

Grey Zone

PEDIATRIC BODY CT PROTOCOL

Indications: CT ANGIOGRAPHY

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	2.5 mm	2.5 mm	2.5 mm
Pitch	0.938	0.984	0.875
Speed	18.75	39.37	17.5
Interval	2.5	2.5 mm	2.5
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	*****

Retro Reco: Thins		Reformats: Sag & Cor	
Thickness	1.25	Thickness	2
Interval	0.625	Interval	2
ALG	Standard	ALG	soft tissue
Send series to PACS		Send series to PACS	

	Weight	Noise Index	Minimum mA	Maximum mA	kVp
BABIES	<20 lbs	5	100	200	80
CUTIES	21-60 lbs	7	120	240	100
KIDDIES	61-100 lbs	10	120	240	120
TEENIES	101-200 lbs	12	120	240	120
BIGGIES	>201 lbs	15	120	300	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.