

## 1. はじめに

本資料は、DICOM 委員会 Working Group - 3 が作成した CT Radiation Dose Structure Report のサンプルを構文解析したものに、CT Radiation Dose SR IOD Templates の補助資料として整理した資料を用いて、説明文を付加した参考資料です。

## 2. CT Raditation Dose Structure Report 説明

### File Meta Information attributes

(0x00020000,UL,0x000000C0)	# File Meta Information Group Length
(0x00020001,OB,"¥B08_0366.pix")	# File Meta Information Version
(0x00020002,UI,"1.2.840.10008.5.1.4.1.1.88.67")	# Media Storage SOP Class UID
(0x00020003,UI,"1.2.392.200036.8120.100.20130301.1132611.2001002001")	# Media Storage SOP Instance UID
(0x00020010,UI,"1.2.840.10008.1.2.1")	# Transfer Syntax UID
(0x00020012,UI,"1.2.392.200036.8120.100")	# Implementation Class UID
(0x00020013,SH,"JIRA_CT_001 ")	# Implementation Version Name

### Data Set attributes

(0x00080005,CS,"", "ISO 2022 IR 87 ")	# Specific Character Set
(0x00080016,UI,"1.2.840.10008.5.1.4.1.1.88.67")	# SOP Class UID
(0x00080018,UI,"1.2.392.200036.8120.100.20130301.1132453.2001002001")	# SOP Instance UID
(0x00080020,DA,"20130301")	# Study Date
(0x00080023,DA,"20130301")	# Content Date
(0x00080030,TM,"132453")	# Study Time
(0x00080033,TM,"132453")	# Content Time
(0x00080050,SH,"1234567890")	# Accession Number
(0x00080060,CS,"SR")	# Modality
(0x00080070,LO,"JIRA Corporation")	# Manufacturer
(0x00080080,LO,"JIRA Hospital ")	# Institution Name
(0x00080090,PN,"Ref^Phys=依頼^医師=いらいゝいし")	#Referring Physician's Name
(0x00081010,SH,"Station Name")	# Station Name
(0x00081030,LO,"検査記述")	#Study Description
(0x00081040,LO,"施設部門名")	#Institutional Department Name
(0x00081060,PN,"Read^Phy=読影^医師")	#Name of Physician(s) Reading Study
(0x00081090,LO,"Model Name")	# Manufacturer's Model Name
(0x00081111,SQ, # (0xFFFE00DD, 0) )	# SequenceDelimiter # Referenced Performed Procedure Step Sequence with length of: UNDEFINED
(0x00100010,PN,"Pat^Name=患者^氏名")	#Patient's Name
(0x00100020,LO,"123456789 ")	# Patient ID
(0x00100030,DA,"20021223")	# Patient's Birth Date
(0x00100040,CS,"M ")	# Patient's Sex
(0x00101010,AS,"010Y")	# Patient's Age
(0x00101030,DS,"30.5")	# Patient's Weight
(0x00181000,LO,"10000000 ")	# Device Serial Number
(0x00181020,LO,"V1.0")	# Software Version(s)
(0x0020000D,UI,"1.2.392.200036.8120.100.20130301.1132453.2001")	# Study Instance UID
(0x0020000E,UI,"1.2.392.200036.8120.100.20130301.1132453.2001001")	# Series Instance UID
(0x00200010,SH,"1 ")	# Study ID
(0x00200011,IS,"1 ")	# Series Number
(0x00200013,IS,"1 ")	# Instance Number

### TID 10011 - 1 EV (113701, DCM, "X-Ray Radiation Dose Report")

(0x0040A040,CS,"CONTAINER ")	# Value Type
(0x0040A043,SQ, # Item Number 1 > # (0xFFFE0000, UNDEFINED)	# ItemIntroducer
> >(0x00080100,SH,"113701")	# Code Value
> >(0x00080102,SH,"DCM ")	# Coding Scheme Designator

```

> >(0x00080104,LO,"X-ray Radiation Dose Report ") # Code Meaning
> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
) # Concept Name Code Sequence with length of: UNDEFINED
(0x0040A050,CS,"SEPARATE") # Continuity of Content
(0x0040A372,SQ,
# (0xFFFFE0DD, 0) # SequenceDelimiter
) # Performed Procedure Code Sequence with length of: UNDEFINED
(0x0040A491,CS,"COMPLETE") # Completion Flag
(0x0040A493,CS,"UNVERIFIED") # Verification Flag

(0x0040A504,SQ,
# Item Number 1
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x00080105,CS,"DCMR") # Mapping Resource
> >(0x0040DB00,CS,"10011 ") # Template Identifier
> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
) # Content Template Sequence with length of: UNDEFINED

```

**TID 10011 - 2 EV (121058, DCM, "Procedure reported")**

```

(0x0040A730,SQ,
# Item Number 1
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"HAS CONCEPT MOD ") # Relationship Type
> >(0x0040A040,CS,"CODE") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"121058") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Procedure reported") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A168,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"P5-08000") # Code Value
>> >(0x00080102,SH,"SRT ") # Coding Scheme Designator
>> >(0x00080104,LO,"Computed Tomography X-ray ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Code Sequence with length of: UNDEFINED

