

Patient: SERGIO DE JESUS VICTORIO MENDEZ (male, #2406202607)
Referring Physician: DR. CELESTINO RAMOS
Study: T.C TORACOABDOMEN SYNC (#6832)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-06-24 15:45:11

X-Ray Radiation Dose Report

(observed: 2026-06-24 15:55:47)

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 = 2026-06-24 15:45:11
Observation Context: End of X-Ray Irradiation = 2026-06-24 15:55:47
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

8 {events} 2092.96 mGy.cm

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.8.1782306344.466

CT Acquisition Parameters

7.6 s 768.36 mm 64.36 mm -704.0 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 5.2 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
1.2.840.113619.2.278.3.2831181000.8.1782306344.468

CT Acquisition Parameters

7.6 s 768.36 mm 64.36 mm -704.0 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 5.2 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
1.2.840.113619.2.278.3.2831181000.8.1782306344.471

CT Acquisition Parameters

25.84 s 710.65 mm 695.0 mm 723.34 mm 90.7 mm -604.29 mm 98.66 mm -611.99 mm
1.2.840.113619.2.278.3.2831181000.8.1782306344.464.17300.5 0.62 mm 10.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 400.0 mA 162.1 mA 0.5 s

CT Dose

6.52 mGy IEC Body Dosimetry Phantom 463.63 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
1.2.840.113619.2.278.3.2831181000.8.1782306345.173

CT Acquisition Parameters

3.6 s 10.0 mm 10.0 mm -45.37 mm -55.37 mm -45.37 mm -55.37 mm
1.2.840.113619.2.278.3.2831181000.8.1782306344.464.17300.5 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

35.7 mGy IEC Body Dosimetry Phantom 35.7 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
1.2.840.113619.2.278.3.2831181000.8.1782306344.707

CT Acquisition Parameters

15.79 s 723.61 mm 695.0 mm 744.34 mm 90.7 mm -604.29 mm 105.22 mm -618.38 mm
1.2.840.113619.2.278.3.2831181000.8.1782306344.464.17300.5 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 156.6 mA 0.6 s

CT Dose

6.05 mGy IEC Body Dosimetry Phantom 437.83 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.8.1782306344.939

CT Acquisition Parameters

15.79 s 723.61 mm 695.0 mm 744.34 mm 90.71 mm -604.29 mm 104.79 mm -618.81 mm
1.2.840.113619.2.278.3.2831181000.8.1782306344.464.17300.5 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 156.4 mA 0.6 s

CT Dose

6.04 mGy IEC Body Dosimetry Phantom 437.27 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.8.1782306345.217

CT Acquisition Parameters

12.65 s 579.61 mm 551.0 mm 600.34 mm -61.88 mm -612.88 mm -47.36 mm -626.96 mm
1.2.840.113619.2.278.3.2831181000.8.1782306344.464.17300.5 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 158.1 mA 0.6 s

CT Dose

6.11 mGy IEC Body Dosimetry Phantom 354.06 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
1.2.840.113619.2.278.3.2831181000.8.1782306345.403

CT Acquisition Parameters

12.65 s 579.61 mm 551.0 mm 600.34 mm -61.88 mm -612.88 mm -47.36 mm -626.96 mm
1.2.840.113619.2.278.3.2831181000.8.1782306344.464.17300.5 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 158.1 mA 0.6 s

CT Dose

6.11 mGy IEC Body Dosimetry Phantom 354.06 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 = 1.2.840.113619.2.278.3.2831181000.8.1782306344.462

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