TUMOR_HUND_FDG.MlAdult_PET5

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 CT WB

2.1 Routine

- Eff. mAs: 170
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 11.4448mGy
- Scan time: 12.680 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: 225
- Eff. mAs: 170
- kV: 120
- Scan time: 12.680 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 1.2000000

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: AC CT
- 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

2.3.2 Recon 2

- 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: 3.000
- No. of images: 274

3 Pause

4 PET TUMOR

4.1 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: 10 Minutes

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 Recons

4.3.1 Recon 1

- Series description: PET TUMOR Image check
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- 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 TUMOR True X 2.0 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: On (1)
- Scatter correction: Off
- Match CT slice location: On
- Save intermediate data: Off

5   Pause

6   PET WB

6.1   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: 2 Minutes

6.2   Scan

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

6.3   Recons

6.3.1   Recon 1

- Series description: PET WB Image check
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 128

- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

6.3.2 Recon 2

- Series description: PET WB True X 2.0 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: On (1)
- Scatter correction: Off
- Match CT slice location: On
- Save intermediate data: Off

7 Pause

8 DynMulti

8.1 Routine

- Eff. mAs: 170
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDose
- CTDlvol: 1032.37mGy
- Scan time: 90.100 s
- Delay: 4.000 s
- Slice: 7.20 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

8.2   Scan

- Quality ref. mAs: 100
- Eff. mAs: 170
- kV: 120
- Scan time: 90.100 s
- Rotation time: 1.000 s
- Delay: 4.000 s
- Slice: 7.20 mm
- Pitch: 1.0000000
- Direction: Craniocaudal

8.3   Recons

8.3.1   Recon 1

- Series description: DynMulti 7.2 B30s
- Slice: 7.20
- Kernel: B30s medium smooth
- Window: Abdomen
- Extended FoV: Off
- FoV: 0
- Center X: -3
- Center Y: 0
- Mirroring: None
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 1.000
- No. of images: 360