

# 4\_PETCT\_AC\_WholeBody\_Test.Adult

8. oktober 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:
- Kernel: T80s
- Window: Topogra

# **2 CT WB**

## **2.1 Routine**

- Eff. mAs: 225
- kV: 120
- CARE Dose4D: On
- CTDIvol: 16.38mGy
- Scan time: 7.290 s

- Delay: 60.000 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: 225
- Eff. mAs: 225
- kV: 120
- Scan time: 7.290 s
- Rotation time: 0.500 s
- Delay: 60.000 s
- Slice: 3 mm
- Pitch: 1.40
- Direction: Craniocaudal

## **2.3 Recon**

### **2.3.1 Recon 1**

- Series description: tmp AC CT Body RTD
- Slice: 4
- Kernel: "B19f"
- 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: 88

### **2.3.2 Recon 2**

- Series description: AC CT
- Slice: 3
- Kernel: "B19f"
- 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: 3.000
- No. of images: 117

### **2.3.3 Recon 3**

- Series description: CT WB 3.0 B30f
- Slice: 3
- Kernel: "B30f"
- 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: 3.000
- No. of images: 117

### **2.3.4 Recon 4**

- Series description: CT WB 3.0 cor B30f
- Slice: 3
- Kernel: "B30f"
- Window: "Abdomen"
- Extended FoV: false
- FoV: 524
- Center X: 0
- Center Y: 0

- Mirroring: None
- Extended CT scale: Standard
- Recon job: 3D
- Recon Axis: Coronal
- Image order: AP
- Recon increment: 3.000
- No. of images: 76

### **2.3.5 Recon 5**

- Series description: CT WB 3.0 sag B30f
- Slice: 3
- Kernel: "B30f"
- Window: "Abdomen"
- Extended FoV: false
- FoV: 500
- Center X: 0
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: 3D
- Recon Axis: Sagittal
- Image order: LeftToRight
- Recon increment: 3.000
- No. of images: 76

### **3 Pause**

## **4 PET WB**

### **4.1 Routine**

- Isotope: F-18
- Pharm.: Fluorodeoxyglucose
- Inj. Dose: 3
- Inj. date (date/month - year): 13/09 - 2010
- Inj. time: 15:09:14
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: N/A
- Scan duration/bed: 3.000000 Minutes

### **4.2 Scan**

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



## **4.3 Recon**

### **4.3.1 Recon 1**

- Series description: PET WB Corrected HD
- Recon range (bed): ups..
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 2
- Subsets: 12
- Image size: 200
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

### **4.3.2 Recon 2**

- Series description: PET WB Corr TrueX+TOF
- Recon range (bed): ups..
- Output image type: Corrected
- Recon method: TrueXTOF
- Iterations: 3
- Subsets: 21

- Image size: 400
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false