4_1_PET_CT_WB_FDG_Barn.Child

22. oktober 2012

Indhold

1 Topogram

1.1 Routine

- mA: 30

- kV: 120

- Topogram length: 768 mm

- Tube position: Bottom

1.2 Scan

- mA: 30

- kV: 120

- Delay: 4s

- Topogram length: 768 mm

- Direction: Craniocaudal

- Tube position: Bottom

- API: API

- Kernel: 80

- Window: Topogram

2 CT WB

2.1 Routine

- Eff. mAs: 40

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 2.912mGy

- Scan time: 11.070 s

- Delay: 6.000 s

- Slice: 2 mm

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

- Tilt: 0.0 grader

2.2 Scan

- Quality ref. mAs: 40

- Eff. mAs: 40

- kV: 120

- Scan time: 11.070 s

- Rotation time: 0.500 s

- Delay: 6.000 s

- Slice: 2 mm

- Pitch: 1.20

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: tmp CT WB 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: 119

2.3.2 Recon 2

- Series description: AC CT WB

- Slice: 2

- 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: 2.000

- No. of images: 237

2.3.3   Recon 3

- Series description: CT WB 2.0 B30f

- Slice: 2

- 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: 2.000

- No. of images: 237

2.3.4   Recon 4

- Series description: CT WB 2.0 cor B30f

- Slice: 2

- 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: Coronal

- Image order: AP

- Recon increment: 2.000

- No. of images: 251

2.3.5 Recon 5

- Series description: CT WB 2.0 sag B30f

- Slice: 2

- 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: 2.000

- No. of images: 251

3   Pause

4   PET WB

4.1   Routine

- Isotope: F-18

- Pharm.: FDG

- Inj. Dose: 100000000.000000 Bequerels

- Inj. date (date/month - year): 01/04 - 2011

- Inj. time: 14:34:05

- Scan mode: Sinogram

- Scan range: Match CT FOV

- No. of beds: 0

- Scan duration/bed: 2.000000 Minutes

4.2   Scan

- Autoload: true

- Rebinner LUT: N/A

- 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 image check

- Recon range (bed): 1 to 3

- Output image type: Corrected

- Recon method: TrueX

- Iterations: 2

- Subsets: 12

- Image size: 200

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 3.000000

- 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 2 mm

- Recon range (bed): 1 to 3

- Output image type: Corrected

- Recon method: TrueXTOF

- Iterations: 2

- Subsets: 21

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 3.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: true

- Match CT slice location: true

- Save intermediate data: false