

CT CHEST W/ CONT PEDIATRIC	
CONSENT FORMS	Consent Form Pregnancy Status Form (female patients) Medication Reconciliation Form
ORAL CONTRAST	NONE
IV CONTRAST	1.5-2.5 CC/SEC (USE 50CC NS FOR DUAL) HAND INJECT – AS APPROPRIATE FOR AGE AND IV ACCESS 2CC/KG OR 1CC/LB AT 75CC MAX
POSITIONING	SUPINE; FEET FIRST; ARMS UP & OUT OF WAY; A 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 SEE TECHNIQUE CHART BELOW SCAN AFTER INJECTION COMPLETION FROM APEX THROUGH ADRENALS
TECHNIQUE - 64 SLICE	HELICAL; 0.625 MM, PITCH 1.375, STD W400/L40, SEE TECHNIQUE CHART BELOW SCAN AFTER INJECTION COMPLETION FROM APEX THROUGH ADRENALS
TECHNIQUE – 128 SLICE	
TECHNIQUE -SIEMENS	
RECONS	2.5 MM, LUNG W1400/L-600 1.25 MM, STD W1400/L-600 2.5 MM, STD W400/L40 16 SLICE: 1.25 MM/INT 0.625, STD W400/L40 (DMPR)
REFORMATIONS	CORONAL & SAGITTAL AVG 2.5MM/2.5MM, STD W400/L40 AX THICK MIP 6MM X 3 MM STD, W1400/L-600
PACS	SCOUT 2.5 MM – CHEST W 2.5 MM – LUNG CHEST COR & CHEST SAG & AX LUNG MIP CHEST 1.25
CHARGE	CT CHEST W/ 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
1 PINK 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
2 RED 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
3 PURPLE 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
4 YELLOW 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
5 WHITE 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
6 BLUE 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

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