

CT Scan of Chest

CT Scan of Chest

CT scan of chest ordered without contrast

CT scan done

Small child - 4mm thick, 4mm spiral sections

Large child- 8mm thick, 8mm spiral sections

CT scan done starting at thoracic inlet through bony thorax, arms over head with normal breathing.

CT scan starts with AP and lateral scout and film run to include:

Soft tissue windows

Bone windows

Lung windows

When dictated, impression should include but not limited to:

Type of Pectus excavatum

Mild

Moderate

Severe

- Hailer index and from what image measurement was taken.

Hailer index is the transverse (coronal) measurement divided by the AI' (sagittal) measurement at its deepest point.
Measurements ~3~2 arc considered severe.

- Length of the deformity
- Symmetry
- Rotation/nonrotation of sternum
- Cardiac impressions should include but not limited to the presence of the following:
 - Compression
 - Displacement
 - Distortion of shape
- Pulmonary impressions should include but not limited to:
 - Compression
 - Presence of Atelectasis
 - Distortion of shape

Skeletal (nb or vertebral) anomalies

- Other organ involvement or skeletal defects that the pectus deformity may have an effect on must also be noted.