Patient:	Fatna DIOUANI (female, *1944-08-26, #RF84255)
Series:	Dose SR (#10002)
Manufacturer:	UIH (uCT 530, #300183)
Preliminary Flag:	FINAL
Completion Flag:	COMPLETE
Verification Flag:	UNVERIFIED
Content Date/Time:	2026-11-12 12:55:41

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 = 2026-11-12 12:51:08 +00:00
Observation Context: End of X-Ray Irradiation = 2026-11-12 12:55:39 +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:
6 {events}
CT Dose Length Product Total:
568.78 mGy.cm

CT Acquisition

Acquisition Protocol:
Scout
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Constant Angle Acquisition (113805, DCM)
Irradiation Event UID:
1.2.156.112605.137174094783624.261112125025.9.7040.34134

CT Acquisition Parameters

Exposure Time:
2.859172 s
Scanning Length:
452.102 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:
101.6121 mA
X-Ray Tube Current:
40 mA

CT Dose

Mean CTDIvol:
0.04175741 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
1.89 mGy.cm

CT Acquisition

Acquisition Protocol:
Non Contrast
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.261112125025.9.7040.52661

CT Acquisition Parameters

Exposure Time:
9.805256 s
Scanning Length:
368.9109 mm
Nominal Single Collimation Width:
0.55 mm
Nominal Total Collimation Width:
22 mm
Pitch Factor:
1.275 {ratio}
Number of X-Ray Sources:
1 {X-Ray sources}

CT X-Ray Source Parameters

Identification of the XRay Source:

A
KVP:
100 kV
Maximum X-Ray Tube Current:
359.4284 mA
X-Ray Tube Current:
149.3571 mA
Exposure Time per Rotation:
0.7 s

CT Dose

Mean CTDIvol:
4.059581 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
159.8 mGy.cm

CT Acquisition

Acquisition Protocol:
Locator
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Sequenced Acquisition (113804, DCM)
Irradiation Event UID:
1.2.156.112605.137174094783624.261112125025.9.7040.72661

CT Acquisition Parameters

Exposure Time:
0.5504109 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:

87.99463 mA
X-Ray Tube Current:
80 mA
Exposure Time per Rotation:
0.5504109 s

CT Dose

Mean CTDIvol:
4.38216 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
4.82 mGy.cm

CT Acquisition

Acquisition Protocol:
Tracker
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Sequenced Acquisition (113804, DCM)
Irradiation Event UID:
1.2.156.112605.137174094783624.261112125418.9.7040.31937

CT Acquisition Parameters

Exposure Time:
3.301554 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:
89.43983 mA
X-Ray Tube Current:
78 mA
Exposure Time per Rotation:

0.5502589 s

CT Dose

Mean CTDIvol:
26.13557 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
28.75 mGy.cm

CT Acquisition

Acquisition Protocol:
Aorta CTA
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.261112125418.9.7040.68681

CT Acquisition Parameters

Exposure Time:
6.739114 s
Scanning Length:
323.899 mm
Nominal Single Collimation Width:
0.55 mm
Nominal Total Collimation Width:
22 mm
Pitch Factor:
1.175 {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:
381.2083 mA
X-Ray Tube Current:
150.4 mA
Exposure Time per Rotation:
0.5 s

CT Dose

Mean CTDIvol:
5.338923 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
186.54 mGy.cm

CT Acquisition

Acquisition Protocol:
Aorta CTA
Target Region:
Chest (T-D3000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.261112125521.9.7040.25062

CT Acquisition Parameters

Exposure Time:
6.742481 s
Scanning Length:
323.9006 mm
Nominal Single Collimation Width:
0.55 mm
Nominal Total Collimation Width:
22 mm
Pitch Factor:
1.175 {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:
381.1676 mA
X-Ray Tube Current:
150.4 mA
Exposure Time per Rotation:
0.5 s

CT Dose

Mean CTDIvol:
5.353224 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)

DLP:
186.98 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 = 1.2.840.4892943.343.20261112115127.1976.92581

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