mmx 2mm 31 medium smooth mediastinum pacs 3 sag orbit soft tissue 2mmx2mm 31 medium smooth mediastinum pacs 4 coronal orbitsoft tissue 2mmx2mm 31medium smooth mediastinum pacs
Scan start/end	1cm superior to frontal sinus
	throught maxialla
DFOV	25cm
IV contrast volume/type	80ml under 250lbs 100ml over 250lbs isovue 370 2cc/sec if needed
	Performed as directed by a the supervising radiologist
Scan delay	60 seconds

Mark rt side of face with BB.

NOTE*	The Diagnositc 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.