

# PETCT\_GantryOffset.Adult\_PET4

3. december 2012

# Indhold

<b>1</b>	<b>Topogram</b>	<b>1</b>
1.1	Routine . . . . .	1
1.2	Scan . . . . .	1
<b>2</b>	<b>CT</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 Offset</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: 36
- kV: 120
- Topogram length: 512 mm
- Tube position: Top

## **1.2 Scan**

- mA: 36
- kV: 120
- Delay: 4s
- Topogram length: 512 mm
- Direction: Craniocaudal
- Tube position: Top
- API: API
- Kernel: 80
- Window: Topogram

# **2 CT**

## **2.1 Routine**

- Eff. mAs: 50
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 3.64mGy

- Scan time: 7.980 s
- Delay: 2.000 s
- Slice: 2 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

## **2.2 Scan**

- Quality ref. mAs: 120
- Eff. mAs: 50
- kV: 120
- Scan time: 7.980 s
- Rotation time: 0.500 s
- Delay: 2.000 s
- Slice: 2 mm
- Pitch: 0.80
- Direction: Craniocaudal

## **2.3 Recons**

### **2.3.1 Recon 1**

- Series description: tmp CT RTD
- Slice: 4
- Kernel: B19f
- 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: CT 2.0 B19f
- Slice: 2
- Kernel: B19f
- 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: 2.000
- No. of images: 111

### **3 Pause**

### **4 PET Offset**

#### **4.1 Routine**

- Isotope: Ge-68
- Pharm.: Crossed Rods
- Inj. Dose: 59200000.000000 Bequerels
- Inj. date (date/month - year): 24/06 - 2008
- Inj. time: 14:12:43
- Scan mode: Sinogram
- Scan range: Do not match CT FOV
- No. of beds: Not given. Check recon range
- Scan duration/bed: 10000000.000000 Counts

#### **4.2 Scan**

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

## 4.3 Recons

### 4.3.1 Recon 1

- Series description: PET Gantry Offset
- Recon range (bed): Automatic/All/dunno
- Output image type: Uncorrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 8
- Image size: 400
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: Off
- Save intermediate data: Off