$PROJ_Breathhold_FDG_PET_5.MlAdult_PET5$

7. marts 2013

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1 Topogram

1.1 Routine

mA: 35kV: 120

• Topogram length: 0 mm

• Tube position: Top

1.2 Scan

mA: 35kV: 120Delay: 4s

Topogram length: 0 mmDirection: Craniocaudal

• Tube position: Top

API: NoneKernel: 80s shar

• Window: Topogram Body

2 CT Lung

2.1 Routine

• Eff. mAs: 225

• kV: 120

• CARE Dose4D: On

• CareDoseType: CareDoseAEC

CTDlvol: 15.1475mGyScan time: 14.840 s

Delay: 4.000 sSlice: 3.00 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: 225

• kV: 120

Scan time: 14.840 sRotation time: 0.500 s

Delay: 4.000 sSlice: 3.00 mmPitch: 1.2000000

• Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: AC CT
- Slice: 3.00
- Kernel: B19f PET very smooth
- Window: Mediastinum
- Extended FoV: On
- FoV: 700
- 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: 324

2.3.2 Recon 2

- Series description: CT Lung 3.0 B30f
- Slice: 3.00
- Kernel: B30f medium smooth
- Window: Mediastinum
- 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: 3.000
- No. of images: 324

3 Pause

4 PET Lung

4.1 Routine

• Isotope: F-18

- Pharm.: FDG
- Inj. Dose: 1 MegaBequerels
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 20 Seconds

4.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

4.3 Recons

4.3.1 Recon 1

- Series description: PET 1 Lung Corrected
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

4.3.2 Recon 2

- Series description: PET 1 Lung Corr True X 2 mm
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 3
- Subsets: 21

- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

4.3.3 Recon 3

- Series description: PET 1 Lung Corr OSEM
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 256
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

5 Pause

6 PET Lung

6.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 1 MegaBequerels
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 20 Seconds

6.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

6.3 Recons

6.3.1 Recon 1

- Series description: PET 2 Lung Corrected
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

6.3.2 Recon 2

- Series description: PET 2 Lung Corr True X 2 mm
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 3
- Subsets: 21
- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)

- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

6.3.3 Recon 3

- Series description: PET 2 Lung Corrected OSEM
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 256
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

7 Pause

8 PET Lung

8.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 1 MegaBequerels
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 20 Seconds

8.2 Scan

- Autoload: On
- Rebinner LUT: Off
- Scan output: Sinogram
- Sinogram mode: Trues
- Input trigger signal: None
- LLD (keV): 435
- ULD (keV): 650

8.3 Recons

8.3.1 Recon 1

- Series description: PET 3 Lung Corrected
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative
- Iterations: 4
- Subsets: 8
- Image size: 168
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 4
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

8.3.2 Recon 2

- Series description: PET 3 Lung Corr True X 2 mm
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: TrueX
- Iterations: 3
- Subsets: 21
- Image size: 336
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 2
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: On
- Match CT slice location: On
- Save intermediate data: Off

8.3.3 Recon 3

- Series description: PET 3 Lung Corrected OSEM
- Recon range (bed): -1 to -1
- Output image type: Corrected
- Recon method: Iterative

Iterations: 4 Subsets: 8

• Image size: 256

• Zoom: 1

Filter: GaussianFWHM (mm): 4Offset X: 0 mmOffset Y: 0 mm

• Attenuation correction: On (1)

• Scatter correction: On

• Match CT slice location: On

• Save intermediate data: Off