1_PET_CT_WB_FDG_resp_IV.Adult_PET4

23. januar 2013

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: 6s

- Topogram length: 1536 mm

- Direction: Craniocaudal

- Tube position: Top

- API: API 962494eb-db00-4e54-b01b-9e42ecd67603

- Kernel: 20

- Window: Topogram

2 Lunge

2.1 Routine

- Eff. mAs: 100

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 7.6mGy

- Scan time: 7.210 s

- Delay: 9.000 s

- Slice: 5 mm

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

- Tilt: 0.0 grader

2.2   Scan

- Quality ref. mAs: 100

- Eff. mAs: 100

- kV: 120

- Scan time: 7.210 s

- Rotation time: 0.500 s

- Delay: 9.000 s

- Slice: 5 mm

- Pitch: 1.40

- Direction: Caudocranial

2.3   Recons

2.3.1   Recon 1

- Series description: tmp Lunge RTD

- Slice: 5

- Kernel: B18f

- Window: Mediastinum

- Extended FoV: Off

- FoV: 331

- Center X: 0

- Center Y: 0

- Mirroring: None

- Extended CT scale: Standard

- Recon job: Axial

- Recon Axis: Axial

- Image order: Caudocranial

- Recon increment: 5.000

- No. of images: 69

2.3.2   Recon 2

- Series description: CT Lunge 5.0 B18f

- Slice: 5

- Kernel: B18f

- Window: Mediastinum

- Extended FoV: Off

- FoV: 331

- 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: 115

2.3.3 Recon 3

- Series description: CT Lunge 2.0 B70f

- Slice: 2

- Kernel: B70f

- Window: Lung

- Extended FoV: Off

- FoV: 331

- 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: 230

3 Pause

4 PreMonitoring

4.1 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

4.2   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

4.3   Recons

4.3.1   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

5 Monitoring

5.1 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

5.2 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

5.3 Recons

5.3.1 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

6 CT WB

6.1 Routine

- Eff. mAs: 225

- kV: 120

- CARE Dose4D: On

- CareDoseType: CareDoseAEC

- CTDlvol: 16.408mGy

- Scan time: 34.870 s

- Delay: 20.000 s

- Slice: 2 mm

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

- Tilt: 0.0 grader

6.2 Scan

- Quality ref. mAs: 225

- Eff. mAs: 225

- kV: 120

- Scan time: 34.870 s

- Rotation time: 0.500 s

- Delay: 20.000 s

- Slice: 2 mm

- Pitch: 0.65

- Direction: Craniocaudal

6.3 Recons

6.3.1 Recon 1

- Series description: tmp CT WB 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: 213

6.3.2 Recon 2

- Series description: CT WB 2.0 eFoV

- Slice: 2

- Kernel: B30f

- 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: 426

6.3.3   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: 426

6.3.4   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: 151

6.3.5   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: 209

7   Pause

8   PET WB

8.1   Routine

- Isotope: F-18

- Pharm.: Fluorodeoxyglucose

- Inj. Dose: 180000000 Bequerels

- Scan mode: Sinogram

- Scan range: Do not match CT FOV

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

- Scan duration/bed: 2.000000 Minutes

8.2   Scan

- Autoload: On

- Rebinner LUT: Off

- Scan output: Sinogram

- Sinogram mode: false

- Input trigger signal: None

- LLD (keV): n/a

- ULD (keV): n/a

8.3   Recons

8.3.1   Recon 1

- Series description: PET WB Image Check HD

- Recon range (bed): 1 to 6

- 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

8.3.2   Recon 2

- Series description: PET WB TrueX + TOF 2 mm

- Recon range (bed): 1 to 6

- 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