

CT PEDIATRIC ABD AND/OR PELVIS 16-30 KG HELICAL

Application: Reason for Exam

Indication: 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/30mA/
LAT range 400 in 100Kv/50mA

Scan Range

Above diaphragm through crest or above crest through pelvic floor

KV/mA/Time per Rotation (sec.)

100Kv/sure exposure/0.35 sec.

Exposure Control

Sure Exposure 16-30kg

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:

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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

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

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