21_PET_AC_Brain_LM_ACI.MlAdult

27. september 2012

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: None
- Kernel: T80s sharp
- Window: Topogram Body

2 CT WB

2.1 Routine

- Eff. mAs: 55
- kV: 18
- CARE Dose4D: On
- CTDlvol: 3.71345mGy
- Scan time: 0.8000000 s

- Delay: 4.000 s

- Slice: 5.00 mm

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

- Tilt: 55 grader

2.2   Scan

- Quality ref. mAs: 55

- Eff. mAs: 55

- kV: 120

- Scan time: 18.670 s

- Rotation time: 0.500 s

- Delay: 4.000 s

- Slice: 0.6 mm

- Pitch: 0.8000000

- Direction: Craniocaudal

2.3   Recon

2.3.1   Recon 1

- Series description: AC CT efov 700

- Slice: 5.00

- Kernel: "B19f PET very smooth"

- Window: "Cerebrum"

- 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: 274

2.3.2   Recon 2

- Series description: AC CT fov 500

- Slice: 5.00

- Kernel: "B19f PET very smooth"

- Window: "Cerebrum"

- 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: 3.000

- No. of images: 274

3 Pause

4 PET WB

4.1 Routine

- Isotope: F-18

- Pharm.: Florbetaben

- Inj. Dose: 300 MegaBequerels

- Inj. date (date/month - year): 13/01 - 2011

- Inj. time: 09:12:00

- Scan mode: List mode

- Scan range: Match CT FOV

- No. of beds: 1

- Scan duration/bed: 20 PtMinute

4.2 Scan

- Autoload: On

- Rebinner LUT: Off

- Scan output: List mode

- Sinogram mode: Trues

- Input trigger signal: None

- LLD (keV): 435

- ULD (keV): 650

4.3 Recon

4.3.1 Recon 1

- Series description: PET Brain 1 Corrected

- Recon range (bed): ups..

- Output image type: NoRecon

- Recon method: Iterative

- Iterations: 4

- Subsets: 14

- Image size: 128

- Zoom: 2

- 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