PETCT_Lung_LM.MlAdult_PET6

30. maj 2013

Indhold

1   Topogram

1.1   Routine

- mA: 35
- kV: 120
- Topogram length: 512 mm
- Tube position: Top

1.2   Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 512 mm
- Direction: Craniocaudal
- Tube position: Top
- API: None
- Kernel: 80s shar
- Window: Topogram Body

2   CT Lung

2.1   Routine

- Eff. mAs: 120
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDlvol: 9.18517mGy
- Scan time: 4.920 s
- Delay: 4.000 s
- Slice: 5.00 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: 4.920 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 5.00 mm
- Pitch: 1.4000000

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: tmp CT Lung RTD
- Slice: 3.00
- Kernel: B19f PET very smooth
- Window: Mediastinum
- Extended FoV: On
- FoV: 700
- Center X: 0
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 13.500
- No. of images: 18

2.3.2 Recon 2

- Series description: AC CT
- Slice: 5.00
- Kernel: B19f PET very smooth
- Window: Mediastinum
- Extended FoV: On
- FoV: 700
- 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: 74

2.3.3 Recon 3

- Series description: CT Lung 2.0 B31f
- Slice: 2.00
- Kernel: B31f medium smooth +
- 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: 148

2.3.4 Recon 4

- Series description: CT Lung 2.0 B70f
- Slice: 2.00
- Kernel: B70f very sharp
- 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: 148

3 Pause

4 PET Lung LM

4.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 10 Millicuries
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 10 Minutes

4.2 Scan

- Autoload: On

- Rebinner LUT: Off
- Scan output: List mode
- Sinogram mode: Trues
- Input trigger signal: Resp
- LLD (keV): 435
- ULD (keV): 650

4.3 Recons

4.3.1 Recon 1

- Series description: PET Lung
- Recon range (bed): -1 to -1
- Output image type: NoRecon
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off