

lavdosisCTHjerne.Adult\_PET4

7. marts 2013

# Indhold

|          |                   |          |
|----------|-------------------|----------|
| <b>1</b> | <b>Topogram</b>   | <b>1</b> |
| 1.1      | Routine . . . . . | 1        |
| 1.2      | Scan . . . . .    | 1        |
| <b>2</b> | <b>CT Brain</b>   | <b>1</b> |
| 2.1      | Routine . . . . . | 1        |
| 2.2      | Scan . . . . .    | 1        |
| 2.3      | Recons . . . . .  | 2        |
| 2.3.1    | Recon 1 . . . . . | 2        |
| 2.3.2    | Recon 2 . . . . . | 2        |

# **1 Topogram**

## **1.1 Routine**

- mA: 35
- kV: 120
- Topogram length: 256 mm
- Tube position: Lateral

## **1.2 Scan**

- mA: 35
- kV: 120
- Delay: 4s
- Topogram length: 256 mm
- Direction: Craniocaudal
- Tube position: Lateral
- API: API
- Kernel: 20
- Window: Topogram

# **2 CT Brain**

## **2.1 Routine**

- Eff. mAs: 30
- kV: 120
- CARE Dose4D: On
- CareDoseType: CareDoseAEC
- CTDIvol: 5.12404mGy
- Scan time: 2.444 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: 30
- Eff. mAs: 30
- kV: 120
- Scan time: 2.444 s
- Rotation time: 1.000 s
- Delay: 2.000 s
- Slice: 3 mm
- Pitch: 1.50

- Direction: Craniocaudal

## **2.3 Recons**

### **2.3.1 Recon 1**

- Series description: CT Brain RTD
- Slice: 1.5
- Kernel: H19s
- Window: Cerebrum
- Extended FoV: Off
- FoV: 300
- 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: 7

### **2.3.2 Recon 2**

- Series description: AC CT
- Slice: 3
- Kernel: H19s
- Window: Cerebrum
- Extended FoV: Off
- FoV: 300
- 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: 1