

**CTA Chest Pulmonary Embolism**

Protocol Updated: 12/2025

| Name   | Plane    | Type | Window      | Thick  | Space  | Scan Range                                      |
|--|----------|------|-------------|--------|--------|---|
| SCOUT  |          |      |             |        |        |   |
| <b>Inject contrast - Smart prep over pulmonary trunk. Trigger at 50 HU</b> |          |      |             |        |        |   |
| AX CHEST   | Axial    | MPR  | Soft Tissue | 2.5 mm | 2.5 mm | 2-3 cm above lung apices through adrenal glands |
| AXIAL LUNG   | Axial    | MPR  | Lung        | 2.5 mm | 2.5 mm |   |
| COR MIP  | Coronal  | MIP  | Soft Tissue | 2 mm   | 2 mm   |   |
| SAG MIP  | Sagittal | MIP  | Soft Tissue | 5 mm   | 3 mm   |   |

**Notes:**

- Contrast: Per site, 100 cc, Smart prep over pulmonary trunk. Trigger at 50 HU.
- Craniocaudal scan direction