```

**TID 10011 - 3 EV (G-C0E8, SRT, "Has Intent")**

```

> >(0x0040A730,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"HAS CONCEPT MOD ") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"G-C0E8") # Code Value
>>> >(0x00080102,SH,"SRT ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Has Intent") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer

```

```

>>> >(0x00080100,SH,"R-408C3 ") # Code Value
>>> >(0x00080102,SH,"SRT ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Diagnostic Intent ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10011 - 4 DTID(1002) Observer Context**  
**TID 1002 - 1 EV (121005,DCM, "Observer Type")**

```

# Item Number 2
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"HAS OBS CONTEXT ") # Relationship Type
> >(0x0040A040,CS,"CODE") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"121005") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Observer Type ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A168,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"121007") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Device") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Code Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 1002 - 2 DTID (1003) Person observer identifying attributes**  
**TID 1003 - 1 EV (121008,DCM, "Person Observer Name")**  
**TID 1003 - 2 EV (121009,DCM, "Person Observer's Organization Name")**  
**TID 1003 - 3 EV (121010,DCM, "Person Observer's Role in the Organization")**  
**TID 1003 - 4 EV (121011,DCM, "Person Observer's Role in this Procedure")**

**TID 1002 - 3 DTID (1004) Device observer identifying attributes**  
**TID 1004 - 1 EV (121012,DCM, "Device Observer UID")**

```

# Item Number 3
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"HAS OBS CONTEXT ") # Relationship Type
> >(0x0040A040,CS,"UIDREF") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"121012") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Device Observer UID ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A124,UI,"1.2.392.200036.8120.100.20130301.100000") # UID
> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 1004 - 2 EV (121013,DCM, "Device Observer Name")**  
**TID 1004 - 3 EV (121014,DCM, "Device Observer Manufacturer")**

```

TID 1004 - 3   EV (121014,DCM, "Device Observer Manufacturer")
TID 1004 - 4   EV (121015,DCM, "Device Observer Model Name")
TID 1004 - 5   EV (121016,DCM, "Device Observer Serial Number")
TID 1004 - 6   EV (121017,DCM, "Device Observer Physical Location during observation")
TID 1004 - 7   EV (113876, DCM, "DeviceRole in Procedure")

```

**TID 10011 - 5 EV (113809, DCM, "Start of X-Ray Irradiation")**

```

# Item Number 4
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"HAS OBS CONTEXT ") # Relationship Type
> >(0x0040A040,CS,"DATETIME") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113809") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Start of X-ray Irradiation") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A120,DT,"20130301132453.04 ") # DateTime
> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10011 - 6 EV (113810, DCM, "End of X-Ray Irradiation")**

```

# Item Number 5
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"HAS OBS CONTEXT ") # Relationship Type
> >(0x0040A040,CS,"DATETIME") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113810") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"End of X-ray Irradiation") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A120,DT,"20130301132756.08 ") # DateTime
> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10011 - 7 EV (113705, DCM, "Scope of Accumulation")**

```

# Item Number 6
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"HAS OBS CONTEXT ") # Relationship Type
> >(0x0040A040,CS,"CODE") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113705") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Scope of Accumulation ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A168,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113014") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Study ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Code Sequence with length of: UNDEFINED

```

**TID 10011 - 8 DCID (10001) UID Types**

```

> >(0x0040A730,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>> >(0x0040A040,CS,"UIDREF") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"110180") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Study Instance UID") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A124,UI,"1.2.392.200036.8120.100.20130301.1132453.2001") # UID
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10011 - 9 DTID (10012) CT Accumulated Dose Data****TID 10012 - 1 EV (113811, DCM, "CT Accumulated Dose Data")**

```

# Item Number 7
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"CONTAINS") # Relationship Type
> >(0x0040A040,CS,"CONTAINER ") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113811") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"CT Accumulated Dose Data") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED

```

**TID 10012 - 2 EV (113812, DCM, "Total Number of Irradiation Events")**

```

> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
> >(0x0040A730,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"NUM ") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113812") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Total Number of Irradiation Events") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A300,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x004008EA,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"{events}") # Code Value
>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator

