

CT PEDIATRIC ABD AND/OR PELVIS 31-45 KG HELICAL

Application: Reason for Exam

Indications: Trauma, abdominal pain, suspected appendicitis

Region/Technique

Specific Anatomical Region: Center mid chest/supine - feet first

Scout Range/Technique: Scout: AP range 400 out 100 Kv/ 30 mA/
LAT range 400 in 100 Kv/ 50 mA

Scan Range

Above diaphragm through crest or above crest through pelvic floor

KV/mA/Time per Rotation (sec.)

100 Kv/sure exposure/0.5 sec

Exposure Control

Sure Exposure 31-45 kg

Detector Collimation (mm)

0.5mm x 80 Helical

Slice Thickness (mm)

3mm

Data Reconstruction Interval (mm)

3mm

Table speed (mm per rotation)/Pitch

PF 0.844/Pitch 27

Reconstruction factor window width/Window level

FC 18 ww 330 wl 35 Pediatric body

Additional Recon/Window/Level

FC 30 ww 2700 wl +350 Bone Sharp

Access our **Modality Protocols** site for all current protocols at:

www.MIARAD.com

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IV Contrast Volume

1ml contrast per lbs

Injection Rate

Power inject 1.5-3cc/sec

Scan Delay (sec.) or Sure Start

Scan at end of injection

Oral Contrast

Required except for acute trauma and appendicitis.

See radiopaque contrast chart for doses.

3D/Reformat Technique

Coronal and sagittal Pediatric body 3mm x 3mm

Scan FOV/Display FOV

Small/240 DFOV

Phase of Respiration

Breath hold

CTDI Threshold

N/A

Comments

N/A