

1	Status	Assigned
2	Date of Last Update	2015/11/11
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	Jörg Riesmeier
6		mailto:mail@jriesmeier.com
7	Submission Date	2015/08/24

8	Correction Number CP-1545	
9	Log Summary: Make use of DateTime consistent in concept names	
10	Name of Standard	
11	PS3.16	
12	Rationale for Correction:	
13	In PS3.3 an effort has been made to consistently use the words "DateTime" (without a space) for all DT VR Attributes.	
14	In PS3.16 there is both inconsistency in different concepts with respect to whether DateTime or just Time is used, and worse, some	
15	concepts use different names in different templates and references and definitions.	
16	<i>[Ed.Note: The many correct uses of DateTime in templates and definitions are not reproduced for reference here to keep the length</i>	
17	<i>of the CP tractable, but see, e.g., TIDs 3010, most of TIDs 37xx, 38xx, etc. Note that some special cases are not modified, e.g., TID</i>	
18	<i>3301 (122701, DCM, "Procedure Time Base"), TID 10011 (113809, DCM, "Start of X-Ray Irradiation").]</i>	
19	<i>[Ed.Note: The change has been made not only to DCM codes, but other coding scheme code meanings, including those from</i>	
20	<i>SNOMED. Ideally these (and other code meanings in DICOM that are not already in SNOMED as synonyms) should be propagated</i>	
21	<i>back into SNOMED]</i>	
22	Correction Wording:	

Amend DICOM PS3.16 as follows:

## TID 1607 Image Library Entry Descriptors for PET

Table TID 1607. Image Library Entry Descriptors for PET

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
4		HAS ACQ CONTEXT	DATETIME	EV (123003, DCM, "Radiopharmaceutical Start Date Time")	1	U		
5		HAS ACQ CONTEXT	DATETIME	EV (123004, DCM, "Radiopharmaceutical Stop <u>Date</u> Time")	1	U		

## TID 3307 NM/PET Perfusion Measurement Group

Table TID 3307. NM/PET Perfusion Measurement Group

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5	>	CONTAINS	DATETIME	EV (123003, DCM, "Radiopharmaceutical Start <u>Date</u> Time")	1	M		
7	>	CONTAINS	DATETIME	EV (122712, DCM, "Imaging Start <u>Date</u> Time")	1	M		

## TID 3803 Patient Presentation, Cath

Table TID 3803. Patient Presentation, Cath

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
3	>	CONTAINS	DATETIME	EV (15, NCDR [2.0b], "Admission Date/Time")	1	U		

## TID 3828 Discharge Summary, Cath

Table TID 3828. Discharge Summary, Cath

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
2	>	CONTAINS	DATETIME	EV (122163, DCM, "Discharge Date/Time")	1	U		
5	>>	HAS PROPERTIES	DATETIME	EV (122146, DCM, "Procedure Date/Time")	1	U		
7	>>	HAS PROPERTIES	DATETIME	EV (122165, DCM, "Date <u>Time</u> of Death")	1	U		

## TID 3910 Flow Quantification

Table TID 3910. Flow Quantification

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
4	>	HAS OBS CONTEXT	DATETIME	EV (G-D321, SRT, "Start <u>Date</u> Time")	1	M		
5	>	HAS OBS CONTEXT	DATETIME	EV (G-D320, SRT, "Stop <u>Date</u> Time")	1	M		

## TID 10002 Accumulated X-Ray Dose

Table TID 10002. Accumulated X-Ray Dose

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5	>>	CONTAINS	DATETIME	EV (113723, DCM, "Calibration Date <u>Time</u> ")	1	M		

## TID 10011 CT Radiation Dose

Table TID 10011. CT Radiation Dose

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5	>	HAS OBS CONTEXT	DATETIME	EV (113809, DCM, "Start of X-Ray Irradiation")	1	M		
6	>	HAS OBS CONTEXT	DATETIME	EV (113810, DCM, "End of X-Ray Irradiation")	1	M		

## TID 10022 Radiopharmaceutical Administration Event Data

Table TID 10022. Radiopharmaceutical Administration Event Data

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
9	>	CONTAINS	DATETIME	EV (123003, DCM, "Radiopharmaceutical Start <u>Date</u> Time")	1	M		
10	>	CONTAINS	DATETIME	EV (123004, DCM, "Radiopharmaceutical Stop <u>Date</u> Time")	1	U		

## TID 15101 NM/PET Protocol Context

Table TID 15101. NM/PET Protocol Context

	NL	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
4	>	DATETIME	EV (123003, DCM, "Radiopharmaceutical Start <u>Date</u> Time")	1	U		

	NL	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5	>	DATETIME	EV (123004, DCM, "Radiopharmaceutical Stop <u>DateTime</u> ")	1	U		

**Table D-1. DICOM Controlled Terminology Definitions**

Code Value	Code Meaning	Definition	Notes
113809	Start of X-Ray Irradiation	Start; DateTime of the first X-Ray Irradiation Event of the accumulation within a Study.	
113810	End of X-Ray Irradiation	End; DateTime of the last X-Ray Irradiation Event of the accumulation within a Study.	
113723	Calibration <u>DateTime</u>	Last calibration <u>DateTime</u> for the integrated dose meter or dose calculation.	
122146	Procedure DateTime	The date and time on which a procedure was performed on a patient.	
122163	Discharge DateTime	DateTime of patient discharge from hospital admission.	
122165	<u>DateTime</u> of Death	<u>DateTime</u> of Death.	
122712	Imaging Start <u>DateTime</u>	Imaging Start <u>DateTime</u> .	
123003	Radiopharmaceutical Start <u>DateTime</u>	<u>DateTime</u> of radiopharmaceutical administration to the patient for imaging purposes.	
123004	Radiopharmaceutical Stop <u>DateTime</u>	Ending <u>DateTime</u> of radiopharmaceutical administration to the patient for imaging purposes.	