

Patient: CELIO LOPEZ HERNANDEZ 41A (male, #2408202606)
Referring Physician: DR JORDAN
Study: T.C ABDOMEN SYC (#7354)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-08-24 14:14:43

X-Ray Radiation Dose Report

(observed: 2026-08-24 14:25:54)

Concept Modifier: Procedure reported [[Annex 1](#)]
Observation Context: Observer Type = Device (121007, DCM)
Observation Context: Device Observer UID = 1.2.840.113619.6.278
Observation Context: Device Observer Name = "MWICT540"
Observation Context: Device Observer Manufacturer = "GE Medical Systems"
Observation Context: Device Observer Model Name = "Optima CT540"
Observation Context: Device Observer Serial Number = "*"
Observation Context: Device Role in Procedure = Irradiating Device (113859, DCM)
Observation Context: Device Role in Procedure = Recording (121097, DCM)
Observation Context: Start of X-Ray Irradiation = 2026-08-24 14:14:43
Observation Context: End of X-Ray Irradiation = 2026-08-24 14:25:54
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

7 {events} 2181.32 mGy.cm

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576600.611

CT Acquisition Parameters

5.6 s 568.36 mm 64.36 mm -504.0 mm 1.25 mm 5.0 mm 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 10.0 mA 10.0 mA

CT Dose

0.07 mGy IEC Body Dosimetry Phantom 3.85 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576600.613

CT Acquisition Parameters

5.6 s 568.36 mm 64.36 mm -504.0 mm 1.25 mm 5.0 mm 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 10.0 mA 10.0 mA

CT Dose

0.07 mGy IEC Body Dosimetry Phantom 3.85 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576600.616

CT Acquisition Parameters

12.32 s 564.61 mm 536.0 mm 585.34 mm 49.27 mm -486.73 mm 63.79 mm -500.81 mm
1.2.840.113619.2.278.3.2831181000.578.1787576600.609.15555.5 1.25 mm 20.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 440.0 mA 247.0 mA 0.6 s

CT Dose

9.54 mGy IEC Body Dosimetry Phantom 538.83 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Stationary Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576601.158

CT Acquisition Parameters

1.8 s 10.0 mm 10.0 mm 9.78 mm -0.22 mm 9.78 mm -0.22 mm
1.2.840.113619.2.278.3.2831181000.578.1787576600.609.15555.5 2.5 mm 10.0 mm 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 100.0 mA 100.0 mA 0.6 s

CT Dose

17.85 mGy IEC Body Dosimetry Phantom 17.85 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576600.798

CT Acquisition Parameters

12.32 s 564.61 mm 536.0 mm 585.34 mm 49.27 mm -486.73 mm 63.79 mm -500.81 mm
1.2.840.113619.2.278.3.2831181000.578.1787576600.609.15555.5 1.25 mm 20.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 440.0 mA 246.7 mA 0.6 s

CT Dose

9.53 mGy IEC Body Dosimetry Phantom 538.18 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576600.977

CT Acquisition Parameters

12.32 s 564.61 mm 536.0 mm 585.34 mm 49.27 mm -486.73 mm 63.36 mm -501.24 mm
1.2.840.113619.2.278.3.2831181000.578.1787576600.609.15555.5 1.25 mm 20.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 440.0 mA 247.6 mA 0.6 s

CT Dose

9.57 mGy IEC Body Dosimetry Phantom 540.14 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.578.1787576601.202

CT Acquisition Parameters

12.32 s 564.61 mm 536.0 mm 585.34 mm 49.27 mm -486.73 mm 63.79 mm -500.81 mm
1.2.840.113619.2.278.3.2831181000.578.1787576600.609.15555.5 1.25 mm 20.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 440.0 mA 246.9 mA 0.6 s

CT Dose

9.54 mGy IEC Body Dosimetry Phantom 538.61 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

Source of Dose Information:

Automated Data Collection (113856, DCM)

Annex

[Annex 1](#)

Procedure reported:

Computed Tomography X-Ray (P5-08000, SRT)

Concept Modifier: Has Intent = Diagnostic Intent (R-408C3, SRT)

[Annex 2](#)

Scope of Accumulation:

Study (113014, DCM)

Properties: Study Instance UID = 1.2.840.113619.2.278.3.2831181000.578.1787576600.607

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