```

```

>>>> >(0x00080104,LO,"events") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>> >(0x0040A30A,DS,"2 ") # Numeric Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Measured Value Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10012 - 3 EV (113813, DCM, "CT Dose Length Product Total")
# Item Number 2
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"NUM ") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113813") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Dose Length Product Total") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A300,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x004008EA,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"mGycm ") # Code Value
>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>> >(0x00080104,LO,"mGycm ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>> >(0x0040A30A,DS,"182.245 ") # Numeric Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Measured Value Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10012 - 4 EV (113814, DCM, "CT Effective Dose Total")
TID 10012 - 5 EV (121406, DCM, "Reference Authority")
TID 10012 - 6 EV (121406, DCM, "Reference Authority")
TID 10012 - 7 EV (G-C036, SRT, "Measurement Method")
TID 10012 - 8 EV (113815, DCM, "Patient Model")
TID 10012 - 9 EV (113816, DCM, "Condition Effective Dose measured")
TID 10012 - 10 EV (113817, DCM, "Effective Dose Phantom Type")
TID 10012 - 11 EV (113818, DCM, "Dosimeter Type")
TID 10012 - 12 EV (121106, DCM, "Comment")
TID 10012 - 13 DTID (1021) Device Participant
TID 1021 - 1 EV (113876, DCM, "Device Role in Procedure")
TID 1021 - 2 EV (113877, DCM, "Device Name")
TID 1021 - 3 EV (113878, DCM, "Device Manufacturer")
TID 1021 - 4 EV (113879, DCM, "Device Model Name")
TID 1021 - 5 EV (113880, DCM, "Device Serial Number")
TID 1021 - 6 EV (121012, DCM, "Device Observer UID")

```

```

> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10011 – 10 DTID (10013) CT Irradiation Event Data
TID 10013 -1 EV (113819, DCM, "CT Acquisition")
# Item Number 8
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"CONTAINS") # Relationship Type
> >(0x0040A040,CS,"CONTAINER ") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113819") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"CT Acquisition") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED

```

**TID 10013 - 2 EV (125203, DCM, "Acquisition Protocol")**

```

TID 10013 - 3 EV (123014 , DCM, "Target Region")
> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
> >(0x0040A730,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"123014") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Target Region ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"T-D1100 ") # Code Value
>>> >(0x00080102,SH,"SRT ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Head") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 4 EV (113820, DCM, "CT Acquisition Type")**

```

# Item Number 2
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113820") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Acquisition Type ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113804") # Code Value

```

```

>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Sequenced Acquisition ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 4b EV (113961, DCM, "Reconstruction Algorithm")**  
**TID 10013 - 5 EV (G-C32C, SRT, "Procedure Context")**

**TID 10013 - 6 EV (113769, DCM, "Irradiation Event UID")**

```

# Item Number 3
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"UIDREF") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113769") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Irradiation Event UID ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A124,UI,"1.2.392.200036.8120.100.20130301.1120304.2001001.1") # UID
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 6b EV(113605, DCM, "Irradiation Event Label")**  
**TID 10013 - 6c EV(113606, DCM, "Label Type")**

**TID 10013 - 7 EV (113822, DCM, "CT Acquisition Parameters")**

```

# Item Number 4
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CONTAINER ") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113822") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Acquisition Parameters ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

**TID 10013 - 8 EV (113824, DCM, "Exposure Time")**

```

>> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
>> >(0x0040A730,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113824") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Exposure Time ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1

```

```

>>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"s ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"s ") # Code Meaning
>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFE00DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"2 ") # Numeric Value
>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFE00DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 9 DTID (10014) Scanning Length**  
**TID 10014 - 1 EV (113825, DCM, "Scanning Length")**

```

# Item Number 2
>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113825") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Scanning Length ") # Code Meaning
>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFE00DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"mm") # Code Value
>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"mm") # Code Meaning
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFE00DD, 0) # SequenceDelimiter
>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>> >(0x0040A30A,DS,"49.38 ") # Numeric Value
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFE00DD, 0) # SequenceDelimiter
>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter

```

**TID 10014 - 2 EV (113893, DCM, "Length of Reconstructable Volume")**  
**TID 10014 - 3 EV (113899, DCM, "Exposed Range")**  
**TID 10014 - 4 EV (113895, DCM, "Top Z Location of Reconstructable Volume")**  
**TID 10014 - 5 EV (113896, DCM, "Bottom Z Location of Reconstructable Volume")**  
**TID 10014 - 6 EV (113897, DCM, "Top Z Location of Scanning Length")**  
**TID 10014 - 7 EV (113898, DCM, "Bottom Z Location of Scanning Length")**  
**TID 10014 - 8 EV (112227, DCM, "Frame of Reference UID")**

**TID 10013 - 10 EV (113826, DCM, "Nominal Single Collimation Width")**

```

# Item Number 3
>>> # (0xFFFE00, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,

```

```

# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113826") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Nominal Single Collimation Width") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mm") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mm") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A30A,DS,"0.625 ") # Numeric Value
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 11 EV (113827, DCM, "Nominal Total Collimation Width")**

```

# Item Number 4
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113827") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Nominal Total Collimation Width ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mm") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mm") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A30A,DS,"10") # Numeric Value
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 12 EV (113828, DCM, "Pitch Factor")**

```

# Item Number 5
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type

```

```

>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113828") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Pitch Factor") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"{ratio} ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"ratio ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"1.234 ") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 13 EV (113823, DCM, "Number of X-Ray Sources")**

```

# Item Number 6
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113823") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Number of X-ray Sources ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"{X-ray sources} ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"X-ray sources ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"1 ") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 14 EV (113831, DCM, "CT X-Ray Source Parameters")**

