

CT TRAUMA - PEDIATRIC CHEST, ABDOMEN, PELVIS W/	Trauma injury
CONSENT FORMS	Consent to Contrast Material Pregnancy Status Form (female patients) Medication Reconciliation Form (outpatients)
ORAL CONTRAST	NONE
IV CONTRAST	1.5-2.5 CC/SEC OR HAND INJECT AS APPROPRIATE FOR AGE AND IV ACCESS 2CC/KG OR 1CC/LBS MAX 150CC
POSITIONING	SUPINE, FEET FIRST, ARMS UP IF POSSIBLE CENTER AT STERNAL NOTCH REMOVE OR CONTAIN ALL CLOTHING SO THEY DON'T CATCH IN TABLE BREATH HOLD
SCOUT	S 70 / I 200- 600, 100-120 KVP @ 10 MA AP S70 / I 200-600, 100-120 KVP @ 20 MA, LAT
TECHNIQUE - 16 SLICE	HELICAL; 5.0 MM; STD PLUS W400/L40 PITCH 1.375 SEE TECHNIQUE CHART BELOW DELAY 50 SEC, SCAN FROM APICES OF LUNG THRU PELVIS
TECHNIQUE - 64 SLICE	HELICAL; 0. 625 MM, STD PLUS W400/L40 PITCH 1.375 SEE TECHNIQUE CHART BELOW DELAY 50 SEC, SCAN FROM APICES OF LUNG THRU PELVIS
TECHNIQUE - DELAYED	HELICAL; 5.0 MM, STD W400/L40 PITCH 1.375 SEE TECHNIQUE CHART BELOW 4 MINUTE DELAY FROM TOP OF KIDNEYS THRU BLADDER
TECHNIQUE - SIEMENS	
RECONS	2.5 MM, LUNG W1400/-600 1.25 MM, STD W1400/-600 2.5 MM STD W400/L40 16 SLICE-1.25 MM/INT 0.625 MM STD W400/L40 (DMPR CHEST/ABD/PEL) 16 SLICE: 1.25 MM/INT 0.625 MM BONE W2500/250 (DMPR FOR BODY SAGITTAL SERIES AND SPINE)

	64 SLICE -0.625 MM, BONE W2500/L250 (DMPR FOR BODY SAGITTAL SERIES & SPINE)
REFORMATIONS	CHEST/ABD/PEL- CORONAL & SAGITTAL AVG STD 2.5MM/2.5MM, W400/L40 CHEST- AX THICK MIP 6 MM X 3 MM, STD W1400/L-600 SAGITTAL BONE - AVG 0.4 MM THICK / 1.5 SPACING
PACS	SCOUT 2.5 MM –CHEST/ABD/PEL W 2.5 MM - LUNG BONE SAG ABD COR & ABD SAG CHEST COR & CHEST SAG & AX LUNG MIP CHEST 1.25
CHARGE	CT CHEST, ABD, PELVIS WITH CONTRAST
REMARKS	SOMETIMES YOU HAVE TO POSITION AS BEST YOU CAN, WATCH FOR TUBES AND ATTACHED APPARATUS SO NOTHING GETS PULLED OUT

CT ABDOMEN/PELVIS									
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	250	100	50-135	0.4/0.5 sec	22.1	YES	Ped/Small Body		20% ASIR
2 RED 7.5-9.4 kg 16.5-20 lbs TRANS 12cm	270	100	50-145	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	320	100	50-155	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	330	100	50-180	0.4/0.5 sec	24	YES	Small Body		30% ASIR
5 WHITE 14.5-18.4kg 31.5-41.4 lbs TRANS 18cm	375	100	50-230	0.4/0.5 sec	24	YES	Small Body		30% ASIR
6 BLUE 18.5-22.4kg 40.5-49.4 lbs TRANS 20cm	410	100	50-230	0.4/0.5 sec	27	YES	Small Body		30% ASIR
7 ORANGE 22.5-31.4kg 49.5-69.4 lbs TRANS 22cm	460	120	50-110	0.5 sec	28	YES	Large Body		STD 30% ASIR
8 GREEN 31.5-40.5kg 69.5-88.4 lbs TRANS 24cm	510	120	70- 120	0.5 sec	30	YES	Large Body		40% ASIR
9 BLACK 40.5-55kg 88.5-121 lbs TRANS 28cm	580	120	70-240	0.5 sec	36	YES	Large Body		40% ASIR