

Patient: JOSE GUADALUPE LOPEZ CASTILLO 41 (male, #3006202608)
Referring Physician: IMSS
Study: T.C ABDOMEN SYC (#6884)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-06-30 18:36:38

X-Ray Radiation Dose Report

(observed: 2026-06-30 18:46:47)

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 = 2026-06-30 18:36:38
Observation Context: End of X-Ray Irradiation = 2026-06-30 18:46:47
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

7 {events} 3243.95 mGy.cm

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.935.1782824363.196

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
1.2.840.113619.2.278.3.2831181000.935.1782824363.198

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
1.2.840.113619.2.278.3.2831181000.935.1782824363.201

CT Acquisition Parameters

12.45 s 570.61 mm 542.0 mm 591.34 mm 155.78 mm -386.23 mm 170.29 mm -400.31 mm
1.2.840.113619.2.278.3.2831181000.935.1782824363.194.16490.5 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 364.8 mA 0.6 s

CT Dose

14.1 mGy IEC Body Dosimetry Phantom 804.27 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
1.2.840.113619.2.278.3.2831181000.935.1782824363.749

CT Acquisition Parameters

3.0 s 10.0 mm 10.0 mm 158.0 mm 148.0 mm 158.0 mm 148.0 mm
1.2.840.113619.2.278.3.2831181000.935.1782824363.194.16490.5 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

29.75 mGy IEC Body Dosimetry Phantom 29.75 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
1.2.840.113619.2.278.3.2831181000.935.1782824363.385

CT Acquisition Parameters

12.45 s 570.61 mm 542.0 mm 591.34 mm 155.78 mm -386.23 mm 170.29 mm -400.31 mm
1.2.840.113619.2.278.3.2831181000.935.1782824363.194.16490.5 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 362.3 mA 0.6 s

CT Dose

14.0 mGy IEC Body Dosimetry Phantom 798.76 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
1.2.840.113619.2.278.3.2831181000.935.1782824363.566

CT Acquisition Parameters

12.45 s 570.61 mm 542.0 mm 591.34 mm 155.77 mm -386.23 mm 169.86 mm -400.74 mm
1.2.840.113619.2.278.3.2831181000.935.1782824363.194.16490.5 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 364.4 mA 0.6 s

CT Dose

14.08 mGy IEC Body Dosimetry Phantom 803.39 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
1.2.840.113619.2.278.3.2831181000.935.1782824363.793

CT Acquisition Parameters

12.45 s 570.61 mm 542.0 mm 591.34 mm 155.78 mm -386.23 mm 170.29 mm -400.31 mm
1.2.840.113619.2.278.3.2831181000.935.1782824363.194.16490.5 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 362.9 mA 0.6 s

CT Dose

14.02 mGy IEC Body Dosimetry Phantom 800.08 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 = 1.2.840.113619.2.278.3.2831181000.935.1782824363.192

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