```

# Item Number 7
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type

```

```

>>> >(0x0040A040,CS,"CONTAINER ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113831") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"CT X-ray Source Parameters") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

**TID 10013 - 15 EV (113832, DCM, "Identification of the Xray Source")**

```

>>> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
>>> >(0x0040A730,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"TEXT") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113832") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Identification Number of X-ray Source ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A160,UT,"Main") # Text Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 16 EV (113733, DCM, "KVP")**

```

# Item Number 2
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"113733") # Code Value
>>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"KVP ") # Code Meaning
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>>>> >(0x00080100,SH,"kV") # Code Value
>>>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>>>> >(0x00080104,LO,"kV") # Code Meaning
>>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>>>> >(0x0040A30A,DS,"100 ") # Numeric Value
>>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 17 EV (113833, DCM, "Maximum X-Ray Tube Current")**

```

# Item Number 3
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113833") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Maximum X-ray Tube Current") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>>> >(0x00080100,SH,"mA") # Code Value
>>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>>> >(0x00080104,LO,"mA") # Code Meaning
>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>>> >(0x0040A30A,DS,"200 ") # Numeric Value
>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 18 EV (113734, DCM, "X-ray Tube Current")**

```

# Item Number 4
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113734") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"X-ray Tube Current") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>>> >(0x00080100,SH,"mA") # Code Value
>>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>>> >(0x00080104,LO,"mA") # Code Meaning
>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>>> >(0x0040A30A,DS,"80") # Numeric Value
>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10013 - 19 EV (113834, DCM, "X-ray Tube Current")
# Item Number 5
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113834") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Exposure Time per Rotation") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"s ") # Code Value
>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"s ") # Code Meaning
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A30A,DS,"0.5 ") # Numeric Value
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Content Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Content Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10013 - 19 EV (113734, DCM, "X-ray Tube Current")
TID 10013 - 20 EV (113821, DCM, "X-ray Filter Aluminum Equivalent")

```

```

TID 10013 - 21 EV (113829, DCM, "CT Dose")
# Item Number 5
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CONTAINER ") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113829") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Dose ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

```

TID 10013 - 22 EV (113830, DCM, "Mean CTDIvol")
>> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
>> >(0x0040A730,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type

```

```

>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113830") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Mean CTDIvol") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mGy ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mGy ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"60.567") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 23 EV (113835, DCM, "CTDIw Phantom Type")**

```

# Item Number 2
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"CODE") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113835") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"CTDIw Phantom Type") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A168,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113690") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"IEC Head Dosimetry Phantom") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Code Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 24 EV (113836, DCM, "CTDIfreeair Calculation Factor")****TID 10013 - 25 EV (113837, DCM, "Mean CTDIfreeair")****TID 10013 - 26 EV (113838, DCM, "DLP")**

```

# Item Number 3
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer

```

```

>>>> >(0x00080100,SH,"113838") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"DLP ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mGycm ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mGycm ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"90.567") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Content Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10013 - 27 EV (113839, DCM, "Effective Dose")
TID 10013 - 28 EV (G-C036, SRT, "Measurement Method")
TID 10013 - 29 EV (113840, DCM, "Effective Dose Conversion Factor")
TID 10013 - 30 DTID (10015) CT Dose Check Details
  TID 10015 - 1 EV (113900, DCM, "Dose Check Alert Details")
  TID 10015 - 2 EV (113901, DCM, "DLP Alert Value Configured")
  TID 10015 - 3 EV (113902, DCM, "CTDIvol Alert Value Configured")
  TID 10015 - 4 EV (113903, DCM, "DLP Alert Value")
  TID 10015 - 5 EV (113904, DCM, "CTDIvol Alert Value")
  TID 10015 - 6 EV(113905, DCM, "Accumulated DLP Forward Estimate")
  TID 10015 - 7 EV (113906, DCM, "Accumulated CTDIvol Forward Estimate")
  TID 10015 - 8 EV (113907, DCM, "Reason for Proceeding")
  TID 10015 - 9 DTID (1020) Person Participant
    TID 1020 - 1 EV (113870,DCM, "Person Name")
    TID 1020 - 2 EV (113875,DCM, "Person Role in Procedure")
    TID 1020 - 3 EV (113871,DCM, "Person ID")
    TID 1020 - 4 EV (113872,DCM, "Person ID Issuer")
    TID 1020 - 5 EV (113873,DCM, "Organization Name")
    TID 1020 - 6 EV (113874,DCM, "Person Role in Organization")
  TID 10015 - 10 EV (113908, DCM, "Dose Check Notification Details")
  TID 10015 - 11 EV (113909, DCM, "DLP Notification Value Configured")
  TID 10015 - 12 EV (113910, DCM, "CTDIvol Notification Value Configured")
  TID 10015 - 13 EV (113911, DCM, "DLP Notification Value")
  TID 10015 - 14 EV (113912, DCM, "CTDIvol Notification Value")
  TID 10015 - 15 EV (113913, DCM, "DLP Forward Estimate")
  TID 10015 - 16 EV (113914, DCM, "CTDIvol Forward Estimate")
  TID 10015 - 17 EV (113907, DCM, "Reason for Proceeding")
  TID 10015 - 18 DTID (1020) Person Participant
    TID 1020 - 1 EV (113870,DCM, "Person Name")
    TID 1020 - 2 EV (113875,DCM, "Person Role in Procedure")
    TID 1020 - 3 EV (113871,DCM, "Person ID")
    TID 1020 - 4 EV (113872,DCM, "Person ID Issuer")
    TID 1020 - 5 EV (113873,DCM, "Organization Name")
    TID 1020 - 6 EV (113874,DCM, "Person Role in Organization")
TID 10013 - 31 EV (113842, DCM, "X-Ray Modulation Type")
TID 10013 - 32 EV (121106, DCM, "Comment")

