

Patient: ANTONIO DE JESUS ABREGO PEREZ 64 (male, #2506202605)
Referring Physician: HGT
Study: TORAX ABDOMEN 'CUELLO (#6839)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-06-25 14:29:37

X-Ray Radiation Dose Report

(observed: 2026-06-25 14:53:25)

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 = 2026-06-25 14:29:37
Observation Context: End of X-Ray Irradiation = 2026-06-25 14:53:25
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

14 {events} 7936.31 mGy.cm

CT Acquisition

6.3 ABDOMEN DUAL Abdomen Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.225.1782392935.313

CT Acquisition Parameters

8.81 s 889.1 mm 64.36 mm -824.74 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 6.02 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
1.2.840.113619.2.278.3.2831181000.225.1782392935.317

CT Acquisition Parameters

9.24 s 932.7 mm 64.36 mm -868.34 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 6.32 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
1.2.840.113619.2.278.3.2831181000.225.1782392935.320

CT Acquisition Parameters

31.73 s 872.65 mm 857.0 mm 885.34 mm 11.17 mm -845.83 mm 19.12 mm -853.52 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.7100.1 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 370.6 mA 0.5 s

CT Dose

14.92 mGy IEC Body Dosimetry Phantom 1301.62 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
1.2.840.113619.2.278.3.2831181000.225.1782392936.184

CT Acquisition Parameters

0.6 s 10.0 mm 10.0 mm -139.0 mm -149.0 mm -139.0 mm -149.0 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.7100.1 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

5.95 mGy IEC Body Dosimetry Phantom 5.95 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
1.2.840.113619.2.278.3.2831181000.225.1782392935.610

CT Acquisition Parameters

19.32 s 885.61 mm 857.0 mm 906.34 mm 11.17 mm -845.83 mm 25.69 mm -859.92 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.7100.1 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 299.1 mA 0.6 s

CT Dose

11.56 mGy IEC Body Dosimetry Phantom 1023.45 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
1.2.840.113619.2.278.3.2831181000.225.1782392935.896

CT Acquisition Parameters

19.32 s 885.61 mm 857.0 mm 906.34 mm 11.17 mm -845.83 mm 25.26 mm -860.35 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.7100.1 1.25 mm 20.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 310.0 mA 267.3 mA 0.6 s

CT Dose

10.33 mGy IEC Body Dosimetry Phantom 914.64 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
1.2.840.113619.2.278.3.2831181000.225.1782392936.228

CT Acquisition Parameters

3.0 s 308.36 mm 154.36 mm -154.0 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 0.66 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
1.2.840.113619.2.278.3.2831181000.225.1782392936.230

CT Acquisition Parameters

3.0 s 308.36 mm 154.36 mm -154.0 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 0.66 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
1.2.840.113619.2.278.3.2831181000.225.1782392936.395

CT Acquisition Parameters

25.91 s 303.58 mm 290.5 mm 316.27 mm 100.04 mm -190.46 mm 106.52 mm -197.06 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.6695.1 0.62 mm 10.0 mm 0.94 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 320.0 mA 320.0 mA 0.8 s

CT Dose

59.04 mGy IEC Head Dosimetry Phantom 1792.3 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
1.2.840.113619.2.278.3.2831181000.225.1782392936.887

CT Acquisition Parameters

0.8 s 10.0 mm 10.0 mm -139.0 mm -149.0 mm -139.0 mm -149.0 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.6695.1 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 0.8 s

CT Dose

15.58 mGy IEC Head Dosimetry Phantom 15.58 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
1.2.840.113619.2.278.3.2831181000.225.1782392937.255

CT Acquisition Parameters

4.8 s 10.0 mm 10.0 mm -139.0 mm -149.0 mm -139.0 mm -149.0 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.6695.1 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 0.8 s

CT Dose

93.45 mGy IEC Head Dosimetry Phantom 93.45 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
1.2.840.113619.2.278.3.2831181000.225.1782392936.929

CT Acquisition Parameters

25.91 s 303.58 mm 290.5 mm 316.27 mm 100.04 mm -190.46 mm 106.52 mm -197.06 mm

1.2.840.113619.2.278.3.2831181000.225.1782392935.303.6695.1 0.62 mm 10.0 mm 0.94 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 225.0 mA 225.0 mA 0.8 s

CT Dose

41.51 mGy IEC Head Dosimetry Phantom 1260.21 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
1.2.840.113619.2.278.3.2831181000.225.1782392937.91

CT Acquisition Parameters

25.91 s 303.58 mm 290.5 mm 315.23 mm 100.04 mm -190.46 mm 106.52 mm -197.06 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.6695.1 0.62 mm 10.0 mm 0.94 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 145.0 mA 145.0 mA 0.8 s

CT Dose

24.81 mGy IEC Head Dosimetry Phantom 753.19 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
1.2.840.113619.2.278.3.2831181000.225.1782392937.300

CT Acquisition Parameters

14.35 s 657.61 mm 629.0 mm 678.34 mm -242.5 mm -871.5 mm -227.98 mm -885.59 mm
1.2.840.113619.2.278.3.2831181000.225.1782392935.303.6695.1 1.25 mm 20.0 mm 1.38 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 300.0 mA 300.0 mA 0.6 s

CT Dose

11.59 mGy IEC Body Dosimetry Phantom 762.25 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 = 1.2.840.113619.2.278.3.2831181000.225.1782392935.301
