PETCT_WholeBody_Ped.MlChild

27. september 2012

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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: None
- Kernel: T80s sharp
- Window: Topogram Body

2 CT WB

2.1 Routine

- Eff. mAs: 55
- kV: 7
- CARE Dose4D: On
- CTDlvol: 3.70884mGy
- Scan time: 1.4000000 s

- Delay: 4.000 s
- Slice: 5.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 55 grader

2.2 Scan

- Quality ref. mAs: 55
- Eff. mAs: 55
- kV: 120
- Scan time: 7.280 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 0.6 mm
- Pitch: 1.4000000
- 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: 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: 20.200
- No. of images: 27

2.3.2 Recon 2

- Series description: AC CT
- Slice: 5.00
- 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: 174

2.3.3 Recon 3

- Series description: CT WB 3.0 B30f
- Slice: 3.00
- Kernel: "B30f medium smooth"
- 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: 261

3 Pause

4 PET WB

4.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 2.5 Millicuries
- Inj. date (date/month - year): 25/06 - 2007
- Inj. time: 11:33:00

- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 3
- Scan duration/bed: 2 PtMinute

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 Recon

4.3.1 Recon 1

- Series description: PET 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: 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 WB Uncorrected
- 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: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off