

PETCT_Brain_UltraHD.Adult_PET4

11. januar 2013

Indhold

| | | |
|----------|-------------------|----------|
| 1 | Topogram | 1 |
| 1.1 | Routine | 1 |
| 1.2 | Scan | 1 |
| 2 | CT Brain | 1 |
| 2.1 | Routine | 1 |
| 2.2 | Scan | 2 |
| 2.3 | Recons | 2 |
| 2.3.1 | Recon 1 | 2 |
| 2.3.2 | Recon 2 | 3 |
| 2.3.3 | Recon 3 | 4 |
| 3 | Pause | 4 |
| 4 | PET Brain | 4 |
| 4.1 | Routine | 4 |
| 4.2 | Scan | 5 |
| 4.3 | Recons | 5 |
| 4.3.1 | Recon 1 | 5 |

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: 68.730 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: 340
- kV: 120
- Scan time: 68.730 s
- Rotation time: 1.000 s
- Delay: 2.000 s
- Slice: 3 mm
- Pitch: 0.55
- Direction: Caudocranial

2.3 Recons

2.3.1 Recon 1

- Series description: tmp CT Brain RTD
- Slice: 5
- Kernel: H19s
- 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: 5.000
- No. of images: 45

2.3.2 Recon 2

- Series description: AC CT Brain
- Slice: 3
- Kernel: H19s
- 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: 1.500
- No. of images: 148

2.3.3 Recon 3

- Series description: CT Brain 3.0 H31s
- Slice: 3
- Kernel: H31s
- Window: Cerebrum
- Extended FoV: Off
- 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: 1.500
- No. of images: 148

3 Pause

4 PET Brain

4.1 Routine

- Isotope: F-18
- Pharm.: Fluorodeoxyglucose
- Inj. Dose: 185000000 Bequerels
- Inj. date (date/month - year): 02/10 - 2008
- Inj. time: 06:57:53

- Scan mode: Sinogram
- Scan range:
- No. of beds: Not given. Check recon range
- Scan duration/bed: 5.000000 Minutes

4.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- 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: PET Brain
- Recon range (bed): Automatic/All/dunno
- Output image type: Corrected
- Recon method: TrueXTOF
- Iterations: 2
- Subsets: 21
- Image size: 400
- Zoom: 2.000000
- Filter: Gaussian
- FWHM (mm): 2.000000

- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off ()
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off