

# 4\_PETCT\_Cardiac\_Perf\_LM.Adult

22. oktober 2012

# Indhold

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# **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 Rest**

## **2.1 Routine**

- Eff. mAs: 11
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 0.8008mGy

- Scan time: 4.670 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: 4.670 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 Rest 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: 56

### **2.3.2 Recon 2**

- Series description: AC CT Rest
- 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: 112

### **3 Pause**

## **4 PET Rest LM**

### **4.1 Routine**

- Isotope: Rb-82
- Pharm.: Liquid Solution
- Inj. Dose: 1480000000.000000 Bequerels
- Inj. date (date/month - year): 10/08 - 2009
- Inj. time: 11:13:35
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 0
- Scan duration/bed: 7.000000 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 Rest LM
- Recon range (bed): 1 to 1
- Output image type: NoRecon
- Recon method: Backprojection
- Iterations: 4
- Subsets: 12
- Image size: 200
- 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

## **5 Pause**

## **6 PET Stress LM**

### **6.1 Routine**

- Isotope: Rb-82
- Pharm.: Liquid Solution

- Inj. Dose: 1480000000.000000 Bequerels
- Inj. date (date/month - year): 10/08 - 2009
- Inj. time: 11:13:35
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 0
- Scan duration/bed: 7.000000 Minutes

## **6.2 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

## **6.3 Recons**

### **6.3.1 Recon 1**

- Series description: Cardiac Stress LM
- Recon range (bed): 1 to 1
- Output image type: NoRecon
- Recon method: Backprojection
- Iterations: 4
- Subsets: 12
- Image size: 200



- 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

## **7    Pause**

## **8    CT Stress**

### **8.1   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

## **8.2 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

## **8.3 Recons**

### **8.3.1 Recon 1**

- Series description: tmp CT Stress 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

### **8.3.2 Recon 2**

- Series description: AC CT Stress
- 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