PETCT_Lung_LM.Adult_PET4

23. januar 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: API

- Kernel: 80

- Window: Topogram

2 CT Lung

2.1 Routine

- Eff. mAs: 120

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 9.12mGy

- Scan time: 4.980 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: 4.980 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: 46

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: 76

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: 151

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: 151

3 Pause

4 PET Lung LM

4.1 Routine

- Isotope: F-18

- Pharm.: Fluorodeoxyglucose

- Inj. Dose: 370000000 Bequerels

- Scan mode: List mode

- Scan range: Do not match CT FOV

- No. of beds: Not given. Check recon range

- Scan duration/bed: 10.000000 Minutes

4.2 Scan

- Autoload: Off

- Rebinner LUT: Off

- Scan output: List mode

- Sinogram mode: true

- Input trigger signal: Resp

- LLD (keV): n/a

- ULD (keV): n/a

4.3 Recons

4.3.1 Recon 1

- Series description: Lung LM

- Recon range (bed): 1 to 1

- Output image type: Uncorrected

- Recon method: Iterative3D

- Iterations: 4

- Subsets: 12

- Image size: 400

- 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