CT Chest- Dry SUPER "D"
GE- 5005
Maximum CTDI 25

Indication: Super Dimension is a navigational protocol used to perform Navigational Bronchoscopy

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:

	750 HD (128) CT2	Optima 660 OVIC	Optima 660 CT1	VCT 64 CT3
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** <mark>**1.25m x 0.625**</mark>
Send series 3 Standard algorithm **recon at** <mark>**1.25mm x 0.625**</mark>
Recon and send MPR images in axial in a Lung algorithm
Record DLP in PACS comments

Original Date: 4-8-04   Approved by: Dr. Songmen , MCR
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