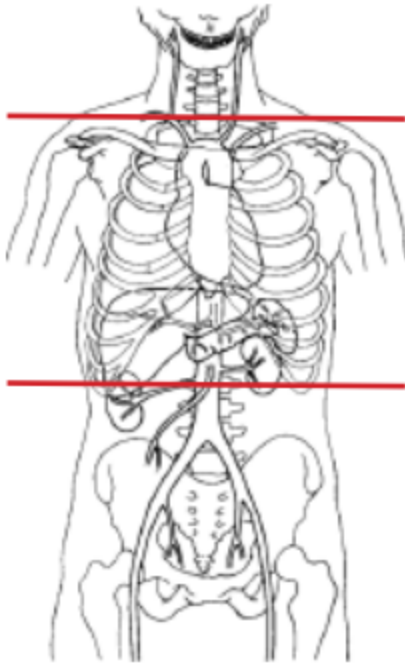


## CT CHEST Without Contrast (Low dose lung screening-LDCT)



<b>Indications</b>	Patient age 50-80 (private insurance), Patient age 50-77 (Medicare), greater than 20 pack year history of smoking, current smoker or quit within last 15 years, no acute signs / symptoms of lung cancer.
	Cigar & non-cigarette smoking does NOT qualify.
<b>Patient Position</b>	Supine
<b>Contrast</b>	NONE
<b>Injection rate</b>	NONE
<b>Respiration</b>	Breath- hold
<b>Scan Parameters</b>	just above lung apices through adrenals
<b>Special note</b>	Preferred slice thickness & interval is listed below. Minimum 3/3mm scan & 1/1 mm reformats for scanner limitations.

PLANE	ALGORITHM	THICKNESS	INTERVAL	DFOV	REFORMATS
Axial	Mediastinum	1.25 mm	1.25 mm	pt largest + 4 cm	
Axial	Lung	1.25 mm	1.25 mm		X
Sagittal	Mediastinum	0.625 mm	0.625 mm		X
Coronal	Mediastinum	0.625 mm	0.625 mm		X
Axial	MIP	8.0 mm	3.0 mm		X



**NOTES:**

- LMP on pts of child-bearing age
- Shield children when possible