

PETCT_Cardiac.MlAdult_PET5

27. februar 2013

Indhold

1	Topogram	1
1.1	Routine	1
1.2	Scan	1
2	CT Cardiac	1
2.1	Routine	1
2.2	Scan	2
2.3	Recons	2
2.3.1	Recon 1	2
3	Pause	3
4	PET Cardiac	3
4.1	Routine	3
4.2	Scan	3
4.3	Recons	4
4.3.1	Recon 1	4
5	CT Cardiac #2	5
5.1	Routine	5
5.2	Scan	5
5.3	Recons	6
5.3.1	Recon 1	6

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 CT Cardiac

2.1 Routine

- Eff. mAs: 11
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 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
- 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 Cardiac

4.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 10 Millicuries
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 10 Minutes

4.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues

- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

4.3 Recons

4.3.1 Recon 1

- Series description: PET Cardiac
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Backprojection
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 2
- Filter: Gaussian
- FWHM (mm): 10
- 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 CT Cardiac #2

5.1 Routine

- Eff. mAs: 11
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 0.7414mGy
- Scan time: 2.700 s
- Delay: 4.000 s
- Slice: 3.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

5.2 Scan

- Quality ref. mAs: 170
- Eff. mAs: 11
- kV: 120
- Scan time: 2.700 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 1.5000000
- Direction: Craniocaudal

5.3 Recons

5.3.1 Recon 1

- Series description: AC CT #2
- 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: 83