```

```

TID 10013 - 33  DTID (1020) Person Participant
TID 1020 - 1   EV (113870,DCM, "Person Name")
TID 1020 - 2   EV (113875,DCM, "Person Role in Procedure")
TID 1020 - 3   EV (113871,DCM, "Person ID")
TID 1020 - 4   EV (113872,DCM, "Person ID Issuer")
TID 1020 - 5   EV (113873,DCM, "Organization Name")
TID 1020 - 6   EV (113874,DCM, "Person Role in Organization")

```

```

TID 10013 - 34  DTID (1021) Device participant
TID 1021 - 1    EV (113876, DCM, "Device Role in Procedure")

```

```

# Item Number 6
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113876") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Device Role in Procedure") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113859") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Irradiating Device") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED

```

```

TID 1021 - 2    EV (113877, DCM, "Device Name")

```

```

TID 1021 - 3    EV (113878, DCM, "Device Manufacturer")

```

```

>> >(0x0040A730,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"TEXT") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113878") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Manufacturer ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A160,UT,"JIRA Corporation") # Text Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 1021 - 4    EV (113879, DCM, "Device Model Name")

```

```

# Item Number 2
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"TEXT") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113879") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator

```

```

>>>> >(0x00080104,LO,"Device Model Name ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A160,UT,"DeviceModelName ") # Text Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 1021 - 5 EV (113880, DCM, "Device Serial Number")

```

# Item Number 3
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"TEXT") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113880") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Serial Number") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A160,UT,"100000000 ") # Text Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 1021 - 6 EV (121012,DCM, "Device Observer UID")

```

# Item Number 4
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"UIDREF") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"121012") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Observer UID ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A124,UI,"1.2.392.200036.8120.100.20130301.100000") # UID
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Content Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10011 - 10 DTID (10013) CT Irradiation Event Data

##### TID 10013 -1 EV (113819, DCM, "CT Acquisition")

```

# Item Number 9
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"CONTAINS") # Relationship Type
> >(0x0040A040,CS,"CONTAINER ") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113819") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"CT Acquisition") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A050,CS,"SEPARATE") # Continuity of Content

```

```

> >(0x0040A504,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080105,CS,"DCMR") # Mapping Resource
>> >(0x0040DB00,CS,"10013 ") # Template Identifier
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Template Sequence with length of: UNDEFINED

```

#### TID 10013 - 2 EV (125203, DCM, "Acquisition Protocol")

#### TID 10013 - 3 EV (123014 , DCM, "Target Region")

```

> >(0x0040A730,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"123014") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Target Region ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"T-D0010 ") # Code Value
>>> >(0x00080102,SH,"SRT ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Entire body ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 4 EV (113820, DCM, "CT Acquisition Type")

```

>> # Item Number 2
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113820") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Acquisition Type ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"P5-08001") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Spiral Acquisition") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 4b EV (113961, DCM, "Reconstruction Algorithm")

**TID 10013 - 5 EV (G-C32C, SRT, "Procedure Context")****TID 10013 - 6 EV (113769, DCM, "Irradiation Event UID")**

```

# Item Number 3
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"UIDREF") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113769") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Irradiation Event UID ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A124,UI,"1.2.392.200036.8120.100.20130301.1120304.2001001.2") # UID
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 6b EV(113605, DCM, "Irradiation Event Label")****TID 10013 - 6c EV(113606, DCM, "Label Type")****TID 10013 - 7 EV (113822, DCM, "CT Acquisition Parameters")**

```

# Item Number 4
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CONTAINER ") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113822") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Acquisition Parameters ") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

**TID 10013 - 8 EV (113824, DCM, "Exposure Time")**

```

>> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
>> >(0x0040A730,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113824") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Exposure Time ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"s ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"s ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"3 ") # Numeric Value
>>>> # (0xFFFFE0DD, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE0DD, 0) # ItemDelimiter

```

**TID 10013 - 9 DTID (10014) Scanning Length**  
**TID 10014 - 1 EV (113825, DCM, "Scanning Length")**

