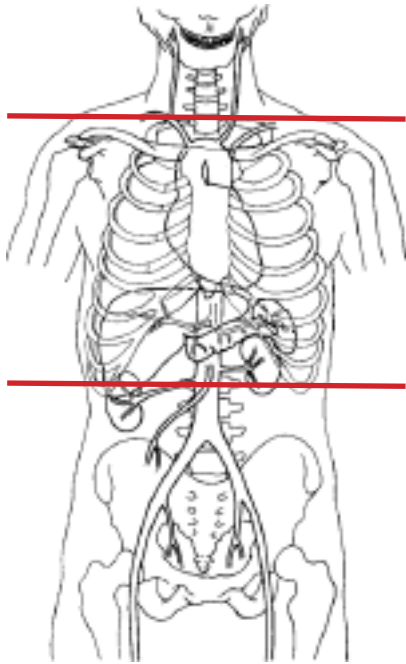


### CT Chest Without and With IV Contrast



<b>Pt Position</b>	Supine
<b>Contrast</b>	100 mL
<b>Injection Rate</b>	2.5 mL/sec minimum 22g
<b>Respiration</b>	Breath - hold
<b>Aquisition Specs</b>	Appropriate to achieve images as specified in the following tables
- Lung apices thru adrenals	
<b>This exam must be approved by a radiologist prior to scanning</b>	

Topogram (Scout)					
PLANE	ALGORITHM	THICKNESS	INTERVAL	DFOV	
Axial	Mediastinum	5.0 mm		pt largest + 4cm	
Axial +C	Mediastinum	5.0 mm		pt largest + 4cm	
Axial +C	Lung	5.0 mm		pt largest + 4 cm	
Sagittal +C	Abdomen	5.0 mm		pt largest + 4cm	reformats
Coronal +C	Abdomen	5.0 mm		pt largest + 4cm	reformats
Axial +C	MIP	8.0 mm	3.0 mm	pt largest + 4cm	
<b>Include Axial MIPs on all chest CTs</b>					

**NOTES:**

- Use at least 22g needle
- Follow GFR and Metformin protocols for contrast studies
- LMP on pts of child-bearing age
- Shield children when possible