4_DOHAN_Terapi_PET_CT_FDG_nr2.Adult_PET4

11. 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: API
- Kernel: 80
- Window: Topogram

2 PreMonitoring

2.1 Routine

- Eff. mAs: 20
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDlvol: 1.186mGy

- Scan time: 0.500 s

- Delay: 2.000 s

- Slice: 10 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: 20

- kV: 120

- Scan time: 0.500 s

- Rotation time: 0.500 s

- Delay: 2.000 s

- Slice: 10 mm

- Pitch: 0.00

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: PreMonitoring 10.0 eFoV

- Slice: 10

- Kernel: B19s

- Window: Abdomen

- Extended FoV: On

- FoV: 780

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Craniocaudal

- Recon increment: 10.000

- No. of images: 1

3   Monitoring

3.1   Routine

- Eff. mAs: 20

- kV: 120

- CARE Dose4D: Off

- CareDoseType: CareDoseAEC

- CTDlvol: 35.58mGy

- Scan time: 0.500 s

- Delay: 10.000 s

- Slice: 10 mm

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

- Tilt: 0.0 grader

3.2   Scan

- Quality ref. mAs: 225

- Eff. mAs: 20

- kV: 120

- Scan time: 0.500 s

- Rotation time: 0.500 s

- Delay: 10.000 s

- Slice: 10 mm

- Pitch: 0.00

- Direction: Craniocaudal

3.3   Recons

3.3.1   Recon 1

- Series description: Monitoring 10.0 eFoV

- Slice: 10

- Kernel: B19s

- Window: Abdomen

- Extended FoV: On

- FoV: 780

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Craniocaudal

- Recon increment: 10.000

- No. of images: 30

4   WB CT

4.1   Routine

- Eff. mAs: 200

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 14.56mGy

- Scan time: 32.530 s

- Delay: 4.000 s

- Slice: 2 mm

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

- Tilt: 0.0 grader

4.2   Scan

- Quality ref. mAs: 200

- Eff. mAs: 200

- kV: 120

- Scan time: 32.530 s

- Rotation time: 0.500 s

- Delay: 4.000 s

- Slice: 2 mm

- Pitch: 0.80

- Direction: Craniocaudal

4.3 Recons

4.3.1 Recon 1

- Series description: tmp WB CT RTD

- Slice: 4

- Kernel: B19f

- 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: 4.000

- No. of images: 245

4.3.2 Recon 2

- Series description: AC CT 2 mm

- Slice: 2

- Kernel: B19f

- Window: Abdomen

- Extended FoV: On

- FoV: 780

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Craniocaudal

- Recon increment: 2.000

- No. of images: 489

4.3.3 Recon 3

- Series description: CT WB 2.0 B30f

- Slice: 2

- Kernel: B30f

- 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: 2.000

- No. of images: 489

4.3.4   Recon 4

- Series description: CT WB 2.0 cor B30f

- Slice: 2

- Kernel: B30f

- Window: Abdomen

- Extended FoV: Off

- FoV: 977

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: 3D

- Recon Axis: Coronal

- Image order: AP

- Recon increment: 2.000

- No. of images: 251

4.3.5   Recon 5

- Series description: CT WB 2.0 sag B30f

- Slice: 2

- Kernel: B30f

- Window: Abdomen

- Extended FoV: Off

- FoV: 977

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: 3D

- Recon Axis: Sagittal

- Image order: LeftToRight

- Recon increment: 2.000

- No. of images: 489

5 Pause

6 PET WB

6.1 Routine

- Isotope: F-18

- Pharm.: Fluorodeoxyglucose

- Inj. Dose: 244000000 Bequerels

- Inj. date (date/month - year): 21/08 - 2012

- Inj. time: 10:24:13

- Scan mode: Sinogram

- Scan range:

- No. of beds: Not given. Check recon range

- Scan duration/bed: 2.000000 Minutes

6.2 Scan

- Autoload: On

- Rebinner LUT: Off

- Scan output: Sinogram

- Sinogram mode: false

- Input trigger signal: None

- LLD (keV): n/a

- ULD (keV): n/a

6.3   Recons

6.3.1   Recon 1

- Series description: PET WB Image check HD

- Recon range (bed): 1 to 7

- Output image type: Corrected

- Recon method: TrueX

- Iterations: 2

- Subsets: 12

- Image size: 200

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 4.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

6.3.2   Recon 2

- Series description: PET WB Corr TrueX+TOF 2 mm

- Recon range (bed): 1 to 7

- Output image type: Corrected

- Recon method: TrueXTOF

- Iterations: 2

- Subsets: 21

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 2.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

6.3.3   Recon 3

- Series description: PET WB Corr TrueX

- Recon range (bed): 1 to 7

- Output image type: Corrected

- Recon method: TrueX

- Iterations: 2

- Subsets: 24

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 2.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

6.3.4   Recon 4

- Series description: PET WB UDEN True X + TOF

- Recon range (bed): 1 to 7

- Output image type: Corrected

- Recon method: Iterative3D

- Iterations: 3

- Subsets: 24

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 4.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off

6.3.5 Recon 5

- Series description: PET WB no AC

- Recon range (bed): 1 to 7

- Output image type: Uncorrected

- Recon method: Iterative3D

- Iterations: 3

- Subsets: 24

- Image size: 400

- Zoom: 1

- Filter: Gaussian

- FWHM (mm): 4.000000

- Offset X: 0 mm

- Offset Y: 0 mm

- Attenuation correction: Off ()

- Scatter correction: On

- Match CT slice location: On

- Save intermediate data: Off