

# PETCT\_WholeBody.MlAdult

27. september 2012

# Indhold

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# **1 Topogram**

## **1.1 Routine**

- mA: 35
- kV: 120
- Topogram length: 1024 mm
- Tube position: Top

## **1.2 Scan**

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 1024 mm
- Direction: Craniocaudal
- Tube position: Top
- API (-1 betyder None, ellers skal tallet oversaettes (stoerre arbejde): -1
- Kernel: T80s sharp
- Window: Topogram Body

# **2 CT WB**

## **2.1 Routine**

- Eff. mAs: 170
- kV: 18
- CARE Dose4D: On
- CTDIvol: 11.4779mGy
- Scan time: 0.8000000 s

- Delay: 4.000 s
- Slice: 5.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 170 grader

## **2.2 Scan**

- Quality ref. mAs: 170
- Eff. mAs: 170
- kV: 120
- Scan time: 18.670 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 0.6 mm
- Pitch: 0.8000000
- Direction: Craniocaudal

## **2.3 Recon**

### **2.3.1 Recon 1**

- Series description: tmp CT WB RTD
- Slice: 5.00
- Kernel: "B19f PET very smooth"
- Window: "Abdomen"
- Extended FoV(1/0): 1
- FoV: 700
- Center X: 0
- Center Y: 0

- Mirroring: None
- Extended CT scale: Standard
- Recon job: AxialRJ
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 11.500
- No. of images: 72

### **2.3.2 Recon 2**

- Series description: AC CT
- Slice: 5.00
- Kernel: "B19f PET very smooth"
- Window: "Abdomen"
- Extended FoV(1/0): 1
- FoV: 700
- Center X: 0
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: AxialRJ
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 3.000
- No. of images: 274

### **2.3.3 Recon 3**

- Series description: CT WB 3.0 B30f
- Slice: 3.00
- Kernel: "B30f medium smooth"
- Window: "Abdomen"
- Extended FoV(1/0): 0
- FoV: 500
- Center X: 0
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: AxialRJ
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 2.000
- No. of images: 411

## **3 Pause**

## **4 PET WB**

### **4.1 Routine**

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 10( illicuries
- Inj. date (date/month - year): 30/10 - 2006
- Inj. time: 10:30:00

- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 5
- Scan duration/bed: 2(P nutes

## **4.2 Scan**

- Autoload: On
- Rebinner LUT: 0
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

## **4.3 Recon**

### **4.3.1 Recon 1**

- Series description: ET WB
- Recon range (bed): ups..
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5

- Offset X (mm): 0
- Offset Y (mm): 0
- Attenuation correction: (1,1)
- Scatter correction: 1
- Match CT slice location: 1
- Save intermediate data: 0

#### **4.3.2 Recon 2**

- Series description: ET WB Uncorrecte
- Recon range (bed): ups..
- Output image type: Uncorrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5
- Offset X (mm): 0
- Offset Y (mm): 0
- Attenuation correction: (1,1)
- Scatter correction: 1
- Match CT slice location: 1
- Save intermediate data: 0