

DICOM Correction Item

Correction Number	CP-526
Log Summary: Add original attribute sequence for replaced identifiers	
Type of Modification	Name of Standard
Addition	PS 3.3 and PS 3.6 2004
Rationale for Correction	
<p>Importing DICOM objects into another PACS system is increasingly common, as patients are carrying CD's with them with images stored on them from other institutions. In order to import these images into another PACS, certain attributes might have to be coerced/replaced such as the Accession Number, to provide proper archiving and retrieving in this "foreign" PACS system. It is advisable to maintain the original attributes in the header so that one can trace the origin back, and, if so needed, even to regenerate the original identifiers.</p> <p>An optional "Original Attributes Sequence" is added to the SOP Common module to provide this functionality. Additional attributes are added to allow one to trace back the origin.</p>	
Sections of documents affected	
PS 3.3 Section C.12.1, PS 3.6 Section 6	
Correction Wording:	

Item 1: Add new attributes to PS 3.3, Table C.12-1

**Table C.12-1
 SOP COMMON MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
Original Attributes Sequence	(xxxx,yyy1)	3	Sequence of Items containing all attributes that were removed or replaced by other values in the main dataset. One or more Items may be permitted in this sequence.
>Source of Previous Values	(xxxx,yyy4)	2	The source that provided the SOP Instance prior to the removal or replacement of the values. For example, this might be the Institution from which imported SOP Instances were received.
>Attribute Modification Datetime	(xxxx,yyy2)	1	Date and time the attributes were removed and/or replaced
>Modifying System	(xxxx,yyy3)	1	Identification of the system which removed and/or replaced the attributes
>Reason for the Attribute Modification	(xxxx,yyy5)	1	Reason for the attribute modification. Defined terms are: COERCE = Replace values of attributes such as Patient Name, ID, Accession Number, for example, during import of media from an external institution, or reconciliation against a master patient index. CORRECT = Replace incorrect values, such as Patient Name or ID, for example, when incorrect worklist item was chosen or operator input error.
>Modified Attribute Sequence	(0400,0550)	1	Sequence containing a single item that contains all the Attributes that were modified or removed from the main data set.
>>Any Attribute from the main data set that was modified or removed			

Note: If Issuer of Patient ID (0010,0021) is included in the Modified Attribute Sequence, the context of the prior Patient ID (0010,0020) can be more precisely identified.

Item 2: Add new attributes to PS 3.6, Section 6

Tag	Name	VR	VM
(xxxx,yyy1)	Original Attributes Sequence	SQ	1
(xxxx,yyy2)	Attribute Modification Datetime	DT	1
(xxxx,yyy3)	Modifying System	LO	1
(xxxx,yyy4)	Source of Previous Values	LO	1
(xxxx,yyy5)	Reason for the Attribute Modification	CS	1