

CT T SPINE W/O CONT PEDIATRIC	Non-contrast: pain, trauma, bony abnormality
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; 2.5 MM, PITCH 0.938, STD W2500/L250 SEE TECHNIQUE CHART BELOW SCAN FROM C7 TO L1
TECHNIQUE - 64 SLICE	HELICAL; 2.5 MM, PITCH 0.938, BONE PLUS W2500/L250, SEE TECHNIQUE CHART BELOW SCAN FROM C7 TO L1
TECHNIQUE – 128 SLICE	
TECHNIQUE -SIEMENS	HELICAL; MM, PITCH SEE TECHNIQUE CHART BELOW SCAN FROM C7 TO L1
RECONS	16 SLICE: 2.5 MM, STD W4008/L40 16 SLICE: 1.25MM/INT 0.625 MM, BONE W2500/L250 64 SLICE: 0.625 MM, BONE W2500/L250 64 SLICE: 2.5 MM, STD W400/L40
REFORMATIONS	SAGITTAL & CORONAL, AVG 1.25 MM THICK / 1.25 MM SPACING, W2500/L250 & SAGITTAL
PACS	SCOUT 2.5 MM – T SPINE WO 2.5 MM - STD SPINE COR & SPINE SAG
CHARGE	CT T SPINE W/O CONTRAST
REMARKS	

T or L SPINE WITHOUT CONTRAST –S1

COLOR KG/LBS/cm	SCAN LENGTH	kV	Body mA Range	SCAN TIME	Dose Step	* Noise Index	Pitch	Modulated Exposure Control	SFOV	RECON 1 Slice Width & Algorhythm	RECON 2 Image Width & Algorhythm	RECON 3 Image Width & Algorhythm	AUTO-VOICE		
1 PINK 6-7.4kg 13.0-16.4 lbs TRANS 10cm	200	100	50-100	0.5 sec	Plus 0	30	0.9	YES	Ped Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
2 RED 7.5-9.4 kg 16.5-20 lbs TRANS 12cm	220	100	50-115	0.5 sec	Plus 0	30	0.9	YES	Ped Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
3 PURPLE 9.5-11.4 kg 20.5-25.4 lbs TRANS 14cm	250	100	50-125	0.5 sec	Plus 0	30	0.9	YES	Small Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
4 YELLOW 11.5-14.4kg 25.5-31.4 lbs TRANS 16cm	280	100	50-125	0.5 sec	Plus 0	30	0.9	YES	Small Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
5 WHITE 14.5-18.4kg 31.5-41.4 lbs TRANS 18cm	325	100	50-140	0.5 sec	Plus 0	30	0.9	YES	Med Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
6 BLUE 18.5-22.4kg 40.5-49.4 lbs TRANS 20cm	370	120	50-110	0.5 sec	Plus 0	30	0.9	YES	Med Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
7 ORANGE 22.5-31.4kg 49.5-69.4 lbs TRANS 22cm	410	120	70-120	0.5 sec	Plus 0	30	0.9	YES	Med Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
8 GREEN 31.5-40.5kg 69.5-88.4 lbs TRANS 24cm	460	120	70-150	0.5 sec	Plus 0	30	0.9	YES	Med Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	NO		
9 BLACK 40.5-55kg 88.5-121 lbs TRANS 28cm	500	120	70-240	0.5 sec	Plus 0	30	0.9	YES	Large Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	YES		
10 Gray 55kg-70 lbs 121 - 154 lbs TRANS 32cm	500	120	110 - 235	0.5 sec	Plus 0	30	0.9	YES	Large Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	YES		
11 Violet 70.5-80kg 155 - 176lbs TRANS 36cm	500	120	120 - 375	0.5 sec	Plus 0	30	0.9	YES	Large Body	1.25 Bone 40% ASIR	0.625 Bone 40% ASIR	0.625 Soft 40% ASIR	YES		

12 Lavender >80kg >176 lbs TRANS 40cm	500	120	120 - 550	0.5 sec	Plus 0	30	0.9	YES	Large Body	2.5 Bone 40% ASIR	0.625 Bone 40% ASIR	2.5 Soft 40% ASIR	YES		
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