

# DICOM Correction Proposal

STATUS	New
Date of Last Update	2019/10/30
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<The box shall precede each new section to be modified>

Correction Number	CP-1991
Log Summary:	Make coding of Phase duration conditional to not being a manual administration.
Name of Standard	PS3.16, 2019c, TID 11008 (Imaging Agent Administration Phase)
Rationale for Correction:	Row 8 is conditional to "Performed Imaging Agent Administration". As it was realized when constructing example MMMM.1 during the specification process, manual administration steps also needs a phase to be coded, as addressed by cp1937 and cp1941 (this is similar to the starting flow rate issue of cp1937). So it is a further issue that it may be difficult to determine the duration of a manual administration phase in daily routine work. It should be left to the implementer, if a suitable process for measuring this period can be established.
Correction Wording:	Change the Condition of row 8 from IF root Concept Name Code Sequence = (130227, DCM "Performed Imaging Agent Administration") to IF root Concept Name Code Sequence = (130227, DCM "Performed Imaging Agent Administration") AND NOT TID11007 row 4 = "Manual Administration"

Amend DICOM PS3.16 2019c as follows  
(changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

## TID 11008 Imaging Agent Administration Phase

This template provides detailed information on Imaging Agent Administration Phase. A phase is part of the administration step and is not interrupted except under abnormal conditions.

**Type:** Extensible  
**Order:** Non-Significant  
**Root:** No

**Table TID 11008. Imaging Agent Administration Phase**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV (130202, DCM, "Imaging Agent Administration Phase")	1	M		

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
2	>	CONTAINS	TEXT	EV (130203, DCM, "Imaging Agent Administration Phase Identifier")	1	M		
3	>	CONTAINS	UIDREF	EV (130261, DCM, "Imaging Agent Administration Performed Phase UID")	1	MC	IFF root Concept Name Code Sequence = (130227, DCM, "Performed Imaging Agent Administration")	
4	>	CONTAINS	CODE	EV (130204, DCM, "Imaging Agent Administration Phase Type")	1	MC	IF TID 11007 Row 4 = (130173, DCM, "Automated Administration")	DCID 62 "Imaging Agent Administration Phase Type"
5	>	CONTAINS	INCLUDE	DTID 11003 "Imaging Agent Administration Syringe/Pump Phase Activity"	1-n	MC	IF TID 11007 Row 4 = (130173, DCM, "Automated Administration")	
6	>	CONTAINS	NUM	EV (130240, DCM, "Total Phase Volume Administered")	1	M		UNITS = EV (ml, UCUM, "ml")
7	>	CONTAINS	DATETIME	EV (111526, DCM, "DateTime Started")	1	MC	IFF root Concept Name Code Sequence = (130227, DCM, "Performed Imaging Agent Administration")	
8	>	CONTAINS	NUM	EV (C0449238, UMLS, "Duration")	1	MC	IF root Concept Name Code Sequence = (130227, DCM, "Performed Imaging Agent Administration")  <b>AND NOT</b> <b>TID11007 row 4 = "Manual Administration"</b>	UNITS = EV (s, UCUM, "s")

### Content Item Descriptions

Row 2	Imaging Agent Administration Phase Identifier is specified as numeric text string, and shall be treated as the ordinal of the recorded administration phase within an administration step (i.e., "1" for the first phase, "2" for the second, etc.).
Row 5	There will be one item for each syringe / pump activity that is administering an agent during this phase.
Row 7	Datetime that the earliest syringe/pump starts administering.
Row 8	Total duration of this phase starting from where the earliest syringe/pump starts administering until the last syringe/pump ends administering.