

<u>Indications</u>	<u>Protocol Name</u>
New patient with suspected interstitial lung disease, ILD, IPF, restrictive PFT	HRCT prone, inspiration, expiration
Graft vs host disease (GVHD)	HRCT prone, inspiration, expiration
Suspected tracheobronchomalacia	HRCT supine, inspiration, expiration
Suspected small airway obstructive disease	HRCT supine, inspiration, expiration
Suspected BOS in lung Tx patients	HRCT prone, inspiration, expiration
Post Covid follow-up (1st scan can be insp/exp, prone)	HRCT prone, inspiration, expiration
Follow up IPF/ILD	HRCT prone if possible, inspiration only
Suspected bronchiectasis	HRCT supine, inspiration only
Evaluation of lung nodules	HRCT supine, inspiration only or Chest wo Lung Nodule Protocol (Thin sections)
Known sarcoidosis	HRCT supine, inspiration only
Known Cystic Fibrosis	HRCT supine, inspiration only
Post Covid follow up	HRCT prone, inspiration only
Coronary Calcium Score, Evaluate Calcium Deposit	CT Coronary Calcium Score or CT Cardiac wo
Pre-Ablation Pulmonary Venous Mapping, LA Ablation	CT Cardiac w (Pulmonary Vein Mapping) (TF on Siemens Force/Alpha or Retrospectively gated on other scanners, 2min post injection cardiac delay: non-gated or TF on Siemens Force or Alpha)
Pre-op planning for TMVR, Mitral Valve	CT Cardiac w (TMVR) (Calcium score, retrospectively gated heart, TF entire chest on Siemens Force or Alpha, 2min post injection cardiac delay: non-gated or TF on Siemens Force/Alpha)(Diastolic 75%)
Pre-op planning for TAVR, Aortic Stenosis	CT Cardiac w (TAVR) (Calcium score, retrospectively gated heart, TF entire chest on Siemens Force/Alpha, 2min post injection cardiac delay: non-gated or TF)(Diastolic 75%)
Post TAVR valve thrombosis evaluation	CT Cardiac w (Post TAVR/Valve Thrombosis Protocol) (Retrospectively gated heart)
Post TAVR Optimize Pro Research	CT Cardiac w (Retrospectively gated heart, 2 min post injection cardiac delay: non-gated or TF on Siemens Force/Alpha)
Congenital heart disease, Atrial Septal Defect (ASD), Marfan Syndrome	CT Cardiac w/contrast for congenital dz (Retrospectively gated heart)
TTVR, tricuspid valve replacement ( <b>Only done at TKC</b> )	CT Cardiac w (TTVR Protocol) (Non-con gated chest, retrospectively gated cardiac, venous)
Watchman Protocol, Left Atrial Appendage (LAA)	CT Cardiac w (Watchman Protocol) (Retrospectively gated heart, 2min post injection cardiac delay: non-gated or TF on Siemens Force/Alpha)
Tendyne protocol for mitral valve replacement (MVR), percutaneous MVR, or mitral regurgitation	CT Cardiac w (Tendyne Protocol) (Non-con chest, retrospectively gated heart)
LVAD cannula position or outflow thrombus	CT Cardiac w (Retrospectively gated entire chest)
Coronary artery disease (CAD), coronary artery bypass (CABG) evaluation, Chest pain	CTA Coronary with contrast (Calcium score dependent on radiologist, retrospectively or prospectively gated heart)
Harmony protocol, Harmony valve replacement	CT Cardiac w contrast for congenital (Retrospectively gated above arch to below heart)
Endocarditis	Consult Cardiac Radiologist
Aortic aneurysm (Chest only)	CT Angio Chest wo/w (Non-con, Prospective-gated entire chest or <b>Turbo Flash Gated on Siemen Force/Alpha</b> )
Known aortic aneurysm, follow up aortic aneurysm	CTA Angio Chest wo/w (Prospectively-gated entire chest or <b>Turbo Flash Gated on Siemen Force/Alpha</b> )
Aortic aneurysm (Chest only)	CTA Gated Chest Aortic Aneurysm (Prospective-gated entire chest, can be <b>Turbo Flash Gated on Siemen Force/Alpha</b> )
Aortic dissection	CT Angio Chest wo/w (Non-con, Arterial: prospectively gated or TF entire chest on Siemen Force/Alpha, if ordered with AP retrospective-gated entire CAP or <b>Turbo Flash Gated on Siemen Force/Alpha</b> )
AAA	CT Angio Chest wo/w (AAA Protocol: non-con, arterial or <b>Turbo Flash Gated on Siemen Force/Alpha</b> )

AAA Post Stent Protocol or Thoracic post stent	CT Angio Chest wo/w (AAA Post Stent Protocol: non-con, arterial Turbo Flash Gated on Siemen Force/Alpha, venous)
Intramural hematoma	CT Angio Chest wo/w (Non-con, arterial)
PE, PTE, pulmonary thrombus, elevated d-dimer	CT Angio Chest wo/w (PTE Protocol, DE or TF)
Hemoptysis	CT Angio Chest wo/w (Arterial ROI: Asc Aorta)
Evaluate pulmonary hypertension	Consult Radiologist
LVAD drive line infection or leak	CT Angio Chest wo/w (Arterial)
LVAD kink	CT Angio Chest wo/w (Arterial, ROI: Descending aorta)
Aortic esctasia	CT Angio Chest wo/w (Arterial)
Aortic root dilation, evaluation, and measurement. Ascending aortic pathology	CT Angio Chest wo/w (Prospectively gated arterial on non Siemen Force scanner, TF on Siemen Force)
TOS (Thoracic outlet syndrome)	CT Angio Chest wo/w (TF arterial on Siemen Force/Alpha, venous above shoulder to carina )
Pulmonary shunting, pulmonary AVM	CT Angio Chest wo/w (Arterial, timed as PTE CTAs)
Lima and Rima indication	CT Angio Chest wo/w (Arterial, ROI: Ascending aorta)
Septic Emboli	Consult Radiologist
Aortic Ulcer	CT Angio Chest wo/w (Non con, arterial)
Subclavian steal stenosis, subclavian steal syndrome	CT Angio Chest (arterial, ROI: Descending aorta)
Cough, shortness of breath (SOB), cancer work up, pnuemonia, abscess, effusion	CT Chest w or CT Chest wo (Contrasted study is preferred unless there are contraindication)
Evaluate for thrombus/stenosis of SVC or Brachiocephalic veins	CT Chest w (Chest Venogram/Venography 60sec delay post injection)
Pleural effusion	CT Chest wo or CT Chest w (Contrasted study is preferred unless there are contraindication)
Infection	CT Chest wo or CT Chest w (Contrasted study is preferred unless there are contraindication)
Pleural effusion, chest pain	CT Chest wo or CT Chest w (Contrasted study is preferred unless there are contraindication)
Cough, shortness of breath (SOB), cancer work up, pnuemonia, abscess, effusion	CT Chest wo or CT Chest w (Contrasted study is preferred unless there are contraindication)
Lung Nodules	CT Chest wo (Thin sections) or CT Chest wo Lung Nodule Protocol
Ion Protocol, to be done before bronchoscopy procedure.	CT Chest wo
Atelectasis	CT Chest wo