PETCT_Cardiac.Adult_PET4

17. november 2012

Indhold

1	Topogram			
	1.1	Routine	1	
	1.2	Scan	1	
2	CT Cardiac			
	2.1	Routine	1	
	2.2	Scan	2	
	2.3	Recons	2	
		2.3.1 Recon 1	2	
		2.3.2 Recon 2	3	
3	Pau	ase	4	
4	PE	Γ Cardiac	4	
	4.1	Routine	4	
	4.2	Scan	4	
	4.3	Recons	5	
		4.3.1 Recon 1	5	

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: API

• Kernel: 80

• Window: Topogram

2 CT Cardiac

2.1 Routine

• Eff. mAs: 11

• kV: 120

• CARE Dose4D: Off

• CareDoseType: CareDoseAEC

 \bullet CTDlvol: 0.8008mGy

• Scan time: 4.630 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: 170

• Eff. mAs: 11

• kV: 120

 \bullet Scan time: 4.630 s

• Rotation time: 0.500 s

• Delay: 2.000 s

• Slice: 3 mm

• Pitch: 1.50

• Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

• Series description: tmp CT Cardiac RTD

• Slice: 4

• Kernel: B18f

• 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: 4.000

• No. of images: 56

2.3.2 Recon 2

• Series description: AC CT Cardiac

• Slice: 3

• Kernel: B18f

• Window: Abdomen

• Extended FoV: On

• FoV: 780

• 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.: Fluorodeoxyglucose
- Inj. Dose: 370000000.000000 Bequerels
- Inj. date (date/month year): 07/12 2008
- Inj. time: 01:37:05
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: Not given. Check recon range
- Scan duration/bed: 10.000000 Minutes

4.2 Scan

- Autoload: On
- Rebinner LUT: N/A
- Scan output: Sinogram
- Sinogram mode: false
- Input trigger signal: None
- LLD (keV): N/A
- \bullet ULD (keV): N/A

4.3 Recons

4.3.1 Recon 1

- Series description: PET Cardiac
- Recon range (bed): Automatic/All/dunno
- Output image type: Corrected
- Recon method: Backprojection
- Iterations: 2
- Subsets: 24
- Image size: 200
- Zoom: 2.000000
- Filter: Gaussian
- FWHM (mm): 8.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off