

Patient: FRANCISCA HERRERA ESCOBAR 73A (female, #0607202604)
Referring Physician: DR CESAR HERNANDEZ ALESSIO
Study: TORAX SYC (#6923)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-07-06 11:49:52

X-Ray Radiation Dose Report

(observed: 2026-07-06 11:56:07)

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 = 2026-07-06 11:49:52
Observation Context: End of X-Ray Irradiation = 2026-07-06 11:56:07
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

6 {events} 474.31 mGy.cm

CT Acquisition

5.2 TORAX ANGIO Chest Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.191.1783342812.308

CT Acquisition Parameters

4.1 s 418.36 mm 64.36 mm -354.0 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 2.83 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.2 TORAX ANGIO Chest Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.191.1783342812.310

CT Acquisition Parameters

4.1 s 418.36 mm 64.36 mm -354.0 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 2.83 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.2 TORAX ANGIO Chest Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.191.1783342812.313

CT Acquisition Parameters

13.3 s 365.65 mm 350.0 mm 378.34 mm 17.76 mm -332.24 mm 25.71 mm -339.93 mm
1.2.840.113619.2.278.3.2831181000.191.1783342812.306.15110.5 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 100.5 mA 0.5 s

CT Dose

4.04 mGy IEC Body Dosimetry Phantom 147.9 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.2 TORAX ANGIO Chest Stationary Acquisition
1.2.840.113619.2.278.3.2831181000.191.1783342812.670

CT Acquisition Parameters

2.5 s 10.0 mm 10.0 mm -90.74 mm -100.74 mm -90.74 mm -100.74 mm
1.2.840.113619.2.278.3.2831181000.191.1783342812.306.15110.5 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 0.5 s

CT Dose

24.79 mGy IEC Body Dosimetry Phantom 24.79 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.2 TORAX ANGIO Chest Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.191.1783342812.434

CT Acquisition Parameters

13.3 s 365.65 mm 350.0 mm 378.34 mm 17.76 mm -332.24 mm 25.71 mm -339.93 mm
1.2.840.113619.2.278.3.2831181000.191.1783342812.306.15110.5 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 100.5 mA 0.5 s

CT Dose

4.04 mGy IEC Body Dosimetry Phantom 147.9 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

5.2 TORAX ANGIO Chest Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.191.1783342812.551

CT Acquisition Parameters

13.3 s 365.65 mm 350.0 mm 378.34 mm 17.76 mm -332.24 mm 25.45 mm -340.19 mm
1.2.840.113619.2.278.3.2831181000.191.1783342812.306.15110.5 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 100.6 mA 0.5 s

CT Dose

4.05 mGy IEC Body Dosimetry Phantom 148.05 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

Source of Dose Information:

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 = 1.2.840.113619.2.278.3.2831181000.191.1783342812.304

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