

PETCT_Lung.Adult_PET4

11. januar 2013

Indhold

1	Topogram	1
1.1	Routine	1
1.2	Scan	1
2	CT Lung	1
2.1	Routine	1
2.2	Scan	2
2.3	Recons	2
2.3.1	Recon 1	2
2.3.2	Recon 2	3
2.3.3	Recon 3	4
2.3.4	Recon 4	4
3	Pause	5
4	PET Lung	5
4.1	Routine	5
4.2	Scan	5
4.3	Recons	6
4.3.1	Recon 1	6

1 Topogram

1.1 Routine

- mA: 35
- kV: 120
- Topogram length: 768 mm
- Tube position: Top

1.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 768 mm
- Direction: Craniocaudal
- Tube position: Top
- API: API
- Kernel: 80
- Window: Topogram

2 CT Lung

2.1 Routine

- Eff. mAs: 120
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDIvol: 9.12mGy

- Scan time: 7.250 s
- Delay: 2.000 s
- Slice: 5 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

2.2 Scan

- Quality ref. mAs: 120
- Eff. mAs: 120
- kV: 120
- Scan time: 7.250 s
- Rotation time: 0.500 s
- Delay: 2.000 s
- Slice: 5 mm
- Pitch: 1.40
- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: tmp CT Lung RTD
- Slice: 5
- Kernel: B19f
- Window: Mediastinum
- Extended FoV: Off
- FoV: 500
- Center X: 0

- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 5.000
- No. of images: 70

2.3.2 Recon 2

- Series description: AC CT Lung
- Slice: 5
- Kernel: B19f
- Window: Mediastinum
- Extended FoV: On
- FoV: 780
- Center X: 0
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 3.000
- No. of images: 116

2.3.3 Recon 3

- Series description: CT Lung 2.0 B31f
- Slice: 2
- Kernel: B31f
- Window: Mediastinum
- Extended FoV: Off
- FoV: 300
- Center X: 0
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 1.500
- No. of images: 232

2.3.4 Recon 4

- Series description: CT LUNG 2.0 B70f
- Slice: 2
- Kernel: B70f
- Window: Lung
- Extended FoV: Off
- FoV: 300
- Center X: 0
- Center Y: 0

- Mirroring: None
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 1.500
- No. of images: 232

3 Pause

4 PET Lung

4.1 Routine

- Isotope: F-18
- Pharm.: Fluorodeoxyglucose
- Inj. Dose: 370000000 Bequerels
- Inj. date (date/month - year): 02/10 - 2008
- Inj. time: 08:48:06
- Scan mode: Sinogram
- Scan range:
- No. of beds: Not given. Check recon range
- Scan duration/bed: 2.000000 Minutes

4.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram

- Sinogram mode: false
- Input trigger signal: None
- LLD (keV): n/a
- ULD (keV): n/a

4.3 Recons

4.3.1 Recon 1

- Series description: PET Lung
- Recon range (bed): 1 to 2
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 2
- Subsets: 24
- Image size: 200
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off ()
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off