

Patient: AHMED KAROICHE (male, *1958-01-01, #RF64091)
Series: Dose SR (#10002)
Manufacturer: UIH (uCT 530, #300183)
Preliminary Flag: FINAL
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2025-05-27 09:38:57

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 = 2025-05-27 09:36:08 +00:00
Observation Context: End of X-Ray Irradiation = 2025-05-27 09:38:52 +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:
4 {events}
CT Dose Length Product Total:
1408.35 mGy.cm

CT Acquisition

Acquisition Protocol:
Scout
Target Region:
Abdomen (T-D4000, SRT)
CT Acquisition Type:
Constant Angle Acquisition (113805, DCM)
Irradiation Event UID:
1.2.156.112605.189250942751537.250527093515.9.6996.32106

CT Acquisition Parameters

Exposure Time:
4.11179 s
Scanning Length:
702.0529 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:

70.53004 mA

X-Ray Tube Current:

40 mA

CT Dose**Mean CTDIvol:**

0.03855132 mGy

CTDIw Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

2.71 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:

1.2.156.112605.189250942751537.250527093515.9.6996.52106

CT Acquisition Parameters**Exposure Time:**

9.23049 s

Scanning Length:

249.3806 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:
351.9378 mA
X-Ray Tube Current:
204.25 mA
Exposure Time per Rotation:
0.8 s

CT Dose

Mean CTDI_{vol}:
12.75451 mGy
CTDI_w Phantom Type:
IEC Body Dosimetry Phantom (113691, DCM)
DLP:
348.74 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:
1.2.156.112605.189250942751537.250527093515.9.6996.95335

CT Acquisition Parameters

Exposure Time:
18.51862 s
Scanning Length:
601.9637 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:

378.094 mA

X-Ray Tube Current:

179.6786 mA

Exposure Time per Rotation:

0.7 s

CT Dose

Mean CTDIvol:

9.834509 mGy

CTDIw Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

615.77 mGy.cm

CT Acquisition

Acquisition Protocol:

Portal Phase

Target Region:

Abdomen (T-D4000, SRT)

CT Acquisition Type:

Spiral Acquisition (P5-08001, SRT)

Irradiation Event UID:

1.2.156.112605.189250942751537.250527093515.9.6996.123863

CT Acquisition Parameters

Exposure Time:

12.96602 s

Scanning Length:

414.432 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:

363.703 mA

X-Ray Tube Current:

184.2857 mA

Exposure Time per Rotation:

0.7 s

CT Dose

Mean CTDI_{vol}:

10.05535 mGy

CTDI_w Phantom Type:

IEC Body Dosimetry Phantom (113691, DCM)

DLP:

441.13 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 = 1.2.840.4892943.343.20250527091259.2551.70277

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