WB_FDG_PET_CT_IV_Lunge_5.MlAdult

1. oktober 2012

Indhold

1 Topogram

1.1 Routine

- mA: 35

- kV: 120

- Topogram length: 1536 mm

- Tube position: Top

1.2 Scan

- mA: 35

- kV: 120

- Delay: 8s

- Topogram length: 1536 mm

- Direction: Craniocaudal

- Tube position: Top

- API: API 32

- Kernel: T80s sharp

- Window: Topogram Body

2 CT WB

2.1 Routine

- Eff. mAs: 100

- kV: 12

- CARE Dose4D: On

- CTDlvol: 8.26mGy

- Scan time: 1.4000000 s

- Delay: 8.000 s

- Slice: 5.00 mm

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

- Tilt: 100 grader

2.2 Scan

- Quality ref. mAs: 100

- Eff. mAs: 100

- kV: 120

- Scan time: 12.140 s

- Rotation time: 0.500 s

- Delay: 8.000 s

- Slice: 0.6 mm

- Pitch: 1.4000000

- Direction: Craniocaudal

2.3 Recon

2.3.1 Recon 1

- Series description: CT Lunge 3.0 B19f

- Slice: 5.00

- Kernel: "B19f PET very smooth"

- Window: "Mediastinum"

- Extended FoV: Off

- FoV: 440

- 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 Lung 2.0 B70f

- Slice: 2.00

- Kernel: "B70f very sharp"

- Window: "Lung"

- Extended FoV: Off

- FoV: 440

- 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: 254

3 Pause

4 PET WB

4.1 Routine

- Isotope: F-18

- Pharm.: FDG

- Inj. Dose: 400 MegaBequerels

- Inj. date (date/month - year): 23/03 - 2011

- Inj. time: 13:04:00

- Scan mode: Sinogram

- Scan range: Match CT FOV

- No. of beds: 1

- Scan duration/bed: 150 PtSecond

4.2 Scan

- Autoload: Off

- Rebinner LUT: Off

- Scan output: Sinogram

- Sinogram mode: Trues

- Input trigger signal: None

- LLD (keV): 435

- ULD (keV): 650

4.3 Recon

4.3.1 Recon 1

- Series description: PET WB Image check

- Recon range (bed): ups..

- 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: Off (1)

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

4.3.2 Recon 2

- Series description: PET WB Corr True X 2 mm

- Recon range (bed): ups..

- 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