3_PET_CT_Brain_LM_C11PIB.Adult_PET4

23. januar 2013

Indhold

1   Topogram

1.1   Routine

- mA: 35

- kV: 120

- Topogram length: 256 mm

- Tube position: Lateral

1.2   Scan

- mA: 35

- kV: 120

- Delay: 4s

- Topogram length: 256 mm

- Direction: Craniocaudal

- Tube position: Lateral

- API: API

- Kernel: 20

- Window: Topogram

2   Lav CT Brain

2.1   Routine

- Eff. mAs: 32

- kV: 120

- CARE Dose4D: Off

- CareDoseType: CareDoseAEC

- CTDlvol: 5.69782mGy

- Scan time: 17.570 s

- Delay: 2.000 s

- Slice: 3 mm

- No. of images: Samme som i foerste recon, slet?(y/n)

- Tilt: 0.0 grader

2.2   Scan

- Quality ref. mAs: 350

- Eff. mAs: 32

- kV: 120

- Scan time: 17.570 s

- Rotation time: 0.500 s

- Delay: 2.000 s

- Slice: 3 mm

- Pitch: 0.55

- Direction: Caudocranial

2.3   Recons

2.3.1   Recon 1

- Series description: tmp Lav CT Brain RTD

- Slice: 4

- Kernel: H31f

- Window: Cerebrum

- 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: Caudocranial

- Recon increment: 4.000

- No. of images: 56

2.3.2 Recon 2

- Series description: AC CT

- Slice: 3

- Kernel: H31f

- Window: Cerebrum

- 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: Caudocranial

- Recon increment: 3.000

- No. of images: 74

3   Pause

4   PET Brain LM

4.1   Routine

- Isotope: C-11

- Pharm.: C11-PIB

- Inj. Dose: 185000000 Bequerels

- Scan mode: List mode

- Scan range: Do not match CT FOV

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

- Scan duration/bed: 30.000000 Minutes

4.2   Scan

- Autoload: Off

- Rebinner LUT: Off

- Scan output: List mode

- 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: Brain 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: Off

- Match CT slice location: Off

- Save intermediate data: Off