8_PET_Cardiac_LM_Rb82.MlAdult_PET6

20. februar 2013

Indhold

1 Topogram

1.1 Routine

- mA: 35
- kV: 120
- Topogram length: 256 mm
- Tube position: Top

1.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 256 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 NH3

- Slice: 3.00

- Kernel: B18f very smooth

- Window: Mediastinum

- 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 Rest LM

4.1 Routine

- Isotope: Rb-82

- Pharm.: Liquid Solution

- Inj. Dose: 1100 MegaBequerels

- Scan mode: List mode

- Scan range: Match CT FOV

- No. of beds: 1

- Scan duration/bed: 7 Minutes

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 Cardiac Rb82 Rest

- Recon range (bed): -1 to -1

- Output image type: NoRecon

- Recon method: Iterative

- Iterations: 4

- Subsets: 8

- Image size: 168

- Zoom: 2

- Filter: Gaussian

- FWHM (mm): 2

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

5 Pause

6 PET StressLM

6.1 Routine

- Isotope: Rb-82

- Pharm.: Liquid Solution

- Inj. Dose: 1100 MegaBequerels

- Scan mode: List mode

- Scan range: Match CT FOV

- No. of beds: 1

- Scan duration/bed: 10 Minutes

6.2 Scan

- Autoload: On

- Rebinner LUT: Off

- Scan output: List mode

- Sinogram mode: Trues

- Input trigger signal: ECG

- LLD (keV): 435

- ULD (keV): 650

6.3 Recons

6.3.1 Recon 1

- Series description: PET Cardiac Rb82 Stress

- Recon range (bed): -1 to -1

- Output image type: NoRecon

- Recon method: Iterative

- Iterations: 4

- Subsets: 8

- Image size: 168

- Zoom: 2

- Filter: Gaussian

- FWHM (mm): 2

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off