

Red Zone

PEDIATRIC BODY CT PROTOCOL

Indications ULTRA-LOW DOSE CT / Multiple Prior CT, MSK, Bone

Scout Images	AP & Lateral
KVP	80
MA	10

Scan location: determined by Pedi Radiologist
 Rate /scan delay: determined by Pedi Rad
 IV contrast: Determined by pt weight
 2cc/kg 1lb/2.2=weight in kg

Scan Series	16 Slice GE	64 Slice GE	8 Slice GE
Mode	Helical	Helical	Helical
Time	0.5 seconds	0.5 seconds	0.5 seconds
Thickness	5 mm	5 mm	5 mm
Pitch	1.375	1.375	1.35
Speed	27.5	55	13.5
Interval	5 mm	5 mm	5 mm
Gantry tilt	0	0	0
Breath hold	Inspiration if possible		
KV			
Auto MA	REFER ZONE	REFER ZONE	REFER ZONE
Noise Index			
DFOV	*****	SKIN TO SKIN	*****
ALG	*****	STANDARD	*****

Recon 2:	2.5 mm	Retro Reco: Thins	Reformats: Sag & Cor
Thickness	2.5	Thickness	1.25
Interval	2.5	Interval	0.625
ALG	Standard	ALG	Standard
Send series to PACS	Standard	ALG	Standard
Send series to PACS	Do Not send series to PACS	Send series to PACS	Send series to PACS

	Weight	Noise Index	Minimum mA	Maximum mA	kVp
BABIES	<20 lbs	8	50	100	80
CUTIES	21-60 lbs	10	50	100	100
KIDDIES	61-100 lbs	12	50	100	100
TEENIES	101-200 lbs	14	50	100	120
BIGGIES	>201 lbs	18	50	150	120

*Be sure to indicate The Zone and Patient's weight on both the patient information page of the scan, and the comments section of RIS.