

1	Status	Letter Ballot
2	Date of Last Update	2024/08/24
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	Antonio Magni
6		mailto:afm@case.edu
7	Submission Date	2024/03/10
8	Correction Number CP-2398	
9	Log Summary: Correct inconsistent time point concepts	
10	Name of Standard	
11	PS3.16	
12	Rationale for Correction:	
13	The codes used for "baseline" are different in two context groups invoked by the time point template.	
14	Not sure why CP 1693 that added CID 280 use the DCM rather than UMLS concept for "baseline" (no explanation in the rationale).	
15	Retire the DCM code for "baseline" replace throughout with the UMLS concept.	
16	Not using (C25213, NCIt, "Baseline") instead of (C1442488, UMLS, "Baseline"), since even though it is generally preferred to use	
17	concepts from defined coding schemes already recognized by DICOM, rather than the mapping code from UMLS, the decision for	
18	CP 1386 that added CID 6146 was to use UMLS rather than NCIt.	
19	Correction Wording:	

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

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TID 1502 Time Point Context

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Table TID 1502. Time Point Context

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
4		HAS OBS CONTEXT	CODE	EV (126072, DCM, "Time Point Type")	1-n	U		BCID 6146 "Time Point Type"
...								
6		HAS OBS CONTEXT	NUM	EV (128740, DCM, "Longitudinal Temporal Offset from Event")	1	U		UNITS = DT (d, UCUM, "days")
7	>	HAS CONCEPT MOD	CODE	EV (128741, DCM, "Longitudinal Temporal Event Type")	1	M		DCID 280 "Longitudinal Temporal Event Type"

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Content Item Descriptions

...	
Row 4	More than one type is permitted, e.g., a time point may be "posttreatment" as well as "unscheduled" or "nadir", etc.
...	
Rows 6, 7	Longitudinal temporal information may be inherited from Longitudinal Temporal Offset from Event (0012,0052) and Longitudinal Temporal Event Type (0012,0053) in the PS3.3 Section C.7.2.3 Clinical Trial Study Module, or may be specified or overridden within this template (e.g., if different measurements in the same SR Instance were measured on different time points).

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CID 280 Longitudinal Temporal Event Type

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Version: ~~20170914~~yyyymmdd

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Table CID 280. Longitudinal Temporal Event Type

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
NCIt	C37948	Enrollment		C1516879
DCM UMLS	424079 C1442488	Baseline		

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CID 6146 Time Point Type

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Version: 20221002

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Table CID 6146. Time Point Type

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
UMLS	C1442488	Baseline		
UMLS	C3539075	Pretreatment		
DCM	126074	Posttreatment		
DCM	126075	Eligibility		

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Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
UMLS	C1699701	Unscheduled		
UMLS	C1708760	Nadir		
SCT	262068006	Pre-operative	R-413C5	C0445204
SCT	262061000	Post-operative	R-413B7	C0032790
SCT	264908009	Post-radiation	R-424A6	C0445177
SCT	262502001	Post-chemotherapy	R-41AEA	C0439577
SCT	314122007	Maintenance therapy	P0-006F0	C0677908
SCT	25173007	Recurrence of tumor	G-F517	C0521158

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- Note**
- (C1442488, UMLS, "Baseline") is (C25213, NCIt, "Baseline"). The ~~undefined use of~~ (121079, DCM, "Baseline") ~~that is used in CID 7003 Diagnostic Imaging Report Purpose of Reference is not used in this context~~has been retired.
 - (C3539075, UMLS, "Pretreatment") is (C103341, NCIt, "Pretreatment").
 - (C1708760, UMLS, "Nadir") is (C43517, NCIt, "Nadir"), and is a synonymn for "lowest", though "nadir" is more commnly used in the context of therapeutic response criteria.

17 **CID 7003 Diagnostic Imaging Report Purpose of Reference**

18 **Version:** ~~20100604~~yyvymdd

20 **Table CID 7003. Diagnostic Imaging Report Purpose of Reference**

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Coding Scheme Designator	Code Value	Code Meaning
DCM <u>UMLS</u>	121079 <u>C1442488</u>	Baseline
DCM	121080	Best illustration of finding
DCM	121112	Source of Measurement
DCM	121200	Illustration of ROI

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26 **D DICOM Controlled Terminology Definitions (Normative)**

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

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Code Value	Code Meaning	Definition	Notes
121079	Baseline	Initial images used to establish a beginning condition that is used for comparison over time to look for changes. [Paraphrases NCI-PT (C1442488, UMLS, "Baseline"), which is defined as "An initial measurement that is taken at an early time point to represent a beginning condition, and is used for comparison over time to look for changes. For example, the size of a tumor will be measured before treatment (baseline) and then afterwards to see if the treatment had an effect. A starting point to which things may be compared."]	<u>Retired.</u> <u>Replaced by</u> <u>(C1442488, UMLS,</u> <u>"Baseline"</u>

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