

CT Chest Tracheomalacia

Last Updated: 9/3/2025

Name	Plane	Type	Window	Thick	Space	Scan Range
NON-CONTRAST EXAM						
SCOUT						
AX CHEST (inspiration)	Axial	MPR	Soft Tissue	2.5 mm	1.5 mm	2-3 cm above lung apices through adrenal glands
AX LUNG	Axial	MPR	Lung	2.5 mm	1.5 mm	
COR MPR	Coronal	MPR	Soft Tissue	2.5 mm	2.5 mm	
SAG MPR	Sagittal	MPR	Soft Tissue	2.5 mm	2.5 mm	
AX CHEST (expiration)	Axial	MPR	Soft Tissue	2.5 mm	1.5 mm	2-3 cm above lung apices through adrenal glands
AX LUNG	Axial	MPR	Lung	2.5 mm	1.5 mm	
COR MPR	Coronal	MPR	Soft Tissue	2.5 mm	2.5 mm	
SAG MPR	Sagittal	MPR	Soft Tissue	2.5 mm	2.5 mm	

Notes:

- Contrast: None.
- CT technologists should coach patients with breathing instructions during both the end-inspiratory and forced expiratory phases of the examination. Forced expiration is performed with the patient taking a deep inspiration and then forcibly exhaling over 3-4 seconds during the scan.
- Max effort for inspiration and expiration is key.
- Craniocaudal scan direction.