

4_1_PET_CT_WB_FDG_0til6_aar_IV_Bolus.Child

22. oktober 2012

Indhold

1	Topogram	1
1.1	Routine	1
1.2	Scan	1
2	PreMonitoring	1
2.1	Routine	1
2.2	Scan	2
2.3	Recons	2
2.3.1	Recon 1	2
3	Monitoring	3
3.1	Routine	3
3.2	Scan	4
3.3	Recons	4
3.3.1	Recon 1	4
4	CT WB	5
4.1	Routine	5
4.2	Scan	5
4.3	Recons	6
4.3.1	Recon 1	6
4.3.2	Recon 2	6
4.3.3	Recon 3	7
4.3.4	Recon 4	8
4.3.5	Recon 5	8
5	Pause	9
6	PET WB	9
6.1	Routine	9
6.2	Scan	9
6.3	Recons	10
6.3.1	Recon 1	10
6.3.2	Recon 2	11

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 PreMonitoring

2.1 Routine

- Eff. mAs: 20
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 1.186mGy

- Scan time: 0.500 s
- Delay: 2.000 s
- Slice: 10 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: 20
- kV: 120
- Scan time: 0.500 s
- Rotation time: 0.500 s
- Delay: 2.000 s
- Slice: 10 mm
- Pitch: 0.00
- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: PreMonitoring 10.0 eFoV
- Slice: 10
- Kernel: B19s
- 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: 10.000
- No. of images: 1

3 Monitoring

3.1 Routine

- Eff. mAs: 20
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 35.58mGy
- Scan time: 0.500 s
- Delay: 10.000 s
- Slice: 10 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

3.2 Scan

- Quality ref. mAs: 65
- Eff. mAs: 20
- kV: 120
- Scan time: 0.500 s
- Rotation time: 0.500 s
- Delay: 10.000 s
- Slice: 10 mm
- Pitch: 0.00
- Direction: Craniocaudal

3.3 Recons

3.3.1 Recon 1

- Series description: Monitoring 10.0 eFoV
- Slice: 10
- Kernel: B19s
- 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: 10.000
- No. of images: 30

4 CT WB

4.1 Routine

- Eff. mAs: 30
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDIvol: 2.184mGy
- 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

4.2 Scan

- Quality ref. mAs: 30
- Eff. mAs: 30
- kV: 120
- Scan time: 11.070 s
- Rotation time: 0.500 s
- Delay: 6.000 s
- Slice: 2 mm
- Pitch: 1.20
- Direction: Craniocaudal

4.3 Recons

4.3.1 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

4.3.2 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

4.3.3 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

4.3.4 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

4.3.5 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

5 Pause

6 PET WB

6.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 92500000.000000 Bequerels
- Inj. date (date/month - year): 20/01 - 2011
- Inj. time: 16:00:05
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 0
- Scan duration/bed: 2.000000 Minutes

6.2 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

6.3 Recons

6.3.1 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: Off (1)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

6.3.2 Recon 2

- Series description: PET WB Corr-TrueX
- 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: Off (1)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false