

<b>CT NECK WITH - PEDIATRIC</b>	Mass, abscess, lymphoma, foreign body, and adenopathy
CONSENT FORMS	Consent to Contrast Material Pregnancy Status Form (Female Patient)
ORAL CONTRAST	NONE
IV CONTRAST	1.5-2.5CC/SEC (USE 50CC NS FOR DUAL) HAND INJECT AS APPROPRIATE FOR AGE AND IV ACCESS 2ML/KG OR 1ML/LB – 75CC MAX
POSITIONING	SUPINE; HEAD FIRST; ARMS DOWN BY SIDE; IMMOBILIZE HEAD; CENTER AT STERNAL NOTCH
SCOUT	S100-200/I 150, 80-120 KVP @ 10 MA, AP & LAT
TECHNIQUE - 16 SLICE	HELICAL; 5.0 MM, STD W400/L40, PITCH 0.938 <b>SEE TECHNIQUE CHART BELOW</b> SCAN AFTER COMPLETION OF INJECTION FROM NASOPHARYNX TO CARINA
TECHNIQUE - 64 SLICE	HELICAL; 0.625 MM, STD W400/L40, PITCH 0.984 <b>SEE TECHNIQUE CHART BELOW</b> SCAN AFTER COMPLETION OF INJECTION FROM NASOPHARYNX TO CARINA
TECHNIQUE – 128 SLICE	
TECHNIQUE - SIEMENS	
RECONS	16 SLICE-1.25 MM/INT 0.625 MM, STD W400/L40 (DMPR) 16 SLICE-2.5 MM LUNG W1400/-600 64 SLICE-2.5 MM LUNG W1400/-600 64 SLICE-1.25 MM, STD W400/L40
REFORMATIONS	CORONAL & SAGITTAL - AVG 2.5 MM/2.5 MM W400/L40
PACS	SCOUT 1.25 MM –NECK W 2.5 MM - LUNG NECK COR & NECK SAG
CHARGE	CT NECK WITH CONTRAST
REMARKS	AVOID ORBITS AS MUCH AS POSSIBLE. NEVER LAY A PATIENT FLAT WITH A DIAGNOSIS OF EPIGLOTTITIS-PATIENT'S AIRWAY CAN CLOSE DOWN IN 30 SEC WITH THIS DIAGNOSIS

**CT NECK**

COLOR KG/LBS/cm	SCANO LENGTH A/P	kV	Body mA Range	SCAN TIME	Noise index	SMART MA/AUTO MA	SFOV	CTDI RANGE	ASIR
<b>1 PINK</b> 6-7.4kg 13.0-16.4 lbs TRANS 10cm	150	100	50-135	0.4/0.5 sec	25	YES	SMALL 16 cm		40% ASIR
<b>2 RED</b> 7.5-9.4 kg 16.5-20 lbs TRANS 12cm	150	100	50-145	0.4/0.5 sec	25	YES	SMALL 16 cm		40% ASIR
<b>3 PURPLE</b> 9.5-11.4 kg 20.5-25.4 lbs TRANS 14cm	150	100	50-155	0.4/0.5 sec	25	YES	SMALL 16 cm		40% ASIR
<b>4 YELLOW</b> 11.5-14.4kg 25.5-31.4 lbs TRANS 16cm	160	100	50-180	0.4/0.5 sec	25	YES	SMALL 16 cm		40% ASIR
<b>5 WHITE</b> 14.5-18.4kg 31.5-41.4 lbs TRANS 18cm	170	100	50-230	0.4/0.5 sec	25	YES	SMALL 16 cm		40% ASIR
<b>6 BLUE</b> 18.5-22.4kg 40.5-49.4 lbs TRANS 20cm	180	100	50-230	0.4/0.5 sec	27	YES	SMALL 20 cm		40% ASIR
<b>7 ORANGE</b> 22.5-31.4kg 49.5-69.4 lbs TRANS 22cm	190	120	50-140	0.5 sec	28	YES	SMALL 22 cm		40% ASIR
<b>8 GREEN</b> 31.5-40.5kg 69.5-88.4 lbs TRANS 24cm	200	120	70- 150	0.5 sec	30	YES	SMALL 22 cm		40% ASIR
<b>9 BLACK</b> 40.5-55kg 88.5-121 lbs TRANS 28cm	230	120	70-170	0.5 sec	36	YES	SMALL 22 cm		40% ASIR