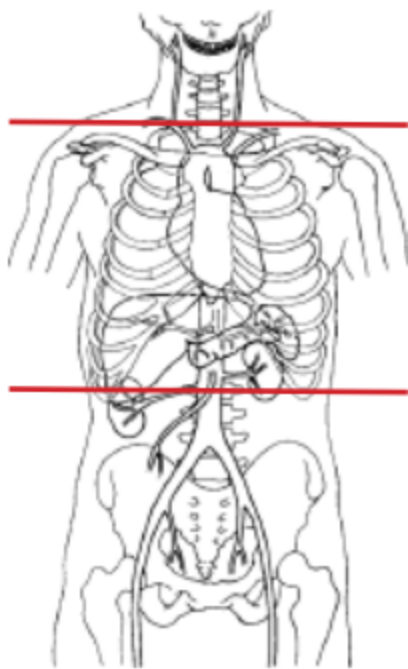


## CTA CHEST (PE Protocol)



<b>Indications</b>	<b>SOB, Pulmonary emboli</b>
Patient Position	Supine
Contrast	100 mL
Injection rate	<b>3.5 mL/sec minimum 20 g prefer 18 g</b>
Respiration	Breath- hold
Scan Parameters	just above lung apices through adrenals
Special instructions	<u>Place ALL PE studies in STAT priority in PACS</u>

**\*\* If your scanner cannot perform 2.5 mm slices, scan at 2.0 mm slices rather than 3.0 mm.**

<b>PLANE</b>	<b>ALGORITHM</b>	<b>THICKNESS</b>	<b>INTERVAL</b>	<b>DFOV</b>	<b>REFORMATS</b>
Axial + C	Mediastinum	2.5 mm **		pt largest + 4 cm	
Axial +C	Lung	2.5 mm			X
Axial + C	MIP	8.0 mm	3.0mm		X
Sagittal + C	MPR	2.5 mm	2.5 mm		X
Coronal + C	MPR	2.5 mm	2.5 mm		X
Sagittal +C	MIP	8.0 mm	5.0 mm		X
Coronal +C	MIP	8.0 mm	5.0 mm		X

### **NOTES:**

- Follow GFR and Metformin protocols for contrast studies
- LMP on patients of child-bearing age
- Shield children when possible