

CT PARATHYROID NECK WITHOUT/WITH	Parathyroidism, parathyroid lesion
CONSENT FORMS	Consent to Contrast Material Pregnancy Status Form (Female Patient)
ORAL CONTRAST	NONE
IV CONTRAST	4 CC/SEC FOR 75 CC/ NS 50 CC
POSITIONING	SUPINE; HEAD FIRST; ARMS DOWN BY SIDE; IMMOBILIZE HEAD; CENTER AT STERNAL NOTCH **HAVE PATIENT SHRUG DOWN SHOULDERS AND PUT A ROLLED WASH CLOTH BETWEEN PATIENT'S SHOULDER BLADES TO HELP ARCH AND GET SHOULDERS OUT OF THE WAY. ** ADVISE PT NOT TO –MOVE, SWALLOW, TALK, OR COUGH FOR EACH SCAN
SCOUT	S200/I 150, 120 KVP @ 10 MA, AP & LAT
TECHNIQUE – 64 SLICE NON CONTRAST	HELICAL; 1.25 MM, STD W400/L40 KVP 120 @ AUTO/SMART MA (400 MAX)-30% ASIR 0.516:1, 0.4 SEC, NI 8 SFOV - LGE BODY/DFOV - 23 CM SCAN FROM HYOID BONE TO CLAVICALAR HEAD
TECHNIQUE - 64 SLICE ARTERIAL/VENOUS PHASE	HELICAL; 1.25 MM, STD W400/L40 KVP 120 @ AUTO/SMART MA (600 MAX ART) (400 MAX VEN) -30% ASIR, 0.516:1, 0.4 SEC, NI 8 SFOV - LGE BODY/DFOV - 23 CM START SCANNING 25 SECONDS AFTER START OF INJECTION. SCAN FROM ANGLE OF THE MANDIBLE TO CARINA. START VENOUS DELAY 80 SECONDS AFTER START OF INJECTION. SCAN FROM ANGLE OF THE MANDIBLE TO CARINA.
TECHNIQUE – 128 SLICE NON CONTRAST	HELICAL; .625 MM, STD W400/L40 KVP 120 @ AUTO/SMART MA-30% ASIR SFOV - LGE BODY/DFOV - 25 CM SCAN FROM HYOID BONE TO CLAVICAL HEAD
TECHNIQUE – 128 SLICE ARTERIAL/VENOUS	HELICAL; .625 MM, STD W400/L40 KVP 120 @ AUTO/SMART MA-30% ASIR SFOV - LGE BODY/DFOV - 25 CM

	ROI ARTERY AT LEVEL JUST BELOW MANDIBLE SCAN FROM ANGLE OF THE MANDIBLE TO CARINA. DELAY 30 SECOND – REPEAT SAME SCAN AREA
RECONS	16 SLICE-1.25 MM/INT 0.625 MM, STD W400/L40 (DMPR) 16 SLICE-2.5 MM LUNG W1400/-600 64 SLICE-0.625 MM, STD W400/L40 (DMPR) 128 SLICE-1.25 MM, STD W400/L40 (DMPR)
RECONS	0.625 MM, STD W400/L40 (DMPR) 2.5 MM LUNG W1400/-600
REFORMATIONS	CORONAL & SAGITTAL - AVG 2.5 MM/2.5 MM W400/L40 OF BOTH ARTERIAL & VENOUS PHASE
PACS	SCOUT 1.25 MM - ART/VEN 2.5 MM - LUNG NECK COR & NECK SAG- ARTERIAL & VENOUS
CHARGE	CT NECK WO/W CONTRAST
REMARKS	