

Patient: ABDELMAJID MOUHANDIZ (male, *1958-01-21, #RF65358)
Series: Dose SR (#10002)
Manufacturer: UIH (uCT 530, #300183)
Preliminary Flag: FINAL
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2025-06-26 18:10:50

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 = 2025-06-26 18:04:45 +00:00
Observation Context: End of X-Ray Irradiation = 2025-06-26 18:10:48 +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:
7 {events}
CT Dose Length Product Total:
1482.43 mGy.cm

CT Acquisition

Acquisition Protocol:
Scout
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Constant Angle Acquisition (113805, DCM)
Irradiation Event UID:
1.2.156.112605.189250942751537.250626175626.9.6960.34632

CT Acquisition Parameters

Exposure Time:
2.861728 s
Scanning Length:
452.1054 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:

85.57238 mA

X-Ray Tube Current:

40 mA

CT Dose**Mean CTDIvol:**

0.04170524 mGy

CTDIw Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

1.89 mGy.cm

CT Acquisition**Acquisition Protocol:**

Abdomen Helical

Target Region:

Abdomen (T-D4000, SRT)

CT Acquisition Type:

Spiral Acquisition (P5-08001, SRT)

Irradiation Event UID:

1.2.156.112605.189250942751537.250626175626.9.6960.54632

CT Acquisition Parameters**Exposure Time:**

8.994322 s

Scanning Length:

242.4484 mm

Nominal Single Collimation Width:

0.55 mm

Nominal Total Collimation Width:

22 mm

Pitch Factor:

1.075 {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:
368.6899 mA
X-Ray Tube Current:
192.1563 mA
Exposure Time per Rotation:
0.8 s

CT Dose

Mean CTDI_{vol}:
11.99935 mGy
CTDI_w Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
319.55 mGy.cm

CT Acquisition

Acquisition Protocol:
Locator
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Sequenced Acquisition (113804, DCM)
Irradiation Event UID:
1.2.156.112605.189250942751537.250626180549.9.6960.27025

CT Acquisition Parameters

Exposure Time:
0.8508676 s
Scanning Length:
11 mm
Nominal Single Collimation Width:
0.55 mm
Nominal Total Collimation Width:
11 mm
Pitch Factor:
0 {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:

59.39587 mA

X-Ray Tube Current:

51.25 mA

Exposure Time per Rotation:

0.8508676 s

CT Dose

Mean CTDIvol:

4.347747 mGy

CTDIw Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

4.78 mGy.cm

CT Acquisition

Acquisition Protocol:

Tracker

Target Region:

Chest (T-D3000, SRT)

CT Acquisition Type:

Sequenced Acquisition (113804, DCM)

Irradiation Event UID:

1.2.156.112605.189250942751537.250626180655.9.6960.44013

CT Acquisition Parameters

Exposure Time:

5.1004 s

Scanning Length:

11 mm

Nominal Single Collimation Width:

0.55 mm

Nominal Total Collimation Width:

11 mm

Pitch Factor:

0 {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:

60.90213 mA

X-Ray Tube Current:

50 mA

Exposure Time per Rotation:

0.8500667 s

CT Dose

Mean CTDI_{vol}:

25.91225 mGy

CTDI_w Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

28.5 mGy.cm

CT Acquisition

Acquisition Protocol:

Abdomen Helical ART

Target Region:

Abdomen (T-D4000, SRT)

CT Acquisition Type:

Spiral Acquisition (P5-08001, SRT)

Irradiation Event UID:

1.2.156.112605.189250942751537.250626180655.9.6960.97026

CT Acquisition Parameters

Exposure Time:

8.810312 s

Scanning Length:

237.0226 mm

Nominal Single Collimation Width:

0.55 mm

Nominal Total Collimation Width:

22 mm

Pitch Factor:

1.075 {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:

368.3846 mA

X-Ray Tube Current:

193.5 mA

Exposure Time per Rotation:

0.8 s

CT Dose

Mean CTDI_{vol}:

12.05318 mGy

CTDI_w Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

314.63 mGy.cm

CT Acquisition

Acquisition Protocol:

Abdomen Helical PORT

Target Region:

Abdomen (T-D4000, SRT)

CT Acquisition Type:

Spiral Acquisition (P5-08001, SRT)

Irradiation Event UID:

1.2.156.112605.189250942751537.250626180752.9.6960.63090

CT Acquisition Parameters

Exposure Time:

14.13289 s

Scanning Length:

394.4213 mm

Nominal Single Collimation Width:

0.55 mm

Nominal Total Collimation Width:

22 mm

Pitch Factor:

1.075 {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:

369.9316 mA

X-Ray Tube Current:

189.4688 mA

Exposure Time per Rotation:

0.8 s

CT Dose

Mean CTDI_{vol}:

11.79899 mGy

CTDI_w Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

493.62 mGy.cm

CT Acquisition

Acquisition Protocol:

TARDIF FOIE

Target Region:

Abdomen (T-D4000, SRT)

CT Acquisition Type:

Spiral Acquisition (P5-08001, SRT)

Irradiation Event UID:

1.2.156.112605.189250942751537.250626180752.9.6960.101804

CT Acquisition Parameters

Exposure Time:

8.960111 s

Scanning Length:

241.3767 mm

Nominal Single Collimation Width:

0.55 mm

Nominal Total Collimation Width:

22 mm

Pitch Factor:

1.075 {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:

368.7103 mA

X-Ray Tube Current:

193.5 mA

Exposure Time per Rotation:

0.8 s

CT Dose

Mean CTDI_{vol}:

12.04195 mGy

CTDI_w Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

319.46 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 = 1.2.840.4892943.343.20250626055123.4503.71654

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