

Patient: ALVARO ESCOBAR VELAZQUEZ 78A (male, #0408202610)
Referring Physician: COFAT
Study: CUELLO TORAX SYC (#7176)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-08-04 14:33:30

X-Ray Radiation Dose Report

(observed: 2026-08-04 14:53:47)

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 = 2026-08-04 14:33:30
Observation Context: End of X-Ray Irradiation = 2026-08-04 14:53:47
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

14 {events} 4865.53 mGy.cm

CT Acquisition

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.12

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

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.14

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

1.2 CRANEO ANGIO Head Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.317.1785851920.17

CT Acquisition Parameters

26.24 s 245.95 mm 232.9 mm 258.64 mm 87.65 mm -145.25 mm 94.13 mm -151.82 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.6880.1 0.62 mm 10.0 mm 0.94 {ratio} 1 {X-Ray sources}

CT X-Ray Source Parameters

1 120.0 kV 255.0 mA 255.0 mA 1.0 s

CT Dose

58.81 mGy IEC Head Dosimetry Phantom 1446.4 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.151

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

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.153

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

1.2 CRANEO ANGIO Head Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.317.1785851920.156

CT Acquisition Parameters

11.99 s 329.65 mm 314.0 mm 342.34 mm 56.5 mm -257.5 mm 64.45 mm -265.19 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7845.1 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 164.6 mA 0.5 s

CT Dose

6.62 mGy IEC Body Dosimetry Phantom 218.38 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

1.2 CRANEO ANGIO Head Stationary Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.477

CT Acquisition Parameters

3.5 s 10.0 mm 10.0 mm -28.0 mm -38.0 mm -28.0 mm -38.0 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7845.1 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 0.5 s

CT Dose

34.71 mGy IEC Body Dosimetry Phantom 34.71 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

1.2 CRANEO ANGIO Head Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.317.1785851920.265

CT Acquisition Parameters

11.99 s 329.65 mm 314.0 mm 342.34 mm 56.5 mm -257.5 mm 64.45 mm -265.19 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7845.1 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 164.0 mA 0.5 s

CT Dose

6.6 mGy IEC Body Dosimetry Phantom 217.59 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

1.2 CRANEO ANGIO Head Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.317.1785851920.370

CT Acquisition Parameters

11.99 s 329.65 mm 314.0 mm 342.34 mm 56.5 mm -257.5 mm 64.19 mm -265.45 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7845.1 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 164.3 mA 0.5 s

CT Dose

6.61 mGy IEC Body Dosimetry Phantom 217.98 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.521

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

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.523

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

1.2 CRANEO ANGIO Head Stationary Acquisition
1.2.840.113619.2.278.3.2831181000.317.1785851920.867

CT Acquisition Parameters

4.8 s 10.0 mm 10.0 mm -28.0 mm -38.0 mm -28.0 mm -38.0 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7010.1 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

1.2 CRANEO ANGIO Head Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.317.1785851920.527

CT Acquisition Parameters

27.02 s 316.63 mm 303.1 mm 329.32 mm 151.25 mm -151.85 mm 158.22 mm -158.4 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7010.1 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 1314.35 mGy.cm

Dose Check Alert Details

No Yes 1000.0 mGy

Dose Check Notification Details

No No

CT Acquisition

1.2 CRANEO ANGIO Head Spiral Acquisition 1.2.840.113619.2.278.3.2831181000.317.1785851920.696

CT Acquisition Parameters

27.02 s 316.63 mm 303.1 mm 329.32 mm 151.25 mm -151.85 mm 157.8 mm -158.82 mm
1.2.840.113619.2.278.3.2831181000.317.1785851920.10.7010.1 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 1314.35 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 = 1.2.840.113619.2.278.3.2831181000.317.1785851920.8

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