

PETCT_AC_Brain_Ped.Child_PET4

23. januar 2013

Indhold

1	Topogram	1
1.1	Routine	1
1.2	Scan	1
2	CT Brain	1
2.1	Routine	1
2.2	Scan	2
2.3	Recons	2
2.3.1	Recon 1	2
2.3.2	Recon 2	3
3	Pause	4
4	PET Brain	4
4.1	Routine	4
4.2	Scan	4
4.3	Recons	4
4.3.1	Recon 1	4

1 Topogram

1.1 Routine

- mA: 50
- kV: 80
- Topogram length: 256 mm
- Tube position: Lateral

1.2 Scan

- mA: 50
- kV: 80
- Delay: 4s
- Topogram length: 256 mm
- Direction: Craniocaudal
- Tube position: Lateral
- API: API
- Kernel: 20
- Window: Topogram

2 CT Brain

2.1 Routine

- Eff. mAs: 85
- kV: 80
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 4.4795mGy

- Scan time: 20.050 s
- Delay: 2.000 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: 85
- Eff. mAs: 85
- kV: 80
- Scan time: 20.050 s
- Rotation time: 1.000 s
- Delay: 2.000 s
- Slice: 3 mm
- Pitch: 1.00
- Direction: Caudocranial

2.3 Recons

2.3.1 Recon 1

- Series description: tmp CT Brain RTD
- Slice: 4
- Kernel: H19s
- Window: Cerebrum
- 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: Caudocranial
- Recon increment: 4.000
- No. of images: 56

2.3.2 Recon 2

- Series description: AC CT Brain
- Slice: 3
- Kernel: H19s
- Window: Cerebrum
- 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: Caudocranial
- Recon increment: 1.500
- No. of images: 148

3 Pause

4 PET Brain

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: 10.000000 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 Brain
- Recon range (bed): 1 to 1
- Output image type: Corrected

- Recon method: Iterative3D
- Iterations: 4
- Subsets: 24
- Image size: 400
- Zoom: 2.000000
- Filter: Gaussian
- FWHM (mm): 4.000000
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off ()
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off