

Patient: JOSE ANGEL MERCADO TORRES (male, #0809202615)
Referring Physician: HOSP NAVAL
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-09-08 18:45:01

X-Ray Radiation Dose Report

(observed: 2026-09-08 18:56:21)

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 = 2026-09-08 18:45:01
Observation Context: End of X-Ray Irradiation = 2026-09-08 18:56:21
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

6 {events} 2768.52 mGy.cm

CT Acquisition

5.3 TORAX / ABDOMEN Chest Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.82.1788873236.386

CT Acquisition Parameters

3.41 s 349.7 mm 154.36 mm -195.34 mm 1.25 mm 5.0 mm 1 {X-Ray sources}

CT X-Ray Source Parameters

1 80.0 kV 10.0 mA 10.0 mA

CT Dose

0.02 mGy IEC Body Dosimetry Phantom 0.75 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.3 TORAX / ABDOMEN Chest Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.82.1788873236.390

CT Acquisition Parameters

3.82 s 390.1 mm 154.36 mm -235.74 mm 1.25 mm 5.0 mm 1 {X-Ray sources}

CT X-Ray Source Parameters

1 80.0 kV 10.0 mA 10.0 mA

CT Dose

0.02 mGy IEC Body Dosimetry Phantom 0.83 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.3 TORAX / ABDOMEN Chest Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.82.1788873236.393

CT Acquisition Parameters

25.36 s 339.58 mm 326.5 mm 352.27 mm 121.06 mm -205.44 mm 127.53 mm -212.04 mm
1.2.840.113619.2.278.3.2831181000.82.1788873236.384.6340.1 0.62 mm 10.0 mm 0.94 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 300.0 mA 290.1 mA 0.7 s

CT Dose

46.83 mGy IEC Head Dosimetry Phantom 1590.31 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.3 TORAX / ABDOMEN Chest Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.82.1788873236.578

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

5.3 TORAX / ABDOMEN Chest Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.82.1788873236.582

CT Acquisition Parameters

7.33 s 741.8 mm 64.36 mm -677.44 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 5.02 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.3 TORAX / ABDOMEN Chest Spiral Acquisition
1.2.840.113619.2.278.3.2831181000.82.1788873236.585

CT Acquisition Parameters

28.9 s 794.65 mm 779.0 mm 807.34 mm 30.25 mm -748.75 mm 38.2 mm -756.44 mm
1.2.840.113619.2.278.3.2831181000.82.1788873236.384.7480.1 0.62 mm 10.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 365.0 mA 364.7 mA 0.5 s

CT Dose

14.68 mGy IEC Body Dosimetry Phantom 1166.4 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 = 1.2.840.113619.2.278.3.2831181000.82.1788873236.382

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