```

# Item Number 2
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113825") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Scanning Length ") # Code Meaning
>>>> # (0xFFFFE0DD, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mm") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mm") # Code Meaning
>>>>> # (0xFFFFE0DD, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"117.28") # Numeric Value
>>>> # (0xFFFFE0DD, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE0DD, 0) # ItemDelimiter

```

**TID 10014 - 2 EV (113893, DCM, "Length of Reconstructable Volume")**  
**TID 10014 - 3 EV (113899, DCM, "Exposed Range")**  
**TID 10014 - 4 EV (113895, DCM, "Top Z Location of Reconstructable Volume")**  
**TID 10014 - 5 EV (113896, DCM, "Bottom Z Location of Reconstructable Volume")**  
**TID 10014 - 6 EV (113897, DCM, "Top Z Location of Scanning Length")**  
**TID 10014 - 7 EV (113898, DCM, "Bottom Z Location of Scanning Length")**  
**TID 10014 - 8 EV (112227, DCM, "Frame of Reference UID")**

**TID 10013 - 10 EV (113826, DCM, "Nominal Single Collimation Width")**

```

# Item Number 3
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113826") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Nominal Single Collimation Width") # Code Meaning
>>>> # (0xFFFFE0DD, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

```

>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mm") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mm") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"0.625 ") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 11 EV (113827, DCM, "Nominal Total Collimation Width")

```

# Item Number 4
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113827") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Nominal Total Collimation Width ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"mm") # Code Value
>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"mm") # Code Meaning
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>> >(0x0040A30A,DS,"5 ") # Numeric Value
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 12 EV (113828, DCM, "Pitch Factor")

```

# Item Number 5
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113828") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Pitch Factor") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter

```

```

>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"{ratio} ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"ratio ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"2.345 ") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 12 EV (113828, DCM, "Pitch Factor")

#### TID 10013 - 13 EV (113823, DCM, "Number of X-Ray Sources")

```

# Item Number 6
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113823") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Number of X-ray Sources ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"{X-ray sources} ") # Code Value
>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"X-ray sources ") # Code Meaning
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A30A,DS,"1 ") # Numeric Value
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 14 EV (113831, DCM, "CT X-Ray Source Parameters")

```

# Item Number 7
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"CONTAINER ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113831") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator

```

```

>>>> >(0x00080104,LO,"CT X-ray Source Parameters") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

#### TID 10013 - 15 EV (113832, DCM, "Identification of the Xray Source")

```

>>> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
>>> >(0x0040A730,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"TEXT") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113832") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Identification Number of X-ray Source ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A160,UT,"Main") # Text Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 16 EV (113733, DCM, "KVP")

```

# Item Number 2
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113733") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"KVP ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"kV") # Code Value
>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"kV") # Code Meaning
>>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A30A,DS,"120 ") # Numeric Value
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

#### TID 10013 - 17 EV (113833, DCM, "Maximum X-Ray Tube Current")

```

# Item Number 3
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1

```

```

>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113833") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Maximum X-ray Tube Current") # Code Meaning
>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"mA") # Code Value
>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"mA") # Code Meaning
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>> >(0x0040A30A,DS,"300 ") # Numeric Value
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 18 EV (113734, DCM, "X-ray Tube Current")**

```

# Item Number 4
>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type
>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>>>> >(0x00080100,SH,"113734") # Code Value
>>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>>> >(0x00080104,LO,"X-ray Tube Current") # Code Meaning
>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>>>>> >(0x00080100,SH,"mA") # Code Value
>>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>>> >(0x00080104,LO,"mA") # Code Meaning
>>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>>> >(0x0040A30A,DS,"100 ") # Numeric Value
>>>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>>>> # (0xFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 19 EV (113834, DCM, "X-ray Tube Current")**

```

# Item Number 5
>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>>> >(0x0040A040,CS,"NUM ") # Value Type

```

```

>>>> >(0x0040A043,SQ,
# Item Number 1
>>>>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113834") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"Exposure Time per Rotation") # Code Meaning
>>>>> # (0xFFFFEE00D, 0) # ItemDelimiter
>>>> # (0xFFFFEE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A300,SQ,
# Item Number 1
>>>>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>>>>>>> >(0x00080100,SH,"s ") # Code Value
>>>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>>>> >(0x00080104,LO,"s ") # Code Meaning
>>>>>>> # (0xFFFFEE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFFEE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>>>> >(0x0040A30A,DS,"0.6 ") # Numeric Value
>>>>>>> # (0xFFFFEE00D, 0) # ItemDelimiter
>>>>>>> # (0xFFFFEE0DD, 0) # SequenceDelimiter
>>>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>> # (0xFFFFEE00D, 0) # ItemDelimiter
>>> # (0xFFFFEE0DD, 0) # SequenceDelimiter
>>> ) # Content Sequence with length of: UNDEFINED
>>> # (0xFFFFEE00D, 0) # ItemDelimiter
>> # (0xFFFFEE0DD, 0) # SequenceDelimiter
>> ) # Content Sequence with length of: UNDEFINED
>> # (0xFFFFEE00D, 0) # ItemDelimiter

```

**TID 10013 - 20****EV (113821, DCM, "X-ray Filter Aluminum Equivalent")****TID 10013 - 21 EV (113829, DCM, "CT Dose")**

