

# CT Chest- Dry SUPER “D”

## Maximum CTDI 25

GE- 5005

Indication:

PT Prep: No oral contrast  
No IV contrast

Series 1: Scouts AP & LAT – Supine “O” at Sternal Notch S20 to I350

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

Technique:

	<b>128 slice</b>	<b>32 slice w/ASIR</b>	<b>64 slice</b>	<b>64 slice w/ASIR 30%</b>
Noise Level	13.30	14.00	14.00	14.00
Interval	5mm	5mm	5mm	5mm
Axial/Helical Thickness	5mm	5mm	5mm	5mm
Pitch	1.375:1	1.375:1	0.984:1	0.938:1
Speed mm/rotation	55.00	55.00	39.37	18.75
Detector Rows				
Detector Configuration				64 x 0.625
Beam Collimation	40mm	40mm	40mm	40mm
Kv/mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA
Scan Type	Helical Full 0.7	Helical Full 1.0	Helical Full 1.0	Helical Full 1.0

Networking/ PACs: Send scouts  
Send series 2 Lung algorithm **recon at 1.25m x 0.625**  
Send series 3 Standard algorithm **recon at 1.25mm x 0.625**  
Recon and send MPR images in axial in a Lung algorithm  
Record DLP in PACS comments

Original Date: 4-8-04

Approved by: Dr. Reh fuss , MCR

Revised Date: 11-9-04, 1-11-10, 9-16-10 12/8/10 04/17/13 12/15/2015 2/27/18

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