PETCT_WholeBody_TEST.MlAdult_PET6

30. maj 2013

Indhold

1 Topogram

1.1 Routine

- mA: 36
- kV: 140
- Topogram length: 1536 mm
- Tube position: Bottom

1.2 Scan

- mA: 36
- kV: 140
- Delay: 4s
- Topogram length: 1536 mm
- Direction: Caudocranial
- Tube position: Bottom
- API: None
- Kernel: 80s shar
- Window: Spine

2 CT WB

2.1 Routine

- Eff. mAs: 170
- kV: 100
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDlvol: 6.65856mGy
- Scan time: 17.580 s
- Delay: 5.000 s
- Slice: 8.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

2.2 Scan

- Quality ref. mAs: 170
- Eff. mAs: 170
- kV: 100
- Scan time: 17.580 s
- Rotation time: 0.500 s
- Delay: 5.000 s
- Slice: 8.00 mm
- Pitch: 0.8500000

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: CT WB 1
- Slice: 8.00
- Kernel: B19f PET very smooth
- Window: Larynx
- Extended FoV: On
- FoV: 700
- Center X: 0
- Center Y: 0
- Mirroring: LeftRight
- Extended CT scale: Extended
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 8.000
- No. of images: 103

2.3.2 Recon 2

- Series description: CT WB 2
- Slice: 8.00
- Kernel: B30f medium smooth
- Window: Abdomen
- 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: 8.000
- No. of images: 103

3 Pause

4 PET WB

4.1 Routine

- Isotope: Cu-64

- Pharm.: Liquid Solution
- Inj. Dose: 10 Microcuries
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 3 Seconds

4.2   Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: List mode
- Sinogram mode: Trues
- Input trigger signal: ECG
- LLD (keV): 435
- ULD (keV): 650

4.3   Recons

4.3.1   Recon 1

- Series description: PET WB
- Recon range (bed): -1 to -1
- Output image type: NoRecon
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- 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

4.3.2   Recon 2

- Series description: PET WB Uncorrected
- Recon range (bed): -1 to -1
- Output image type: NoRecon
- Recon method: Iterative
- Iterations: 4
- Subsets: 8

- Image size: 168
- Zoom: 1
- 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