```

# Item Number 5
>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CONTAINER ") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113829") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"CT Dose ") # Code Meaning
>>> # (0xFFFFEE00D, 0) # ItemDelimiter
>> # (0xFFFFEE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

**TID 10013 - 22 EV (113830, DCM, "Mean CTDIvol")**

```

>> >(0x0040A050,CS,"SEPARATE") # Continuity of Content
>> >(0x0040A730,SQ,
# Item Number 1
>>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFEE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113830") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Mean CTDIvol") # Code Meaning

```

```

>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mGy ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mGy ") # Code Meaning
>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>>> >(0x0040A30A,DS,"61.678") # Numeric Value
>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Measured Value Sequence with length of: UNDEFINED
>>>>> # (0xFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 23 EV (113835, DCM, "CTDIw Phantom Type")**

```

# Item Number 2
>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"CODE") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113835") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"CTDIw Phantom Type") # Code Meaning
>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>>> >(0x0040A168,SQ,
# Item Number 1
>>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"113691") # Code Value
>>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"IEC Body Dosimetry Phantom") # Code Meaning
>>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>>> ) # Concept Code Sequence with length of: UNDEFINED
>>>>> # (0xFFFE00D, 0) # ItemDelimiter

```

**TID 10013 - 24 EV (113836, DCM, "CTDIfreeair Calculation Factor")****TID 10013 - 25 EV (113837, DCM, "Mean CTDIfreeair")****TID 10013 - 26 EV (113838, DCM, "DLP")**

```

# Item Number 3
>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>>> >(0x0040A040,CS,"NUM ") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113838") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"DLP ") # Code Meaning
>>>> # (0xFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

```

>>> >(0x0040A300,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x004008EA,SQ,
# Item Number 1
>>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>>> >(0x00080100,SH,"mGycm ") # Code Value
>>>>> >(0x00080102,SH,"UCUM") # Coding Scheme Designator
>>>>> >(0x00080104,LO,"mGycm ") # Code Meaning
>>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>>> ) # Measurement Units Code Sequence with length of: UNDEFINED
>>>> >(0x0040A30A,DS,"91.678") # Numeric Value
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Measured Value Sequence with length of: UNDEFINED
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Content Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter

```

```

TID 10013 - 26 EV (113838, DCM, "DLP")
TID 10013 - 27 EV (113839, DCM, "Effective Dose")
TID 10013 - 28 EV (G-C036, SRT, "Measurement Method")
TID 10013 - 29 EV (113840, DCM, "Effective Dose Conversion Factor")
TID 10013 - 30 DTID (10015) CT Dose Check Details
  TID 10015 - 1 EV (113900, DCM, "Dose Check Alert Details")
  TID 10015 - 2 EV (113901, DCM, "DLP Alert Value Configured")
  TID 10015 - 3 EV (113902, DCM, "CTDIvol Alert Value Configured")
  TID 10015 - 4 EV (113903, DCM, "DLP Alert Value")
  TID 10015 - 5 EV (113904, DCM, "CTDIvol Alert Value")
  TID 10015 - 6 EV(113905, DCM, "Accumulated DLP Forward Estimate")
  TID 10015 - 7 EV (113906, DCM, "Accumulated CTDIvol Forward Estimate")
  TID 10015 - 8 EV (113907, DCM, "Reason for Proceeding")
  TID 10015 - 9 DTID (1020) Person Participant
    TID 1020 - 1 EV (113870,DCM, "Person Name")
    TID 1020 - 2 EV (113875,DCM, "Person Role in Procedure")
    TID 1020 - 3 EV (113871,DCM, "Person ID")
    TID 1020 - 4 EV (113872,DCM, "Person ID Issuer")
    TID 1020 - 5 EV (113873,DCM, "Organization Name")
    TID 1020 - 6 EV (113874,DCM, "Person Role in Organization")
  TID 10015 - 10 EV (113908, DCM, "Dose Check Notification Details")
  TID 10015 - 11 EV (113909, DCM, "DLP Notification Value Configured")
  TID 10015 - 12 EV (113910, DCM, "CTDIvol Notification Value Configured")
  TID 10015 - 13 EV (113911, DCM, "DLP Notification Value")
  TID 10015 - 14 EV (113912, DCM, "CTDIvol Notification Value")
  TID 10015 - 15 EV (113913, DCM, "DLP Forward Estimate")
  TID 10015 - 16 EV (113914, DCM, "CTDIvol Forward Estimate")
  TID 10015 - 17 EV (113907, DCM, "Reason for Proceeding")
  TID 10015 - 18 DTID (1020) Person Participant
    TID 1020 - 1 EV (113870,DCM, "Person Name")
    TID 1020 - 2 EV (113875,DCM, "Person Role in Procedure")
    TID 1020 - 3 EV (113871,DCM, "Person ID")
    TID 1020 - 4 EV (113872,DCM, "Person ID Issuer")
    TID 1020 - 5 EV (113873,DCM, "Organization Name")
    TID 1020 - 6 EV (113874,DCM, "Person Role in Organization")
TID 10013 - 31 EV (113842, DCM, "X-Ray Modulation Type")
TID 10013 - 32 EV (121106, DCM, "Comment")
TID 10013 - 33 DTID (1020) Person Participant
  TID 1020 - 1 EV (113870,DCM, "Person Name")
  TID 1020 - 2 EV (113875,DCM, "Person Role in Procedure")
  TID 1020 - 3 EV (113871,DCM, "Person ID")
  TID 1020 - 4 EV (113872,DCM, "Person ID Issuer")

