# PETCT_WholeBody_Ped.Child_PET4

23. januar 2013

# Indhold

# 1 Topogram

## 1.1 Routine

- mA: 35

- kV: 120

- Topogram length: 768 mm

- Tube position: Top

## 1.2 Scan

- mA: 35

- kV: 120

- Delay: 4s

- Topogram length: 768 mm

- Direction: Craniocaudal

- Tube position: Top

- API: API

- Kernel: 80

- Window: Topogram

# 2 CT WB

## 2.1 Routine

- Eff. mAs: 65

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 4.732mGy

- Scan time: 9.580 s

- Delay: 2.000 s

- Slice: 5 mm

- No. of images: Samme som i foerste recon, slet?(y/n)

- Tilt: 0.0 grader

## 2.2   Scan

- Quality ref. mAs: 65

- Eff. mAs: 65

- kV: 120

- Scan time: 9.580 s

- Rotation time: 0.500 s

- Delay: 2.000 s

- Slice: 5 mm

- Pitch: 1.40

- Direction: Craniocaudal

## 2.3   Recons

### 2.3.1   Recon 1

- Series description: tmp CT WB 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: 119

### 2.3.2   Recon 2

- Series description: AC CT WB

- Slice: 5

- Kernel: B19f

- Window: Abdomen

- Extended FoV: On

- 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: 158

### 2.3.3   Recon 3

- Series description: CT WB 3.0 B30f

- Slice: 3

- Kernel: B30f

- 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: 237

### 2.3.4   Recon 4

- Series description: CT LUNG 3.0 B70f

- Slice: 3

- Kernel: B70f

- Window: Lung

- Extended FoV: Off

- FoV: 300

- 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: 237

# 3  Pause

# 4  PET WB

## 4.1  Routine

- Isotope: F-18

- Pharm.: FDG

- Inj. Dose: 92500000 Bequerels

- Scan mode: Sinogram

- Scan range: Do not match CT FOV

- No. of beds: 0

- Scan duration/bed: 2.000000 Minutes

## 4.2  Scan

- Autoload: On

- Rebinner LUT: Off

- Scan output: Sinogram

- Sinogram mode: PromptsRandoms

- Input trigger signal: None

- LLD (keV): n/a

- ULD (keV): n/a

## 4.3   Recons

### 4.3.1   Recon 1

- Series description: PET WB

- Recon range (bed): 1 to 3

- Output image type: Corrected

- Recon method: Iterative3D

- Iterations: 2

- Subsets: 24

- Image size: 200

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 5.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

### 4.3.2    Recon 2

- Series description: PET WB Uncorrected

- Recon range (bed): 1 to 3

- Output image type: Uncorrected

- Recon method: Iterative3D

- Iterations: 2

- Subsets: 24

- Image size: 200

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 5.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off