4_3_PET_AC_LM_FET_Brain.Adult

22. oktober 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: API
- Kernel: 20
- Window: Topogram

2 Lavdosis CT

2.1 Routine

- Eff. mAs: 30
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 5.124mGy

- Scan time: 26.200 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: 30

- kV: 120

- Scan time: 26.200 s

- Rotation time: 1.000 s

- Delay: 2.000 s

- Slice: 3 mm

- Pitch: 1.50

- Direction: Caudocranial

2.3   Recons

2.3.1   Recon 1

- Series description: tmp Lavdosis CT RTD

- Slice: 5

- Kernel: H19s

- Window: Cerebrum

- Extended FoV: false

- 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: 5.000

- No. of images: 45

2.3.2 Recon 2

- Series description: AC Lavdosis CT

- Slice: 3

- Kernel: H19s

- Window: Cerebrum

- Extended FoV: false

- 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: F-18

- Pharm.: FET

- Inj. Dose: 185000000.0 Bequerels

- Inj. date (date/month - year): 19/12 - 2011

- Inj. time: 15:31:35

- Scan mode: List mode

- Scan range: Match CT FOV

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

- Scan duration/bed: 20.000000 Minutes

4.2 Scan

- Autoload: false

- Rebinner LUT: N/A

- 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: FET stat 1 mm

- Recon range (bed): 1 to 1

- Output image type: Corrected

- Recon method: Iterative3D

- Iterations: 4

- Subsets: 12

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 1.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: true

- Match CT slice location: true

- Save intermediate data: false

4.3.2   Recon 2

- Series description: FET stat 5 mm

- Recon range (bed): 1 to 1

- Output image type: Corrected

- Recon method: Iterative3D

- Iterations: 4

- Subsets: 12

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 5.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: true

- Match CT slice location: true

- Save intermediate data: false

4.3.3   Recon 3

- Series description: FET stat 4Fdyn 5 mm

- Recon range (bed): 1 to 1

- Output image type: Corrected

- Recon method: Iterative3D

- Iterations: 4

- Subsets: 12

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 5.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: true

- Match CT slice location: true

- Save intermediate data: false