

# ROUTINE FACE Siemens GO ALL

Indications	<b>Trauma, Pain, Swelling</b>					
Diagnostic Task	<b>Detect fractures, edema, masses, or infection of the face</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	facial bones	.6mmx .6mm	Hr60	bone	pacs
	2	facial soft tissue	1mmx 1mm	Hr44	mediastinum	pacs
	3	Coronal soft tissue	2mmx2mm	Hr44	mediastinum	pacs
	4	Coronal bone	1mmx1mm	Hr60	bone	pacs
	5	Sag bone	1mmx1mm	Hr60	bone	pacs
Scan start/end	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*	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.

