5_PET_CT_HIV_RT_KAR.Adult_PET4

23. januar 2013

Indhold

1 Topogram

1.1 Routine

- mA: 35

- kV: 120

- Topogram length: 1024 mm

- Tube position: Top

1.2 Scan

- mA: 35

- kV: 120

- Delay: 4s

- Topogram length: 1024 mm

- Direction: Craniocaudal

- Tube position: Top

- API: API

- Kernel: 80

- Window: Topogram

2 CT uden IV

2.1 Routine

- Eff. mAs: 170

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 12.376mGy

- Scan time: 20.290 s

- Delay: 2.000 s

- Slice: 2 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: 20.290 s

- Rotation time: 0.500 s

- Delay: 2.000 s

- Slice: 2 mm

- Pitch: 0.80

- Direction: Craniocaudal

2.3   Recons

2.3.1   Recon 1

- Series description: tmp CT uden IV 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: 151

2.3.2 Recon 2

- Series description: AC CT 2.0

- 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: 301

2.3.3 Recon 3

- Series description: CT uden IV 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: 301

2.3.4 Recon 4

- Series description: CT uden IV 1.

- Slice: 1.5

- Kernel: B26f

- Window: CT

- Extended FoV: Off

- FoV: 172

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Craniocaudal

- Recon increment: 0.700

- No. of images: 219

3   Pause

4   PET

4.1   Routine

- Isotope: F-18

- Pharm.: Fluorodeoxyglucose

- Inj. Dose: 1000000 Bequerels

- Scan mode: Sinogram

- Scan range: Do not match CT FOV

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

- Scan duration/bed: 3.000000 Minutes

4.2   Scan

- Autoload: On

- Rebinner LUT: Off

- Scan output: Sinogram

- Sinogram mode: false

- Input trigger signal: None

- LLD (keV): n/a

- ULD (keV): n/a

4.3   Recons

4.3.1   Recon 1

- Series description: PET WB Image check HD

- Recon range (bed): 1 to 4

- 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

4.3.2   Recon 2

- Series description: PET Corr TrueX+TOF 2 mm

- Recon range (bed): 1 to 4

- 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

4.3.3   Recon 3

- Series description: PET Corr 512 5i24s z2f2 noTOF noPSF PE

- Recon range (bed): 1 to 4

- Output image type: Corrected

- Recon method: Iterative3D

- Iterations: 5

- Subsets: 24

- Image size: 512

- Zoom: 2.000000

- 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

5 Pause

6 PreMonitoring

6.1 Routine

- Eff. mAs: 20

- kV: 120

- CARE Dose4D: Off

- CareDoseType: CareDoseAEC

- CTDlvol: 1.186mGy

- 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

6.2   Scan

- Quality ref. mAs: 120

- 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

6.3   Recons

6.3.1   Recon 1

- Series description: PreMonitoring 10.0 eFoV

- Slice: 10

- Kernel: B30s

- 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

7 Monitoring

7.1 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

7.2 Scan

- Quality ref. mAs: 120

- 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

7.3 Recons

7.3.1 Recon 1

- Series description: Monitoring 10.0 eFoV

- Slice: 10

- Kernel: B30s

- 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

8 CT med IV

8.1 Routine

- Eff. mAs: 119

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 8.67533mGy

- Scan time: 13.890 s

- Delay: 10.000 s

- Slice: 2 mm

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

- Tilt: 0.0 grader

8.2 Scan

- Quality ref. mAs: 119

- Eff. mAs: 119

- kV: 120

- Scan time: 13.890 s

- Rotation time: 0.500 s

- Delay: 10.000 s

- Slice: 2 mm

- Pitch: 1.20

- Direction: Craniocaudal

8.3 Recons

8.3.1 Recon 1

- Series description: tmp CT med IV RTD

- Slice: 4

- 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: 4.000

- No. of images: 151

8.3.2   Recon 2

- Series description: CT med IV 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: 302

8.3.3 Recon 3

- Series description: CT med IV 2.0
- Slice: 2
- Kernel: B26f
- Window: CT
- 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: 302

8.3.4 Recon 4

- Series description: CT med IV 2.0 cor
- Slice: 2
- Kernel: B30f
- Window: Abdomen
- Extended FoV: Off
- FoV: 753
- 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: 168

8.3.5   Recon 5

- Series description: CT med IV 2.0 sag

- Slice: 2

- Kernel: B30f

- Window: Abdomen

- Extended FoV: Off

- FoV: 753

- 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: 251

8.3.6 Recon 6

- Series description: CT med IV 1.5

- Slice: 1.5

- Kernel: B26f

- Window: CT

- Extended FoV: Off

- FoV: 165

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Craniocaudal

- Recon increment: 0.700

- No. of images: 218