7_PET_AC_FDG_FINE.MlAdult_PET6

30. maj 2013

Indhold

1 Topogram

1.1 Routine

- mA: 35
- kV: 120
- Topogram length: 0 mm
- Tube position: Top

1.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 0 mm
- Direction: Craniocaudal
- Tube position: Top
- API: None
- Kernel: 80s shar
- Window: Topogram Body

2 AC CT Femur

2.1 Routine

- Eff. mAs: 11
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 0.7414mGy
- Scan time: 3.360 s
- Delay: 4.000 s
- Slice: 3.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

2.2 Scan

- Quality ref. mAs: 12
- Eff. mAs: 11
- kV: 120
- Scan time: 3.360 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 1.5000000

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: AC CT Femur
- Slice: 3.00
- 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: 2.000
- No. of images: 111

3 Pause

4 PET Femur LM

4.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 200 MegaBequerels
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 60 Minutes

4.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: List mode
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

4.3 Recons

4.3.1 Recon 1

- Series description: PET WB
- Recon range (bed): -1 to -1
- Output image type: NoRecon
- 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

5 Pause

6 Topogram

6.1 Routine

- mA: 35
- kV: 120
- Topogram length: 0 mm
- Tube position: Lateral

6.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 0 mm
- Direction: Craniocaudal
- Tube position: Lateral
- API: None
- Kernel: 20s standar
- Window: Topogram Head

7 AC CT Hjerne

7.1 Routine

- Eff. mAs: 22
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 3.4496mGy
- Scan time: 9.280 s
- Delay: 4.000 s
- Slice: 3.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

7.2 Scan

- Quality ref. mAs: 14
- Eff. mAs: 22
- kV: 120
- Scan time: 9.280 s
- Rotation time: 1.000 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 1.5000000
- Direction: Caudocranial

7.3 Recons

7.3.1 Recon 1

- Series description: AC CT Hjerne
- Slice: 3.00
- Kernel: H19s PET very smooth
- 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: 3.000
- No. of images: 74

8   Pause

9   PET Brain LM

9.1   Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 200 MegaBequerels
- Scan mode: List mode
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 15 Minutes

9.2   Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: List mode
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

9.3   Recons

9.3.1   Recon 1

- Series description: PET FDG Brain corrected
- Recon range (bed): -1 to -1
- Output image type: NoRecon
- Recon method: Iterative3D
- Iterations: 6
- Subsets: 16
- Image size: 336
- Zoom: 3
- Filter: Gaussian
- FWHM (mm): 3
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

10 Pause

11 Topogram

11.1 Routine

- mA: 35
- kV: 120
- Topogram length: 0 mm
- Tube position: Top

11.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 0 mm
- Direction: Craniocaudal
- Tube position: Top
- API: None
- Kernel: 80s shar
- Window: Topogram Body

12 AC CT WB

12.1 Routine

- Eff. mAs: 11
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 0.7414mGy
- Scan time: 10.310 s
- Delay: 4.000 s
- Slice: 3.00 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

12.2 Scan

- Quality ref. mAs: 14
- Eff. mAs: 11
- kV: 120
- Scan time: 10.310 s
- Rotation time: 0.500 s
- Delay: 4.000 s

- Slice: 3.00 mm
- Pitch: 1.5000000
- Direction: Craniocaudal

12.3   Recons

12.3.1   Recon 1

- Series description: AC CT WB
- Slice: 3.00
- 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: 274

13   Pause

14   PET WB

14.1   Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 200 MegaBequerels
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 4 Minutes

14.2   Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435

- ULD (keV): 650

14.3   Recons

14.3.1   Recon 1

- Series description: PET WB Image check
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

14.3.2   Recon 2

- Series description: PET WB True X 2 mm
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 3
- Subsets: 21
- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

15 Pause

16 PET WB

16.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 200 MegaBequerels
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 4 Minutes

16.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

16.3 Recons

16.3.1 Recon 1

- Series description: PET WB Image check
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

16.3.2 Recon 2

- Series description: PET WB True X 2 mm
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 3
- Subsets: 21
- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: Off (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off