

4_PETCT_NEMA_2007_IQ.Adult

22. oktober 2012

Indhold

1	Topogram	1
1.1	Routine	1
1.2	Scan	1
2	AC CT NEMA	1
2.1	Routine	1
2.2	Scan	2
2.3	Recons	2
2.3.1	Recon 1	2
2.3.2	Recon 2	3
3	Pause	4
4	PET NEMA IQ	4
4.1	Routine	4
4.2	Scan	4
4.3	Recons	5
4.3.1	Recon 1	5

1 Topogram

1.1 Routine

- mA: 35
- kV: 120
- Topogram length: 1024 mm
- Tube position: Top

1.2 Scan

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 1024 mm
- Direction: Craniocaudal
- Tube position: Top
- API: API
- Kernel: 80
- Window: Topogram

2 AC CT NEMA

2.1 Routine

- Eff. mAs: 50
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDoseAEC
- CTDIvol: 3.64mGy

- Scan time: 8.050 s
- Delay: 2.000 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: 120
- Eff. mAs: 50
- kV: 120
- Scan time: 8.050 s
- Rotation time: 0.500 s
- Delay: 2.000 s
- Slice: 5 mm
- Pitch: 0.80
- Direction: Craniocaudal

2.3 Recons

2.3.1 Recon 1

- Series description: tmp AC CT NEMA RTD
- Slice: 4
- Kernel: B19f
- 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: 56

2.3.2 Recon 2

- Series description: AC CT NEMA
- Slice: 5
- Kernel: B19f
- 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: 3.000
- No. of images: 75

3 Pause

4 PET NEMA IQ

4.1 Routine

- Isotope: F-18
- Pharm.: Fluorodeoxyglucose
- Inj. Dose: 370000000.000000 Bequerels
- Inj. date (date/month - year): 28/10 - 2009
- Inj. time: 14:49:29
- Scan mode: Sinogram
- Scan range: Do not match CT FOV
- No. of beds: Not given. Check recon range
- Scan duration/bed: 7.600000 Minutes

4.2 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

4.3 Recons

4.3.1 Recon 1

- Series description: PET NEMA IQ
- Recon range (bed): 1 to 1
- Output image type: Corrected
- Recon method: Iterative3D
- Iterations: 2
- Subsets: 24
- Image size: 200
- Zoom: 1
- Filter: Gaussian
- FWHM (mm): 5
- Offset X: 0 mm
- Offset Y: 0 mm
- Attenuation correction: On (1)
- Scatter correction: true
- Match CT slice location: false
- Save intermediate data: false