test_WB_FDG_PET_CT_IV_Lunge_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: 5s

- Topogram length: 0 mm

- Direction: Craniocaudal

- Tube position: Top

- API: API 31

- Kernel: 80s shar

- Window: Topogram Body

2 CT BANAN

2.1 Routine

- Eff. mAs: 100

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 7.6543mGy

- Scan time: 7.840 s

- Delay: 8.000 s

- Slice: 5.00 mm

- No. of images: Samme som i foerste recon, slet?(y/n)

- Tilt: 0.0 grader

2.2   Scan

- Quality ref. mAs: 100

- Eff. mAs: 100

- kV: 120

- Scan time: 7.840 s

- Rotation time: 0.500 s

- Delay: 8.000 s

- Slice: 5.00 mm

- Pitch: 1.4000000

- Direction: Caudocranial

2.3   Recons

2.3.1   Recon 1

- Series description: CT BANAN B18f very smooth

- Slice: 5.00

- Kernel: B18f very smooth

- Window: Mediastinum

- Extended FoV: Off

- FoV: 315

- 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: 127

2.3.2 Recon 2

- Series description: CT BANAN 2.0 B70f

- Slice: 2.00

- Kernel: B70f very sharp

- Window: Lung

- Extended FoV: Off

- FoV: 315

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Craniocaudal

- Recon increment: 1.500

- No. of images: 253

3 Pause

4 CT WB

4.1 Routine

- Eff. mAs: 225

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 15.1475mGy

- Scan time: 12.680 s

- Delay: 60.000 s

- Slice: 3.00 mm

- No. of images: Samme som i foerste recon, slet?(y/n)

- Tilt: 0.0 grader

4.2 Scan

- Quality ref. mAs: 225

- Eff. mAs: 225

- kV: 120

- Scan time: 12.680 s

- Rotation time: 0.500 s

- Delay: 60.000 s

- Slice: 3.00 mm

- Pitch: 1.2000000

- Direction: Craniocaudal

4.3 Recons

4.3.1 Recon 1

- Series description: AC CT

- Slice: 3.00

- Kernel: B18f 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

4.3.2 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

4.3.3   Recon 3

- Series description: CT WB 3.0 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

4.3.4 Recon 4

- Series description: CT WB 3.0 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

5 Pause

6 PET WB

6.1 Routine

- Isotope: F-18

- Pharm.: FDG

- Inj. Dose: 1 MegaBequerels

- Scan mode: Sinogram

- Scan range: Match CT FOV

- No. of beds: 1

- Scan duration/bed: 150 Seconds

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: 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

6.3.2   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