PROJ_DOTATATE_PET_CT_6.MlAdult_PET6

27. februar 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: 225

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 15.1475mGy

- 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: 225

- 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

2.3.3 Recon 3

- Series description: CT WB 3.0 SPO cor

- Slice: 3.00

- Kernel: B30f medium smooth

- Window: Abdomen

- Extended FoV: Off

- FoV: 821

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: 3D

- Recon Axis: Coronal

- Image order: AP

- Recon increment: 3.000

- No. of images: 167

2.3.4 Recon 4

- Series description: CT WB 3.0 SPO sag

- Slice: 3.00

- Kernel: B30f medium smooth

- Window: Abdomen

- Extended FoV: Off

- FoV: 821

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: 3D

- Recon Axis: Sagittal

- Image order: LeftToRight

- Recon increment: 3.000

- No. of images: 274

3   Pause

4   PET WB

4.1   Routine

- Isotope: Cu-64

- Pharm.: DOTATATE

- Inj. Dose: 1 MegaBequerels

- Scan mode: Sinogram

- Scan range: Match CT FOV

- No. of beds: 5

- Scan duration/bed: 180 Seconds

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 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: On (1)

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

4.3.2 Recon 2

- Series description: PET WB DOTATATE 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: On (1)

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

4.3.3 Recon 3

- Series description: PET WB UDEN True X

- Recon range (bed): -1 to -1

- Output image type: Corrected

- Recon method: Iterative

- Iterations: 3

- Subsets: 21

- Image size: 336

- 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

4.3.4   Recon 4

- Series description: no AC

- Recon range (bed): -1 to -1

- Output image type: Uncorrected

- Recon method: Iterative

- Iterations: 3

- Subsets: 21

- Image size: 336

- 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