Patient:	Mohamed BENBOUCHAIB (male, *1970-08-24, #RF81040)
Series:	Dose SR (#10002)
Manufacturer:	UIH (uCT 530, #300183)
Preliminary Flag:	FINAL
Completion Flag:	COMPLETE
Verification Flag:	UNVERIFIED
Content Date/Time:	2026-08-24 15:55:41

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 = 2026-08-24 15:28:30 +00:00
Observation Context: End of X-Ray Irradiation = 2026-08-24 15:52:58 +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:
5 {events}
CT Dose Length Product Total:
1570.55 mGy.cm

CT Acquisition

Acquisition Protocol:
Scout
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Constant Angle Acquisition (113805, DCM)
Irradiation Event UID:
1.2.156.112605.137174094783624.260824152747.9.6760.35752

CT Acquisition Parameters

Exposure Time:
2.863533 s
Scanning Length:
452.1086 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:
73.64436 mA
X-Ray Tube Current:
40 mA

CT Dose

Mean CTDIvol:
0.04177431 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
1.89 mGy.cm

CT Acquisition

Acquisition Protocol:
Non Contrast
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.260824152747.9.6760.55752

CT Acquisition Parameters

Exposure Time:
16.84369 s
Scanning Length:
474.466 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:
289.2648 mA
X-Ray Tube Current:
189.4688 mA
Exposure Time per Rotation:
0.8 s

CT Dose

Mean CTDIvol:
11.81805 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
588.95 mGy.cm

CT Acquisition

Acquisition Protocol:
Arterial Phase
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.260824153031.9.6760.39092

CT Acquisition Parameters

Exposure Time:
4.051864 s
Scanning Length:
113.14 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:

287.6974 mA
X-Ray Tube Current:
184.2857 mA
Exposure Time per Rotation:
0.7 s

CT Dose

Mean CTDIvol:
9.994327 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
137.29 mGy.cm

CT Acquisition

Acquisition Protocol:
Arterial Phase
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.260824154834.9.6760.25143

CT Acquisition Parameters

Exposure Time:
9.975663 s
Scanning Length:
313.4201 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:
287.7585 mA
X-Ray Tube Current:
175.0714 mA
Exposure Time per Rotation:

0.7 s

CT Dose

Mean CTDIvol:
9.510106 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
321.13 mGy.cm

CT Acquisition

Acquisition Protocol:
Venous Phase
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Spiral Acquisition (P5-08001, SRT)
Irradiation Event UID:
1.2.156.112605.137174094783624.260824153524.9.6760.79592

CT Acquisition Parameters

Exposure Time:
17.95488 s
Scanning Length:
507.4524 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:
256.0862 mA
X-Ray Tube Current:
157.2188 mA
Exposure Time per Rotation:
0.8 s

CT Dose

Mean CTDIvol:
9.810454 mGy
CTDIw Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
521.29 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 = 1.2.840.4892943.343.20260824030921.2822.89040

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