

1	Status	Jan 2019 Voting Packet
2	Date of Last Update	2018/11/12
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	Elliot Silver
6		mailto:Elliot.silver@mckesson.com
7	Submission Date	2018/09/06

8	Correction Number CP-1855	
9	Log Summary: Remove duplicate Irradiation Event UID codes	
10	Name of Standard	
11	PS3.16	
12	Rationale for Correction:	
13	The DICOM controlled terminology contains two code values for Irradiation Event UID (113769, 113853) with the same definition.	
14	One is more often used and the other should be replaced (in its only use in Scope of Accumulation related UID Types) and retired.	
15	Correction Wording:	

Amend DICOM PS3.16 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

TID 10001 Projection X-Ray Radiation Dose

Table TID 10001. Projection X-Ray Radiation Dose

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
6	>	HAS OBS CONTEXT	CODE	EV (113705, DCM, "Scope of Accumulation")	1	M		DCID 10000 "Scope of Accumulation"
7	>>	HAS PROPERTIES	UIDREF	DCID 10001 "UID Types"	1	M		

TID 10003 Irradiation Event X-Ray Data

Table TID 10003. Irradiation Event X-Ray Data

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
3	>	CONTAINS	UIDREF	EV (113769, DCM, "Irradiation Event UID")	1	M		

Content Item Descriptions

Row 3	<p>If the image generating entity does not assign a DICOM UID to the irradiation event (e.g., for non-digital imaging equipment), the application generating this report shall assign a UID.</p> <p>In the case of non-integrated cassette-based equipment, a standalone Detector will generate UIDs for the Events it observes. If the X-Ray Source component of the equipment also reports information, it too will generate UIDs for the Events it creates. A downstream system (e.g., a workstation or the Dose Information Reporter itself) may combine the two reports into a composite report, and match up the events based on details such as the time information, and use the UIDs of the X-Ray Source.</p>
-------	--

TID 10011 CT Radiation Dose

This Template defines a container (the root) with subsidiary Content Items, each of which corresponds to a single CT X-Ray irradiation event entry. There is a defined recording observer (the system or person responsible for recording the log, generally the system). Accumulated values shall be kept for a whole Study or at least a part of a Study, if the Study is divided in the workflow of the examination, or a performed procedure step. Multiple CT Radiation Dose objects may be created for one Study.

Type: Extensible
Order: Significant
Root: Yes

Table TID 10011. CT Radiation Dose

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
7	>	HAS OBS CONTEXT	CODE	EV (113705, DCM, "Scope of Accumulation")	1	M		DCID 10000 "Scope of Accumulation"
8	>>	HAS PROPERTIES	UIDREF	DCID 10001 "UID Types"	1	M		

TID 10013 CT Irradiation Event Data

Table TID 10013. CT Irradiation Event Data

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
6	>	CONTAINS	UIDREF	EV (113769, DCM, "Irradiation Event UID")	1	M		

CID 10000 Scope of Accumulation

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML
 Type: Extensible
 Version: 20131010
 UID: 1.2.840.10008.6.1.534

Table CID 10000. Scope of Accumulation

Coding Scheme Designator	Code Value	Code Meaning
DCM	113852	Irradiation Event

CID 10001 UID Types

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML
 Type: Extensible
 Version: ~~20081028~~yyvymdd
 UID: 1.2.840.10008.6.1.535

Table CID 10001. UID Types

Coding Scheme Designator	Code Value	Code Meaning
DCM	113853 <u>113769</u>	Irradiation Event UID

D DICOM Controlled Terminology Definitions (Normative)

Table D-1. DICOM Controlled Terminology Definitions (Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition	Notes
113769	Irradiation Event UID	Unique identification of a single irradiation event.	
113852	Irradiation Event	An irradiation event is the loading of X-Ray equipment caused by a single continuous actuation of the equipment's irradiation switch, from the start of the loading time of the first pulse until the loading time trailing edge of the final pulse. Any automatic on-off switching of the irradiation source during the event is not treated as separate events, rather the event includes the time between start and stop of irradiation as triggered by the user. E.g., a pulsed fluoro X-Ray acquisition shall be treated as a single irradiation event.	
113853	Irradiation Event UID	Unique Identifier of an Irradiation Event.	<i>Retired. Replaced by (113769, DCM, "Irradiation Event UID")</i>