

CT PEDIATRIC ABD AND/OR PELVIS LESS THAN 15 KG VOLUME

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 250 out 80 Kv/30 mA/
Lat range 250 in 80 Kv/50mA

Scan Range

Above diaphragm through chest or above crest through pelvic floor

KV/mA/Time per Rotation (sec.)

80Kv/sure exposure/0.35 sec

Exposure Control

Sure Exposure <15 kg

Detector Collimation (mm)

0.5mm Volume scan

Slice Thickness (mm)

0.5mm

Data Reconstruction Interval (mm)

0.25mm

Table speed (mm per rotation)/Pitch

N/A

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

Hand inject as IV permits

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

Axial, coronal, sagittal 3mm x 3mm Pediatric body. Axial 3mm x 3mm Bone sharp

Scan FOV/Display FOV

Small/ 240 DFOV

Phase of Respiration

N/A

CTDI Threshold

N/A

Comments

N/A