

# 4\_PETCT\_Cardiac\_LM.Adult

22. oktober 2012

# Indhold

|          |                    |          |
|----------|--------------------|----------|
| <b>1</b> | <b>Topogram</b>    | <b>1</b> |
| 1.1      | Routine . . . . .  | 1        |
| 1.2      | Scan . . . . .     | 1        |
| <b>2</b> | <b>CT Cardiac</b>  | <b>1</b> |
| 2.1      | Routine . . . . .  | 1        |
| 2.2      | Scan . . . . .     | 2        |
| 2.3      | Recons . . . . .   | 2        |
| 2.3.1    | Recon 1 . . . . .  | 2        |
| 2.3.2    | Recon 2 . . . . .  | 3        |
| <b>3</b> | <b>Pause</b>       | <b>4</b> |
| <b>4</b> | <b>PET Card LM</b> | <b>4</b> |
| 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: 256 mm
- Tube position: Top

## **1.2 Scan**

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 256 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
- CTDIvol: 0.8008mGy

- Scan time: 4.700 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
- Scan time: 4.700 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: false
- 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: 57

### **2.3.2 Recon 2**

- Series description: AC CT Cardiac
- Slice: 3
- Kernel: B18f
- Window: Abdomen
- Extended FoV: true
- 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: 113

### **3 Pause**

## **4 PET Card LM**

### **4.1 Routine**

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 370000000.000000 Bequerels
- Inj. date (date/month - year): 07/12 - 2008
- Inj. time: 02:14:30
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 0
- Scan duration/bed: 10 Minutes

### **4.2 Scan**

- Autoload: true
- Rebinner LUT: N/A
- Scan output: List mode
- Sinogram mode: PromptsRandoms
- Input trigger signal: ECG
- LLD (keV): N/A
- ULD (keV): N/A

## **4.3 Recons**

### **4.3.1 Recon 1**

- Series description: Cardiac LM
- Recon range (bed): 1 to 1
- Output image type: NoRecon
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 12
- Image size: 400
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false