

Patient: AHMED SABBARH (male, *1952-08-13, #RF67307)
Series: Dose SR (#10002)
Manufacturer: UIH (uCT 530, #300183)
Preliminary Flag: FINAL
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2025-08-13 13:07:40

X-Ray Radiation Dose Report

Concept Modifier: Procedure reported [[Annex 1](#)]
Observation Context: Observer Type = Device (121007, DCM)
Observation Context: Device Observer UID = 300183
Observation Context: Start of X-Ray Irradiation = 2025-08-13 13:04:32 +00:00
Observation Context: End of X-Ray Irradiation = 2025-08-13 13:05:34 +00:00
Observation Context: Scope of Accumulation [[Annex 2](#)]

Source of Dose Information:
Automated Data Collection (113856, DCM)

CT Accumulated Dose Data

Total Number of Irradiation Events:
2 {events}
CT Dose Length Product Total:
809.14 mGy.cm

CT Acquisition

Acquisition Protocol:
Scout
Target Region:
Spine (T-D0146, SRT)
CT Acquisition Type:
Constant Angle Acquisition (113805, DCM)
Irradiation Event UID:
1.2.156.112605.189250942751537.250813130355.9.7020.37734

CT Acquisition Parameters

Exposure Time:
3.858626 s
Scanning Length:
652.0736 mm
Nominal Single Collimation Width:
0.55 mm
Nominal Total Collimation Width:
2.2 mm

Number of X-Ray Sources:

1 {X-Ray sources}

CT X-Ray Source Parameters**Identification of the XRay Source:**

A

KVP:

120 kV

Maximum X-Ray Tube Current:

120.9086 mA

X-Ray Tube Current:

80 mA

CT Dose**Mean CTDIvol:**

0.07630154 mGy

CTDIw Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

4.98 mGy.cm

CT Acquisition**Acquisition Protocol:**

L-Spine

Target Region:

Spine (T-D0146, SRT)

CT Acquisition Type:

Spiral Acquisition (P5-08001, SRT)

Irradiation Event UID:

1.2.156.112605.189250942751537.250813130355.9.7020.61962

CT Acquisition Parameters**Exposure Time:**

20.03523 s

Scanning Length:

513.9716 mm

Nominal Single Collimation Width:

0.55 mm

Nominal Total Collimation Width:

22 mm

Pitch Factor:

0.975 {ratio}

Number of X-Ray Sources:

1 {X-Ray sources}

CT X-Ray Source Parameters**Identification of the XRay Source:**

A
KVP:
120 kV
Maximum X-Ray Tube Current:
329.3845 mA
X-Ray Tube Current:
218.1563 mA
Exposure Time per Rotation:
0.8 s

CT Dose

Mean CTDI_{vol}:
14.95581 mGy
CTDI_w Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
804.16 mGy.cm

Annex

[Annex 1](#)

Procedure reported:
Computed Tomography XRay (P5-08000, SRT)
Concept Modifier: Has Intent = Diagnostic Intent (R-408C3, SRT)

[Annex 2](#)

Scope of Accumulation:
Study (113014, DCM)

Properties: Study Instance UID = 1.2.840.4892943.343.20250813125514.9973.73809

This page was generated from a DICOM Structured Reporting document by [OFFIS DCMTK](#) 3.6.5.