

Quantum Imaging and Therapeutic Associates

Chest (Lung Cancer Screening) – Toshiba Aquilion One / 64

Indications	Lung cancer screening
Position / Landmark	Supine / Sternal notch
Scan Type	Helical
Start / End Location	Lung apices to lung bases
FOV	38 cm (or as small as feasible)
kV / mA	120 kV / (70/100/130) mA*
Slice Thickness/Interval	2 mm x 2 mm
IV Contrast Volume / Rate	None
Scan Delay / Sure Start	None
Oral Contrast	None
MPR	Coronal and sagittal 2 mm x 2 mm Axial lung kernel MIP 12 mm x 3 mm
Images to PACS	Scouts, axial soft tissue, axial lung, MPR
Comments / Special	*mA settings to obtain 40/60/80 mAs for small to medium/large/extra large patients