

GE VCT 64 SLICE PROTOCOLS

Protocol Name: PITUITARY ADULT	
INDICATIONS:	Evaluation of pituitary gland in a patient who cannot have an MRI.
IV CONTRAST:	100 cc of nonionic contrast. 2cc/sec. 22ga or better IV.
ORAL CONTRAST:	None
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Head in holder. Landmark at base of skull. Cuts are taken through the pituitary (in sella turcica). No gantry angle
GENERAL EXAM GUIDELINES:	1.25mm thick /1.25mm interval 40mm detector coverage with axial and 1.00 mm SAG and COR DMPRs.
TRIGGER OR CONTRAST DELAY:	50 seconds
TECHNIQUE GUIDELINES:	120 kvp. Smart MA on.
LABEL:	SCOUT*, AXIAL*, COR* The * means anything after these beginnings will hang correct in pacs
RECON 1:	0.625mm thick / 0.625 interval. Std recon at 400ww/30wl with 1.00 cor and sag MPRs
RECON 2:	1.25mm thick /1.25 mm interval. Std recon at 400ww/30wl.
ADDITIONAL POST PROCESSING:	None.
SEND EXAM:	Send scout, 1.25 axials, and MPRs to pacs.
ARCHIVE:	
BILL AS:	Usually IAC Sella or orbit with contrast

SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S150.00	150.00	120	10	90 and 180	N
	Base of Skull	Top of skull				

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 Recon 3	Direct Vis
Helical Full 0.8 sec rotation	S75.00	S150.0	0.625 39.37 0.984:1	0.625	S0.0	Head	120	165 7.60~ Smart mA On DR 50%	20	0.625mm Std(plus) 300ww 30wl SS60	1.25 Std(full) 80ww 30w Send to Pacs SS50	5mm Bone plus 2000 600 Send to pacs SS50	On Sag Cor 1.0m Send to Pacs