

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2020/03/10
Person Assigned	Uwe Tronnier
Submitter Name	Uwe Tronnier
Submission Date	2019/09/15

Correction Number	CP-1979
Log Summary: Constrain consumable value in TID 11005	
Name of Standard PS3.16 2020a	
<p>Rationale for Correction:</p> <p>Value Set Constraint of row 4 within TID11005 has to be changed from CID 230 "Yes-No" to CID 231 "Yes-No Only".</p> <p>Moreover, there is a slight difference in semantics of row 4 whether it is used in a Planned Imaging Agent Administration or a Performed Imaging Agent Administration.</p> <p>1. Row 4, of TID 11005 is a mandatory dependent to row 3, which is optional.</p> <p>Allowed code values for row 4 are from CID 230 "Yes-No", which also allows "Undetermined". "Undetermined" becomes the semantic issue: If one uses some material, which is related to the patient, there are strict rules for handling in the means of if this material can be reused for the next patient or it is not allowed to do this. So the technician always has to act in one or the other way. Even if he don't know what state the material has (new or not):</p> <ul style="list-style-type: none"> • If he don't know AND it is allowed to reuse it, he has to say NO. • If he don't know AND it is not allowed to reuse the material, he has to use YES. • If he knows the state (whatever it is) AND reuse is NOT allowed, he has to change the consumable in any case and has to answer YES. <p>There is no place for an uncertainty as "Undetermined".</p> <p>2. In case of using TID 11005 in a Planned Imaging Agent Administration semantic of the values "Yes" and "No" differs from the use of the Performed Imaging Agent Administration: As in a performed object Yes means "it is new" and no means "it is not new", for a planned object Yes means "consumable must be changed" and No means "consumable need not to be changed".</p>	
<p>Correction Wording:</p> <p>1. Change Value Set Constraint of row 4 in TID 11005 from CID 230 to CID 231 "Yes-No Only".</p> <p>2. Create new "row 4" in the content item description block and copy text of number 2 of Rational for Correction verbatim to the content item description text column.</p>	

Amend DICOM PS3.16 as follows

(changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

TID 11005 Imaging Agent Administration Consumable

Table TID 11005. Imaging Agent Administration Consumable

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
4	>>	CONTAINS	CODE	EV (130224, DCM, "Consumable is New"	1	M		DCID 231 "Yes-No Only" DCID-230 "Yes-No"

Content Item Descriptions

<u>Row 4</u>	<u>When included in TID 11020 (Performed Imaging Agent Administration), this value indicates whether the consumable was changed (i.e., newly installed) during preparation for this administration. When included in TID 11001 (Planned Imaging Agent Administration), this value indicates whether the consumable must be changed during preparation for this administration or whether it need not be.</u>
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