

BEN_FDG_PET_CT_5.MlAdult_PET5

20. februar 2013

Indhold

1	Topogram Ben	1
1.1	Routine	1
1.2	Scan	1
1.3	Recons	2
1.3.1	Recon 1	2
2	CT Ben	2
2.1	Routine	2
2.2	Scan	3
2.3	Recons	3
2.3.1	Recon 1	3
2.3.2	Recon 2	4
3	Pause	5
4	PET Ben	5
4.1	Routine	5
4.2	Scan	5
4.3	Recons	5
4.3.1	Recon 1	5
4.3.2	Recon 2	6

1 Topogram Ben

1.1 Routine

- Eff. mAs: 367
- kV: 120
- CARE Dose4D: Off
- CareDoseType: CareDose
- CTDIvol: 0mGy
- Scan time: 10.460 s
- Delay: 4.000 s
- Slice: 0.60 mm
- No. of images: Samme som i foerste recon, slet?(y/n)
- Tilt: 0.0 grader

1.2 Scan

- Quality ref. mAs: 0
- Eff. mAs: 367
- kV: 120
- Scan time: 10.460 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 0.60 mm
- Pitch: 1.0000000
- Direction: Craniocaudal

1.3 Recons

1.3.1 Recon 1

- Series description: Topogram Ben 0.6 T80s
- Slice: 0.60
- Kernel: T80s sharp
- Window: Topogram Body
- Extended FoV: Off
- FoV: 0
- Center X: 0
- Center Y: 0
- Mirroring: LeftRight
- Extended CT scale: Standard
- Recon job: Axial
- Recon Axis: Axial
- Image order: Craniocaudal
- Recon increment: 0.100
- No. of images: 1

2 CT Ben

2.1 Routine

- Eff. mAs: 225
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDIvol: 15.1475mGy

- Scan time: 12.680 s
- Delay: 4.000 s
- Slice: 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: 12.680 s
- Rotation time: 0.500 s
- Delay: 4.000 s
- Slice: 3.00 mm
- Pitch: 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: Abdomen
- 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: 274

2.3.2 Recon 2

- Series description: CT Ben 3.0 B30f
- Slice: 3.00
- Kernel: B30f medium smooth
- 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: 3.000
- No. of images: 274

3 Pause

4 PET Ben

4.1 Routine

- Isotope: F-18
- Pharm.: FDG
- Inj. Dose: 10 MegaBequerels
- Scan mode: Sinogram
- Scan range: Match CT FOV
- No. of beds: 1
- Scan duration/bed: 2 Minutes

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 WB Corrected
- 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

4.3.2 Recon 2

- Series description: PET WB Uncorrected
- Recon range (bed): -1 to -1
- Output image type: Uncorrected
- 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: Off
- Match CT slice location: On
- Save intermediate data: Off