

# ROUTINE Orbit Siemens GO UP

Indications	<b>Trauma, Pain, Swelling</b>					
Diagnostic Task	<b>Detect fractures, edema, masses, or infection of the eye</b>					
Position/Landmark	Head first- Supine					
Scan Type	Helical					
Topogram Direction	Lateral 30mA 130kV					
KV/Effective mAs	110kv 521mas					
Rotation time/pitch	1.0/0.55					
Detector Confituraiton	32x0.7					
table speed/Increment	12.32					
Dose Reduction	Cared dose 4D					
Allowed CTDI ranges*	30mGy-80mGy					
XR29 Dose Notification V	80mGy					
Helical Set-SUPINE	recon	body part	thickness spacing	kernel	window	recon destination
	1	Orbit bone axial	.6mmx .6mm	Hr60	bone	pacs
	2	Orbit soft tissue axial	2mmx 2mm	Br40	mediastinum	pacs
	3	Orbit soft tissue Cor	2mmx 2mm	Br40	mediastinum	pacs
	4	Orbit soft tissue sag	2mmx2mm	Br40	mediastium	pacs
Scan start/end	1cm superior to frontal sinus					
	through maxilla					
	25cm					
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 Diagnositic 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.