

DICOM Correction Item

Correction Number		CP-502	
Log Summary: Contrast Bolus Agent Numbering			
Type of Modification	Name of Standard		
Correction	PS 3.3 2004		
Rationale for Correction			
<p>The Contrast Bolus Agent Number is used within the Contrast Bolus Agent Usage functional group macro to reference the agent defined in the top level Contrast Bolus Agent Sequence. However, since there are no constraints on how this number is assigned, it is harder to extract and validate than need be (requires matching rather than an item number reference).</p> <p>Propose that the number be tied to the sequence item, monotonically increasing from 1, as is done elsewhere in similar sequences.</p> <p>This change does not affect existing implementations, since as yet there are no commercial implementations of these IODs in products, and for the purpose of demonstrations, this change has been agreed to by all participating parties.</p>			
Sections of documents affected			
PS 3.3 C.7.6.4b, C.7.6.16.2.12			
Correction Wording:			

C.7.6.4b Enhanced Contrast/Bolus Module

Table C.7-12b specifies the Attributes that describe the contrast/bolus used in the acquisition of the Image.

Table C.7-12b
ENHANCED CONTRAST/BOLUS MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
Contrast/Bolus Agent Sequence	(0018,0012)	1	Sequence that identifies one or more contrast agents administered prior to or during the acquisition. Shall contain one or more Items.
<i>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>Baseline Context ID is 12.</i>	
>Contrast/Bolus Agent Number	(0018,9337)	1	Identifying number, unique within this SOP Instance, of the agent administered. Used to reference this particular agent from the Contrast/Bolus Functional Group Macro. <u>The number shall be 1 for the first Item and increase by 1 for each subsequent Item.</u>
>Contrast/Bolus Administration Route Sequence	(0018,0014)	1	Sequence that identifies the route of administration of contrast agent. Shall contain exactly one Item.
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C.7.6.16.2.12 Contrast/Bolus Usage Functional Group Macro

Table C.7.16-13 specifies the attributes of the Contrast/Bolus Usage Functional Group macro.

**Table C.7.16-13
CONTRAST/BOLUS USAGE FUNCTIONAL GROUP MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Contrast/Bolus Usage Sequence	(0018,9341)	1	Contains the attributes describing the use of contrast for this frame. One or more Items shall be present in this sequence.
>Contrast/Bolus Agent Number	(0018,9337)	1	Identifying number corresponding to the agent described in the Enhanced Contrast/Bolus Module. <u>The number shall be 1 for the first Item and increase by 1 for each subsequent Item.</u>
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