8_PET_Cardiac_18F_FDG_LM_Resp_Gating.MlAdult_PET6

7. marts 2013

Indhold

1 Topogram

1.1 Routine

- mA: 35
- kV: 120
- Topogram length: 512 mm
- Tube position: Top

1.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 512 mm
- Direction: Craniocaudal
- Tube position: Top
- API: None
- Kernel: 80s shar
- Window: Topogram Body

2 Lav CT Card

2.1 Routine

- Eff. mAs: 11
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 0.7414mGy
- Scan time: 3.360 s
- Delay: 4.000 s
- Slice: 3.00 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: 11
- kV: 120
- Scan time: 3.360 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 1.5000000

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: AC CT FDG
- Slice: 3.00
- Kernel: B18f very smooth
- Window: Abdomen
- 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: 2.000
- No. of images: 111

3 Pause

4 PET Card LM

4.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 300 MegaBequerels
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 15 Minutes

4.2 Scan

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

4.3 Recons

4.3.1 Recon 1

- Series description: PET Card FDG
- Recon range (bed): -1 to -1
- Output image type: NoRecon
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 2.2
- Filter: Gaussian
- FWHM (mm): 10
- Offset X: 3 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off