

8\_PET\_Cardiac\_LM\_Rb82.MlAdult\_PET6

30. maj 2013

# Indhold

<b>1</b>	<b>Topogram</b>	<b>1</b>
1.1	Routine . . . . .	1
1.2	Scan . . . . .	1
<b>2</b>	<b>Lav CT Card</b>	<b>1</b>
2.1	Routine . . . . .	1
2.2	Scan . . . . .	1
2.3	Recons . . . . .	2
2.3.1	Recon 1 . . . . .	2
<b>3</b>	<b>Pause</b>	<b>2</b>
<b>4</b>	<b>PET Rest LM</b>	<b>2</b>
4.1	Routine . . . . .	2
4.2	Scan . . . . .	2
4.3	Recons . . . . .	3
4.3.1	Recon 1 . . . . .	3
<b>5</b>	<b>Pause</b>	<b>3</b>
<b>6</b>	<b>PET StressLM</b>	<b>3</b>
6.1	Routine . . . . .	3
6.2	Scan . . . . .	3
6.3	Recons . . . . .	4
6.3.1	Recon 1 . . . . .	4

# **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
- 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 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