

CT Chest- Dry Lung Screening Small
Maximum CTDI 25

GE-5008

Indication: Lung cancer screening. Must meet US Preventative Task Force criteria.
Must include in patient history current smoking status, and number of pack years.
This information is found in the note as entered by the Navigator in the chart.

PT Prep: No oral contrast
 No IV contrast

Series 1: Scouts AP & LAT – Supine “O” at Sternal Notch S100 to I400

Series 2: Scan from lung apices to L2.
 Helical scan superior to inferior, apex of lungs to L2 in a **Lung** algorithm

Technique:

	750 HD (128) CT2	Optima 660 (32) OVIC	Optima 660 CT1	VCT 64 CT3
Noise Level	16.10	14.00	14.00	14.00
Interval	2.5mm	2.5mm	2.5mm	2.5mm
Axial/Helical Thickness	2.5mm	2.5mm	2.5mm	2.5mm
Pitch	1.375:1	1.375:1	1.375:1	1.375:1
Speed mm/rotation	55	55	55	55
Detector Rows	64	32	64	64
Detector Configuration		32 x 1.25	64 x 0.625	64 x 0.625
Beam Collimation	40mm	40mm	40mm	40mm
KV/mA	100KV /40mA	100KV/40mA	100KV/40mA	100KV/40mA
Scan Type	Helical Full 0.7	Helical Full 0.5	Helical Full 0.5	Helical Full 0.5

Networking/ PACs: Send scouts
 Send series 2 Lung algorithm 2.5mm
 Recon and send axial images in Soft Tissue and bone algorithm
 Recon and send MPR in lung algorithm
 Recon and send axial MIPS

Original Date: 4-8-04

Approved by: Dr. Songmen, MCR

Revised Date: 11/9/04, 1/11/10, 9/16/10, 12/8/10, 04/17/13, 12/15/15, 2/22/18, 07/27/21, 1/30/24
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Record DLP in PACS comments

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