

6\_Ben\_Flourid\_PET\_5.MlAdult

22. oktober 2012

# Indhold

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# 1 Topogram Ben

## 1.1 Routine

- Eff. mAs: 20
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDose
- CTDIvol: 0mGy
- Scan time: 0.570 s
- Delay: 4.000 s
- Slice: 0.60 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 20 grader

## 1.2 Scan

- Quality ref. mAs: 0
- Eff. mAs: 20
- kV: 120
- Scan time: 0.570 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 0.60 mm
- Pitch: 1.0000000
- Direction: Caudocranial

## **1.3 Recons**

### **1.3.1 Recon 1**

- Series description: Topogram Ben 0.6 T80s
- Slice: 0.60
- Kernel: T80s sharp
- Window: Topogram Body
- Extended FoV: Off
- FoV: 0
- Center X: 0
- Center Y: 0
- Mirroring: Both
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 0.100
- No. of images: 1

## **2 Lav CT knogle**

### **2.1 Routine**

- Eff. mAs: 40
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 2.69288mGy

- Scan time: 12.680 s
- Delay: 4.000 s
- Slice: 3.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 40 grader

## **2.2 Scan**

- Quality ref. mAs: 225
- Eff. mAs: 40
- kV: 120
- Scan time: 12.680 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 1.2000000
- Direction: Craniocaudal

## **2.3 Recons**

### **2.3.1 Recon 1**

- Series description: AC CT ben knogleskanning
- Slice: 3.00
- Kernel: B19f PET very smooth
- Window: Abdomen
- 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: 3.000
- No. of images: 274

### **3    Pause**

## **4    PET knogle**

### **4.1    Routine**

- Isotope: F-18
- Pharm.: Fluoride
- Inj. Dose: 10 MegaBequerels
- Inj. date (date/month - year): 21/08 - 2012
- Inj. time: 14:03:00
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 5
- Scan duration/bed: 2 Minutes

## 4.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

## 4.3 Recons

### 4.3.1 Recon 1

- Series description: PET Image check
- Recon range (bed): Automatic/All/dunno
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

#### **4.3.2 Recon 2**

- Series description: PET knogleskanning True X 2mm
- Recon range (bed): Automatic/All/dunno
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 3
- Subsets: 21
- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: Off
- Match CT slice location: On
- Save intermediate data: Off

#### **4.3.3 Recon 3**

- Series description: PET BEN UDEN True X
- Recon range (bed): Automatic/All/dunno
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 3
- Subsets: 21
- Image size: 336



- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: Off
- Match CT slice location: On
- Save intermediate data: Off

#### **4.3.4 Recon 4**

- Series description: no AC
- Recon range (bed): Automatic/All/dunno
- Output image type: Uncorrected
- Recon method: Iterative
- Iterations: 3
- Subsets: 21
- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: Off
- Match CT slice location: On
- Save intermediate data: Off