

CT PEDIATRIC CHEST 15-30 KG HELICAL

Application: Reason for Exam

Indications: Trauma, pneumonia, metastatic disease, pleural effusion, cough

Region/Technique

Specific Anatomical Region: Chest- Center above apices, supine- feet first

Scout Range/Technique: Scout: AP range 350 out 100Kv/30mA/ Lat range 350 in 100Kv/30mA

Scan Range

Above apices through adrenals

KV/mA/Time per Rotation (sec.)

100kv/sure exposure/0.35 sec.

Exposure Control

Sure Exposure 16-30 kg

Detector Collimation (mm)

0.5mm x 80

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 51 ww 1600 wl -550 Pediatric lung

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

www.MIARAD.com

INTEGRITY | TEAMWORK | EXCELLENCE | SERVICE | ACCOUNTABILITY

Reviewed 6-28-24

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

N/A

3D/Reformat Technique

Coronal and sagittal 3mm x 3mm Pediatric body

Scan FOV/Display FOV

Small/ 240 DFOV

Phase of Respiration

Inspiration

CTDI Threshold

N/A

Comments

1. If ordered without contrast, perform without