

GE VCT 64 SLICE PROTOCOLS

Protocol Name: SINUS SUPINE OR FACIAL BONES ADULT			
INDICATIONS:	Evaluation of facial trauma bone trauma or sinusitis or chronic cough.	LABEL:	SCOUT*, FACIAL*, COR* The * means anything after these beginnings will hang correct in pacs
IV CONTRAST:	None.	RECON 1:	0.625mm thick / 0.625 interval. Bone recon at 3000ww/250wl
ORAL CONTRAST:	None	RECON 2:	2.5mm thick /2.5 mm interval. Bone recon at 3000ww/250wl.
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Head in holder. Landmark at base of chin. Helical cuts are taken from below the maxilla to above the frontal sinuses on sinus CTs. Include mandible on facial bones CT. No gantry angle.	ADDITIONAL POST PROCESSING:	May need 3D imaging for facial bones refer to physician order or radiologist.
GENERAL EXAM GUIDELINES:	2.5mm thick /2.5 mm axial and 2.5 mm Cor/Sag DMPPRs.	SEND EXAM:	Send scout, 2.5 axial, and sag/cor images to pacs.
TRIGGER OR CONTRAST DELAY:	None	ARCHIVE:	
TECHNIQUE GUIDELINES:	120 kvp. 200 mA at 0.4 seconds.	BILL AS:	Usually facial bones without contrast or sinus CT.

SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S150.00 Base of chin	I100.00 Top of skull	120	10	90	N

AXIAL IMAGE PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Show Recon1	Show Recon2	Show Recon3	Direct Vis
Helical Full 0.4 sec rotation	S75.0 Base of chin	S150.00 Top of frontal sinus	0.625 10.62 0.531:1	0.625	S0.0	Head	120	200 DR 40%	20.0	0.625mm Bone+ 3000ww 250wl For recons	2.5mm Bone+ 3000w 250w Send to Pacs	none	On Sag/ Cor 2.5m Send to Pacs