PETCT_HeadNeck.Adult_PET4

30. maj 2013

Indhold

1 Topogram

1.1 Routine

- mA: 35
- kV: 120
- Topogram length: 512 mm
- Tube position: Top

1.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 512 mm
- Direction: Craniocaudal
- Tube position: Top
- API: API
- Kernel: 20
- Window: Topogram

2 CT HeadNeck

2.1 Routine

- Eff. mAs: 150
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDlvol: 11.4465mGy
- Scan time: 16.078 s
- Delay: 2.000 s
- Slice: 3 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

2.2 Scan

- Quality ref. mAs: 150
- Eff. mAs: 150
- kV: 120
- Scan time: 16.078 s
- Rotation time: 1.000 s
- Delay: 2.000 s
- Slice: 3 mm
- Pitch: 0.80

- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: CT HeadNeck RTD
- Slice: 5
- Kernel: B19s
- Window: Larynx
- 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: 5.000
- No. of images: 45

2.3.2 Recon 2

- Series description: AC CT HeadNeck
- Slice: 3
- Kernel: B19s
- Window: Larynx
- 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: 111

2.3.3 Recon 3

- Series description: CT HeadNeck 2.0 B31s
- Slice: 2
- Kernel: B31s
- Window: Larynx
- 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: 1.500
- No. of images: 148

3 Pause

4 PET HeadNeck

4.1 Routine

- Isotope: F-18
- Pharm.: Fluorodeoxyglucose
- Inj. Dose: 370000000 Bequerels
- Scan mode: Sinogram
- Scan range: Do not match CT FOV
- No. of beds: Not given. Check recon range
- Scan duration/bed: 10.000000 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 HeadNeck
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 24
- Image size: 400

- Zoom: 1.000000
- 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 HeadNeck Uncorrected
- Recon range (bed): 1 to 1
- Output image type: Uncorrected
- Recon method: Iterative3D
- Iterations: 4
- Subsets: 24
- Image size: 400
- Zoom: 1.000000
- 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