

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2014/11/03
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Correction Number	CP-1401
Log Summary: Clarify meaning of PARTIAL in X-Ray RDSR	
Name of Standard PS 3 2014b	
<p>Rationale for Correction:</p> <p>The CP1219 introduced a new section C.17.2.7 in the SR DOCUMENT GENERAL MODULE to clarify the meaning of Completion Flag (0040,A491). In this new section there is an explanatory note saying that “an X-Ray RDSR that documents all the irradiation events within the identified Scope of Accumulation should have a Completion Flag value of COMPLETE”.</p> <p>This note may lead to the conclusion that “on the contrary, if the RDSR does not document all the irradiation events then the Completion Flag should be PARTIAL”. This could be interpreted as a mean to indicate an error case in which the creator detected missing events but still encodes an RDSR with the subset of “captured” events.</p> <p>To clarify this point and avoid future new implementations using PARTIAL to indicate such error case, this CP proposes a normative text in the section A.35.8.3.1 specific to the X-Ray RDSR IOD to clarify that “PARTIAL should not be used to indicate that an RDSR does not contain all the irradiation events within the Scope of Accumulation”.</p>	
Correction Wording:	

Change in PS 3.3 A.35.8.3.1

A.35.8.3.1 X-Ray Radiation Dose SR IOD Content Constraints

A.35.8.3.1.1 Template

The document may be constructed from Baseline TID 10001 "Projection X-Ray Radiation Dose Report" or Baseline TID 10011 "CT Radiation Dose" (defined in PS3.16) invoked at the root node.

Note: This IOD maybe used with other Templates defined for Dose Reporting. Such other Templates maybe specialized for specific modalities or future dose measurement techniques.

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A.35.8.3.1.4 Completion Flag

The Completion Flag (0040,A491) of an X-Ray Radiation Dose SR shall have the value “COMPLETE”.

Note: An RDSR must contain all relevant information from its Scope of Accumulation. The value “PARTIAL” shall not be used, as it would mean that the RDSR does not contain all the irradiation events within the Scope of Accumulation.

C.17.2.7 Completion Flag

Completion Flag (0040,A491) describes the estimated degree of completeness of this SR Document.

Completeness of an SR Document is defined in relation to the scope of the Requested Procedure and the scope of the Root Concept Name. E.g., a Completion Flag value of "COMPLETE" may indicate that the document content includes all significant observations within the topic of the root Concept Name (as restricted by any Concept Modifiers) that are related to the Requested Procedure identified in the Referenced Request Sequence (0040,A370).

Note: ~~An X-Ray Radiation Dose SR that documents all the irradiation events within the identified Scope of Accumulation should have a Completion Flag value of "COMPLETE".~~