

GREEN ZONE

PEDIATRIC CT PROTOCOL

HD 64 SLICE
GE 750HD
Jun-12

Indications: LOW DOSE / FOLLOW UP CT

SCOUTS	AP and LAT
kV	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

Mode	Helical
Time	0.5
Thickness	5 mm
Detector	64
Pitch	0.984
Speed	39.37
Interval	5 mm
Gantry Tilt	0
ALG	Std
DFOV	skin to skin
ALG	Standard
ASIR	50%
kV	refer to zone according to patient weight
Auto mA	
Noise Index	

Prosp. Recon 2: 5 mm NO ASIR

Thickness	5 mm
Interval-	5 mm
ALG	Standard
DFOV	skin to skin
ASIR	OFF

SEND series to PACS

Prosp Recon 3: 2.5 mm ASIR 60%

Thickness	2.5 mm
Interval	2.5 mm
ALG	Soft
DFOV	skin to skin
ASIR	60%

SEND series to PACS

Retro Recon: Thins for reformat

Thickness	1.25 mm
Interval	0.625 mm
ALG	Standard
ASIR	50%

Do Not Send Series to PACS

Patient weight	Noise Index	min	max	kVp
Babies: < 20 lbs	11	25	50	80
Cuties: 21 - 60 lbs	14	30	60	100
Kiddies: 61 - 100 lbs	17	40	70	120
Teenies: 101 - 200 lbs	20	50	80	120
Biggies: > 201 lbs	24	60	160	120

Reformats: Sagittal

Thickness	2
Interval	2
window	abomen

Reformats: Coronal

Thickness	2
Interval	2
window	abomen