

**Chest without Contrast**

Siemens Flash

Application Examples: Pulmonary nodule

*Technical Factors*

Breath Hold	Inspiration
Scan Type	Spiral
Detector Collimator	Acq 128 x 0.6 mm
X-Care	On
Care kV	On / 120 kV
Care Dose 4D	On / 65 mAs
Rotation Time (seconds)	0.28
Pitch	0.6
Typical CTDIvol	4.40 mGy ± 50%

Topogram: Lateral and AP, 512 mm

<b>Chest</b>	<b>Recon Type</b>	<b>Width / Increment</b>	<b>Algorithm</b>	<b>Safire</b>	<b>Window</b>	<b>Series Description</b>	<b>Networking</b>	<b>Post Processing</b>
<b>Recon 1</b>	Axial	5 x 5	I41f	2	Mediastinum	AXIAL	PACS	None
<b>Recon 2</b>	Axial	2 x 2	I70f	2	Lung	AXIAL LUNG	PACS	None
<b>Recon 3</b>	3D:COR	3 x 3	I41f	2	Mediastinum	COR	PACS	Coronal MPR
<b>Recon 4</b>	3D:SAG	3 x 3	I41f	2	Mediastinum	SAG	PACS	Sagittal MPR
<b>Recon 5</b>	3D: COR	8 x 5	I40f	2	Lung	COR MIP	PACS	Coronal MIP
<b>Recon 6</b>	3D: AXIAL	8 x 5	I40f	2	Lung	AXIAL MIP	PACS	Axial MIP
<b>Recon 7</b>	Axial	1.0 x 0.8	I31f	2	Mediastinum	AXIAL 1.0 x 0.8 STND	TeraRecon	None

**Patient Position:** Patient lying supine with arms above head and lower legs supported.**Scan Range:** Lung apices through adrenal glands.**Recons and Reformations:** Set recon 2 begin and end points to include *lungs only*. If indication is for follow up aortic aneurysm, create oblique “candy cane” view.