1_PET_CT_WB_FDG_barn_resp_IV.Adult_PET4

30. maj 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: 80
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDlvol: 6.09908mGy
- Scan time: 8.890 s
- Delay: 35.000 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: 80
- Eff. mAs: 80
- kV: 120
- Scan time: 8.890 s
- Rotation time: 0.500 s
- Delay: 35.000 s
- Slice: 5 mm
- Pitch: 1.40

- Direction: Caudocranial

2.3 Recons

2.3.1 Recon 1

- Series description: 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: 89

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: 148

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: 167

3   CT WB

3.1   Routine

- Eff. mAs: 80
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDlvol: 5.86188mGy
- Scan time: 40.242 s
- Delay: 20.000 s
- Slice: 2 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

3.2   Scan

- Quality ref. mAs: 80
- Eff. mAs: 80
- kV: 120
- Scan time: 40.242 s
- Rotation time: 0.500 s
- Delay: 20.000 s
- Slice: 2 mm
- Pitch: 0.65
- Direction: Craniocaudal

3.3   Recons

3.3.1   Recon 1

- Series description: 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: 245

3.3.2   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: 489

3.3.3   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   Pause

5   PET WB

5.1   Routine

- Isotope: F-18
- Pharm.: Fluorodeoxyglucose
- Inj. Dose: 113000000 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

5.2   Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: false
- Input trigger signal: None
- LLD (keV): n/a
- ULD (keV): n/a

5.3   Recons

5.3.1   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

5.3.2　Recon 2

- Series description: PET WB 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): 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