

Patient: MARICELA HERRERA MANCERA 62A (female, #0607202607)
Referring Physician: DR. ROMEO GUILLÉN
Study: TC. MACIZO F. SYC (#6926)
Series: Dose Record (#997)
Manufacturer: GE Medical Systems (Optima CT540, #*)
Completion Flag: COMPLETE
Verification Flag: UNVERIFIED
Content Date/Time: 2026-07-06 14:59:47

X-Ray Radiation Dose Report

(observed: 2026-07-06 15:05:21)

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 = 2026-07-06 14:59:47
Observation Context: End of X-Ray Irradiation = 2026-07-06 15:05:21
Observation Context: Scope of Accumulation [[Annex 2](#)]

CT Accumulated Dose Data

6 {events} 2823.11 mGy.cm

CT Acquisition

1.2 CRANEO ANGIO Head Constant Angle Acquisition
1.2.840.113619.2.278.3.2831181000.191.1783342813.216

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
1.2.840.113619.2.278.3.2831181000.191.1783342813.218

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 1.2.840.113619.2.278.3.2831181000.191.1783342813.221

CT Acquisition Parameters

19.75 s 185.13 mm 171.7 mm 197.82 mm 54.8 mm -116.91 mm 61.28 mm -123.85 mm
1.2.840.113619.2.278.3.2831181000.191.1783342813.214.6310.1 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 279.0 mA 1.0 s

CT Dose

64.34 mGy IEC Head Dosimetry Phantom 1191.14 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
1.2.840.113619.2.278.3.2831181000.191.1783342813.515

CT Acquisition Parameters

4.8 s 10.0 mm 10.0 mm -110.66 mm -120.66 mm -110.66 mm -120.66 mm
1.2.840.113619.2.278.3.2831181000.191.1783342813.214.6310.1 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 1.2.840.113619.2.278.3.2831181000.191.1783342813.321

CT Acquisition Parameters

15.8 s 185.15 mm 171.7 mm 197.84 mm 54.8 mm -116.91 mm 61.28 mm -123.88 mm
1.2.840.113619.2.278.3.2831181000.191.1783342813.214.6310.1 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 768.6 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 1.2.840.113619.2.278.3.2831181000.191.1783342813.417

CT Acquisition Parameters

15.8 s 185.15 mm 171.7 mm 197.84 mm 54.8 mm -116.91 mm 61.28 mm -123.88 mm
1.2.840.113619.2.278.3.2831181000.191.1783342813.214.6310.1 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 768.6 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 = 1.2.840.113619.2.278.3.2831181000.191.1783342813.212

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