

## DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2020/01/17
Person Assigned	Tronnier
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Correction Number	CP-1936
Log Summary: Correction of "Adverse Event" child node relation to parent node within TID 11021 and 11022	
Name of Standard	PS3.16 2019e
<p>Rationale for Correction:</p> <p>TID 11021: Nodes of rows 4, 5 with Value Type CODE, rows 8, 9 with Value Type UIDREF and row 10 with Value Type TEXT, which are all children of row 3 (see double chevron indentation level) have CONTAINS relation to their parent node, which is a CODE. This is neither an allowed Relationship Type for an IAASR Plan nor a Performed Object. See table A.35.19-2 and A.35.20-2 in part 3.</p> <p>The correct Rel. with Parent should be HAS PROPERTIES for row 4, 5 and 10.</p> <p>For rows 8 and 9 the Rel with Parent should be set to HAS OBS CONTEXT according to definition of "Has Observation Context" and "Observer Contextin DICOM PS3.3 C.17.5 Observation Context Encoding.</p> <p>TID 11022: In order to be consistent to the above: Nodes of rows 5, 6 with Value Type UIDREF and row 7 with Value Type TEXT (this is actually a reference here used in the same manner as rows 8 and 9 above), which are all children of row 3 (see double chevron indentation level) have HAS PROPERTIES relation to their parent node, which is a CODE. This would be in principle ok, but to be consistent to the change in TID 11021, rows 5, 6 and 7 of TID 11022 should be also changed.</p> <p>The correct Rel. with Parent should be HAS OBS CONTEXT for row 5, 6 and 7.</p>	
<p>Correction Wording:</p> <p>Change value of TID 11021, row 4, 5, 10 column "Rel with Parent" from CONTAINS to HAS PROPERTIES.</p> <p>Change value of TID 11021, row 8, 9 column "Rel with Parent" from CONTAINS to HAS OBS CONTEXT.</p> <p>Change value of TID 11022, row 5, 6, 7 column "Rel with Parent" from HAS PROPERTIES to HAS OBS CONTEXT.</p>	

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

**Table TID 11021. Imaging Agent Administration Adverse Events**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
3	>	CONTAINS	CODE	EV (C41331, NCIt, "Adverse Event")	1-n	M		DCID 60 "Imaging Agent Administration Adverse Events"
4	>>	<b>CONTAINS</b>	CODE	EV (G-C197, SRT,	1	U		BCID (3716)

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
		<u>HAS PROPERTIES</u>		"Severity")				Severity
5	>>	<b>CONTAINS</b> <u>HAS PROPERTIES</u>	CODE	EV (G-D709, SRT, "Relative Time")	1	U		DCID 61 "Time Relative to Procedure"
6	>>	HAS PROPERTIES	DATETIME	EV (130215, DCM, "Adverse Event Detection DateTime")	1	M		
7	>>	HAS PROPERTIES	NUM	EV (130214, DCM, "Estimated Extravasation Volume")	1	UC	IF Row 3 is EV (D0-B0330, SRT, "Injection Site Extravasation")	Units = EV (ml, UCUM, "ml")
8	>>	<b>CONTAINS</b> <u>HAS OBS CONTEXT</u>	UIDREF	EV (130216, DCM, "Referenced Imaging Agent Administration Step UID")	1	U		
9	>>	<b>CONTAINS</b> <u>HAS OBS CONTEXT</u>	UIDREF	EV (130262, DCM, "Referenced Imaging Agent Administration Phase UID")	1	U		
10	>>	<b>CONTAINS</b> <u>HAS PROPERTIES</u>	TEXT	EV (121106, DCM, "Comment")	1	U		

**Table TID 11022. Imaging Agent Administration Injector Events**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
3	>	CONTAINS	CODE	EV (130234, DCM, "Imaging Agent Administration Injector Event Type")	1-n	M		DCID 71 "Imaging Agent Administration Injector Event Type"
4	>>	HAS PROPERTIES	DATETIME	EV (130235, DCM, "Injector Event Detection DateTime")	1	M		
5	>>	<b>HAS PROPERTIES</b> <u>HAS OBS CONTEXT</u>	UIDREF	EV (130216, DCM, "Referenced Imaging Agent Administration Step UID")	1	U		
6	>>	<b>HAS PROPERTIES</b> <u>HAS OBS CONTEXT</u>	UIDREF	EV (130262, DCM, "Referenced Imaging Agent Administration Phase UID")	1	U		
7	>>	<b>HAS PROPERTIES</b> <u>HAS OBS CONTEXT</u>	TEXT	EV (130255, DCM, "Referenced Imaging Agent Identifier")	1	U		Shall be as defined in (130254, DCM, "Imaging Agent Identifier") Row 2 of TID 11002 "Imaging Agent Information"

