Routine Orbit 64 Toshiba

Indications	**Trauma, Pain, Swelling**
Diagnostic Task	**Detect fratures, edema, masses, or infection of the eye**
Scan mode	Helical
Position/Landmark	Head -Supine
Topogram	AP/Lat 50mA 120kV
kVp/Reference mass	120kV 150mA
Rotation time/pitch	0.5/0.641
Detector Configuration	64x0.5
Table Speed/Increment	20.5
Dose reduction	Sure Exp 3D-off
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification value	50mGy

Helical Set

recon	body part	thickness spacing	algorithm	recon destination
1	facial bones	0.5mmx 0.5mm	bone sharp	pacs
2	facial soft tissue	2mmx 2mm	ST sharp	pacs
3	sag orbit soft tissue	2mmx2mm	ST sharp	pacs
4	coronal facial soft tissue	2mmx2mm	ST sharp	pacs

Scan Start/end location	1cm superior to frontal sinus
	through maxialla
DFOV	24cm
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.