4_4_PET_CT_LM_FET_Brain_Terapi_DYN.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 CT Brain

2.1 Routine

- Eff. mAs: 340
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 58.072mGy

- Scan time: 48.120 s
- Delay: 2.000 s
- Slice: 1 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: 340
- kV: 120
- Scan time: 48.120 s
- Rotation time: 1.000 s
- Delay: 2.000 s
- Slice: 1 mm
- Pitch: 0.80
- Direction: Caudocranial

2.3 Recons

2.3.1 Recon 1

- Series description: tmp CT Brain 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 CT 1mm Brain
- Slice: 1
- 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: 1.000
- No. of images: 224

2.3.3 Recon 3

- Series description: CT 3.0mm Brain H31s
- Slice: 3
- Kernel: H31s
- Window: Cerebrum
- Extended FoV: false
- FoV: 250
- 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: 75

2.3.4 Recon 4

- Series description: AC CT8mm Brain
- Slice: 8
- Kernel: H31s
- 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: 8.000
- No. of images: 28

3 Pause

4 PET Brain LM

4.1 Routine

- Isotope: F-18
- Pharm.: FET
- Inj. Dose: 205000000.000000 Bequerels
- Inj. date (date/month - year): 19/09 - 2012
- Inj. time: 12:52:55
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: Not given. Check recon range
- Scan duration/bed: 40.000000 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 dyn 20-40 5mm CT3mm
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 12
- Image size: 400
- Zoom: 2.500000
- Filter: Gaussian
- FWHM (mm): 5.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (2)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

4.3.2 Recon 2

- Series description: FET dyn 10-30min 5mm CT8mm
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 12
- Image size: 400
- Zoom: 2.500000
- Filter: Gaussian
- FWHM (mm): 5.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (3)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

4.3.3 Recon 3

- Series description: FET 8Fdyn 5 mm CT3mm 4
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 12
- Image size: 400

- Zoom: 2.500000
- Filter: Gaussian
- FWHM (mm): 5.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (2)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

4.3.4 Recon 4

- Series description: FET 22Fdyn 5 mm CT3mm 4
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 12
- Image size: 400
- Zoom: 2.500000
- Filter: Gaussian
- FWHM (mm): 5.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (2)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

4.3.5 Recon 5

- Series description: FET dyn 25-35 5mm CT3mm
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 12
- Image size: 400
- Zoom: 2.500000
- Filter: Gaussian
- FWHM (mm): 5.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (2)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false