

Green Zone

PEDIATRIC BODY CT PROTOCOL

Indications: LOW DOSE CT/ FOLLOW UP CT

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	0.938	0.938	0.875
Speed	18.75	39.37	17.5
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	Thickness	2
Interval	2.5	Interval	0.625	Interval	2
ALG	Standard	ALG	Standard	Window	abdomen
Send series to PACS		Do Not send series to PACS		Send series to PACS	

	Weight	Noise Index	Minimum mA	Maximum mA	kVp
BABIES	<20 lbs	7	50	100	80
CUTIES	21-60 lbs	9	60	120	100
KIDDIES	61-100 lbs	11	70	140	120
TEENIES	101-200 lbs	13	80	160	120
BIGGIES	>201 lbs	16	90	240	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.