TUMOR_HYPOXI_HUND_DAG_3.MlAdult_PET5

17. november 2012

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.: ATSM

- Inj. Dose: 1e-006 MegaBequerels

- Inj. date (date/month - year): 13/01 - 2009

- Inj. time: 16:49:00

- 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 24 hr

- Recon range (bed): Automatic/All/dunno

- 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 24 hr

- Recon range (bed): Automatic/All/dunno

- 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

5 Pause

6 DynMulti

6.1 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

6.2 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

6.3 Recons

6.3.1 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