4_1_PET_CT_WB_FDG_resp_IV.Adult

22. oktober 2012

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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
- CTDIvol: 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: false
- 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: false
- 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: false
- 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
- CTDIvol: 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: true
- 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: true
- 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: false
- 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: true
- 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: false
- 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: false
- 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: false
- 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: 180000000.000000 Bequerels
- Inj. date (date/month - year): 08/06 - 2012
- Inj. time: 11:15:00
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: Not given. Check recon range
- Scan duration/bed: 2.000000 Minutes

8.2 Scan

- Autoload: true
- Rebinner LUT: N/A
- 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 (1)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false

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 (2)
- Scatter correction: true
- Match CT slice location: true
- Save intermediate data: false