WB_FDG_PET_5.MlAdult

27. september 2012

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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: None

• Kernel: T80s sharp

• Window: Topogram Body

2 CT WB

2.1 Routine

• Eff. mAs: 40

• kV: 18

• CARE Dose4D: Off

• CTDlvol: 2.70069mGy

 \bullet Scan time: 0.8000000 s

• Delay: 4.000 s

• Slice: 3.00 mm

• No. of images: Samme som i foerste recon, slet?(y/n)

• Tilt: 40 grader

2.2 Scan

• Quality ref. mAs: 50

• Eff. mAs: 40

• kV: 120

• Scan time: 18.670 s

 \bullet Rotation time: 0.500 s

• Delay: 4.000 s

• Slice: 0.6 mm

• Pitch: 0.8000000

• Direction: Craniocaudal

2.3 Recon

2.3.1 Recon 1

 $\bullet\,$ 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

3 Pause

4 PET WB

4.1 Routine

• Isotope: F-18

• Pharm.: FDG

• Inj. Dose: 400 MegaBequerels

• Inj. date (date/month - year): 23/03 - 2011

• Inj. time: 13:06:00

• Scan mode: Sinogram

• Scan range: Match CT FOV

• No. of beds: 1

• Scan duration/bed: 150 PtSecond

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 Recon

4.3.1 Recon 1

- Series description: PET WB Corrected
- Recon range (bed): ups..
- 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

- $\bullet\,$ Series description: PET WB Corr. True X 2 mm
- Recon range (bed): ups..
- 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