

**Patient:** MARIA ISABEL MORGA RIVERA 38A (female, #0409202601)  
**Referring Physician:** DRA GABRIELA ZENTENO  
**Study:** T.C ABDOMEN SYC (#7446)  
**Series:** Dose Record (#997)  
**Manufacturer:** GE Medical Systems (Optima CT540, #\*)  
**Completion Flag:** COMPLETE  
**Verification Flag:** UNVERIFIED  
**Content Date/Time:** 2026-09-04 10:06:38

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# X-Ray Radiation Dose Report

(observed: 2026-09-04 10:18:09)

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 = 2026-09-04 10:06:38  
Observation Context: End of X-Ray Irradiation = 2026-09-04 10:18:09  
Observation Context: Scope of Accumulation [[Annex 2](#)]

## CT Accumulated Dose Data

7 {events} 1091.04 mGy.cm

## CT Acquisition

6.3 ABDOMEN DUAL Abdomen Constant Angle Acquisition  
1.2.840.113619.2.278.3.2831181000.964.1788527307.786

## CT Acquisition Parameters

5.6 s 568.36 mm 64.36 mm -504.0 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 3.85 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  
1.2.840.113619.2.278.3.2831181000.964.1788527307.788

### **CT Acquisition Parameters**

5.6 s 568.36 mm 64.36 mm -504.0 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 3.85 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  
1.2.840.113619.2.278.3.2831181000.964.1788527307.791

### **CT Acquisition Parameters**

10.03 s 459.61 mm 431.0 mm 480.34 mm 26.32 mm -404.69 mm 40.83 mm -418.77 mm  
1.2.840.113619.2.278.3.2831181000.964.1788527307.784.15965.5 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 150.0 mA 0.6 s

## **CT Dose**

5.8 mGy IEC Body Dosimetry Phantom 266.37 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  
1.2.840.113619.2.278.3.2831181000.964.1788527308.228

## **CT Acquisition Parameters**

1.8 s 10.0 mm 10.0 mm 14.95 mm 4.95 mm 14.95 mm 4.95 mm  
1.2.840.113619.2.278.3.2831181000.964.1788527307.784.15965.5 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 0.6 s

## **CT Dose**

17.85 mGy IEC Body Dosimetry Phantom 17.85 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  
1.2.840.113619.2.278.3.2831181000.964.1788527307.938

## CT Acquisition Parameters

10.03 s 459.61 mm 431.0 mm 480.34 mm 26.32 mm -404.69 mm 40.83 mm -418.77 mm  
1.2.840.113619.2.278.3.2831181000.964.1788527307.784.15965.5 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 150.0 mA 0.6 s

## CT Dose

5.8 mGy IEC Body Dosimetry Phantom 266.37 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  
1.2.840.113619.2.278.3.2831181000.964.1788527308.82

## CT Acquisition Parameters

10.03 s 459.61 mm 431.0 mm 480.34 mm 26.31 mm -404.69 mm 40.4 mm -419.2 mm  
1.2.840.113619.2.278.3.2831181000.964.1788527307.784.15965.5 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 150.0 mA 0.6 s

## CT Dose

5.8 mGy IEC Body Dosimetry Phantom 266.37 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  
1.2.840.113619.2.278.3.2831181000.964.1788527308.272

### CT Acquisition Parameters

10.03 s 459.61 mm 431.0 mm 480.34 mm 26.32 mm -404.69 mm 40.83 mm -418.77 mm  
1.2.840.113619.2.278.3.2831181000.964.1788527307.784.15965.5 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 150.0 mA 0.6 s

### CT Dose

5.8 mGy IEC Body Dosimetry Phantom 266.37 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 = 1.2.840.113619.2.278.3.2831181000.964.1788527307.782

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