

<b>CT CHEST W/O CONT PEDIATRIC</b>	Non-contrast: metastatic disease, pulmonary nodules, thorax dysplasia, pneumonia, pneumothorax, fungal infections, blebs, blunt chest trauma (contusion/tracheobronchial injury)
CONSENT FORMS	Consent Form Pregnancy Status Form (female patients)
ORAL CONTRAST	NONE
IV CONTRAST	NONE
POSITIONING	SUPINE; FEET FIRST; ARMS UP & OUT OF WAY; INSPIRATION BREATH-HOLD if possible CENTER AT STERNAL NOTCH
SCOUT	S 60/I 150-300, 100-120 KVP @ 10 MA, AP ONLY
TECHNIQUE - 16 SLICE	HELICAL; 5.0 MM, PITCH 1.375, STD W400/L40 <b>SEE TECHNIQUE CHART BELOW</b> SCAN FROM APEX THROUGH ADRENALS
TECHNIQUE - 64 SLICE	HELICAL; 0.625 MM, PITCH 1.375, STD W400/L40, <b>SEE TECHNIQUE CHART BELOW</b> SCAN FROM APEX THROUGH ADRENALS
TECHNIQUE – 128 SLICE	
TECHNIQUE -SIEMENS	HELICAL; MM, PITCH <b>SEE TECHNIQUE CHART BELOW</b> SCAN FROM APEX THROUGH ADRENALS
RECONS	2.5 MM, LUNG W1400/L-600 1.25 MM, LUNG W1400/L600 2.5 MM, STD W400/L40  16 SLICE: 1.25 MM/INT 0.625MM, STD W400/L40
REFORMATIONS	CORONAL & SAGITTAL AVG 2.5MM/2.5MM, STD W400/L40 AX THICK MIP 6 MM X 3 MM, STD, W1400/-600
PACS	SCOUT 2.5 MM – CHEST WO 2.5 MM – LUNG CHEST COR & CHEST SAG & AX LUNG MIP CHEST 1.25
CHARGE	CT CHEST W/O CONTRAST
REMARKS	

## CT CHEST

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	160	100	50- 110	0.4/0.5 sec	30	YES	Ped/Small Body		20% ASIR
<b>2 RED</b> 7.5-9.4 kg 16.5-20 lbs TRANS 12cm	170	100	50- 125	0.4/0.5 sec	22.1	YES	Ped/Small Body		20% ASIR
<b>3 PURPLE</b> 9.5-11.4 kg 20.5-25.4 lbs TRANS 14cm	180	100	50- 125	0.4/0.5 sec	22.1	YES	Small Body		20% ASIR
<b>4 YELLOW</b> 11.5-14.4kg 25.5-31.4 lbs TRANS 16cm	200	100	50- 125	0.4/0.5 sec	24	YES	Small Body		30% ASIR
<b>5 WHITE</b> 14.5-18.4kg 31.5-41.4 lbs TRANS 18cm	200	100	50- 140	0.4/0.5 sec	24	YES	Small Body		30% ASIR
<b>6 BLUE</b> 18.5-22.4kg 40.5-49.4 lbs TRANS 20cm	250	100	50- 140	0.4/0.5 sec	27	YES	Small Body		30% ASIR

<b>7 ORANGE</b> 22.5-31.4kg 49.5-69.4 lbs TRANS 22cm	275	120	<b>50-140</b>	0.5 sec	<b>28</b>	YES	Small Body	<b>STD</b> <b>30%</b> <b>ASIR</b>
<b>8 GREEN</b> 31.5-40.5kg 69.5-88.4 lbs TRANS 24cm	300	120	<b>50-150</b>	0.5 sec	<b>30</b>	YES	Large Body	<b>30%</b> <b>ASIR</b>
<b>9 BLACK</b> 40.5-55kg 88.5-121 lbs TRANS 28cm	330	100	<b>70-170</b>	0.5 sec	<b>36</b>	YES	Large Body	<b>30%</b> <b>ASIR</b>