```

TID 1020 - 5 EV (113873,DCM, "Organization Name")  
 TID 1020 - 6 EV (113874,DCM, "Person Role in Organization")

TID 10013 - 34 DTID (1021) Device participant

TID 1021 - 1 EV (113876, DCM, "Device Role in Procedure")

```

# Item Number 6
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x0040A010,CS,"CONTAINS") # Relationship Type
>> >(0x0040A040,CS,"CODE") # Value Type
>> >(0x0040A043,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113876") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Device Role in Procedure") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Name Code Sequence with length of: UNDEFINED
>> >(0x0040A168,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x00080100,SH,"113859") # Code Value
>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>> >(0x00080104,LO,"Irradiating Device") # Code Meaning
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Concept Code Sequence with length of: UNDEFINED

```

TID 1021 - 2 EV (113877, DCM, "Device Name")

TID 1021 - 3 EV (113878, DCM, "Device Manufacturer")

```

>> >(0x0040A730,SQ,
# Item Number 1
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"TEXT") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113878") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Manufacturer ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A160,UT,"JIRA Corporation") # Text Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter

```

TID 1021 - 4 EV (113879, DCM, "Device Model Name")

```

# Item Number 2
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"TEXT") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113879") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Model Name ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED

```

```
>>> >(0x0040A160,UT,"Model Name") # Text Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter
```

#### TID 1021 - 5 EV (113880, DCM, "Device Serial Number")

```
# Item Number 3
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"TEXT") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"113880") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Serial Number") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A160,UT,"100000000 ") # Text Value
>>> # (0xFFFFE00D, 0) # ItemDelimiter
```

#### TID 1021 - 6 EV (121012,DCM, "Device Observer UID")

```
# Item Number 4
>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>> >(0x0040A010,CS,"HAS PROPERTIES") # Relationship Type
>>> >(0x0040A040,CS,"UDIREF") # Value Type
>>> >(0x0040A043,SQ,
# Item Number 1
>>>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>>>> >(0x00080100,SH,"121012") # Code Value
>>>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>>>> >(0x00080104,LO,"Device Observer UID ") # Code Meaning
>>>> # (0xFFFFE00D, 0) # ItemDelimiter
>>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>>> ) # Concept Name Code Sequence with length of: UNDEFINED
>>> >(0x0040A124,UI,"1.2.392.200036.8120.100.20130301.100000") # UID
>>> # (0xFFFFE00D, 0) # ItemDelimiter
>> # (0xFFFFE0DD, 0) # SequenceDelimiter
>> ) # Content Sequence with length of: UNDEFINED
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter
```

#### TID 10011 - 11 EV (121106, DCM, "Comment")

```
# Item Number 10
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
> >(0x0040A010,CS,"CONTAINS") # Relationship Type
> >(0x0040A040,CS,"TEXT") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"121106") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Comment ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A160,UT,"Comments") # Text Value
> # (0xFFFFE00D, 0) # ItemDelimiter
```

#### TID 10011 - 12 EV (113854, DCM, "Source of Dose Information")

```
# Item Number 11
> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
```

```
> >(0x0040A010,CS,"CONTAINS") # Relationship Type
> >(0x0040A040,CS,"CODE") # Value Type
> >(0x0040A043,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113854") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Source of Dose Information") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Name Code Sequence with length of: UNDEFINED
> >(0x0040A168,SQ,
# Item Number 1
>> # (0xFFFFE000, UNDEFINED) # ItemIntroducer
>> >(0x00080100,SH,"113856") # Code Value
>> >(0x00080102,SH,"DCM ") # Coding Scheme Designator
>> >(0x00080104,LO,"Automated Data Collection ") # Code Meaning
>> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Concept Code Sequence with length of: UNDEFINED
> # (0xFFFFE00D, 0) # ItemDelimiter
> # (0xFFFFE0DD, 0) # SequenceDelimiter
> ) # Content Sequence with length of: UNDEFINED
```

<End of Document>