

CT PEDIATRIC CHEST LESS THAN 15 KG VOLUME

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 200 out 80 Kv/30 mA/Lat range 200in 80Kv/50mA

Scan Range

Above apices through adrenals

KV/mA/Time per Rotation (sec.)

80 kv/ 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 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

Axial, coronal, sagittal 3mm x3mm Pediatric body

Axial 3mm x3mm Pediatric lung

Scan FOV/Display FOV

Small/ 240 DFOV

Phase of Respiration

N/A

CTDI Threshold

N/A

Comments

1. If ordered without contrast, perform without