TUMOR_HYPOXI_HUND_DAG_4.MlAdult_PET5

23. januar 2013

Indhold

1 Topogram

1.1 Routine

- mA: 35

- kV: 120

- Topogram length: 512 mm

- Tube position: Top

1.2 Scan

- mA: 35

- kV: 120

- Delay: 4s

- Topogram length: 512 mm

- Direction: Craniocaudal

- Tube position: Top

- API: None

- Kernel: 80s shar

- Window: Topogram Body

2 CT TUMOR

2.1 Routine

- Eff. mAs: 170

- kV: 120

- CARE Dose4D: Off

- CareDoseType: CareDoseAEC

- CTDlvol: 11.4448mGy

- Scan time: 4.000 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: 170

- Eff. mAs: 170

- kV: 120

- Scan time: 4.000 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: 74

2.3.2 Recon 2

- Series description: CT TUMOR 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: 74

3   Pause

4   PET STATIC

4.1   Routine

- Isotope: Cu-64

- Pharm.:

- Inj. Dose: 0 MegaBequerels

- Scan mode: Sinogram

- Scan range: Match CT FOV

- No. of beds: 1

- Scan duration/bed: 20 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 Corrected 180 min

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

- Output image type: Corrected

- Recon method: Iterative

- Iterations: 4

- Subsets: 8

- Image size: 256

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 3

- 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 Uncorrected 180 min

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

- Output image type: Uncorrected

- Recon method: Iterative

- Iterations: 4

- Subsets: 8

- Image size: 256

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 3

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: On (1)

- Scatter correction: Off

- Match CT slice location: On

- Save intermediate data: Off