

DICOM Correction Item

Correction Number		CP-770
Log Summary: Remove redundant sequence attribute condition example		
Type of Modification	Name of Standard	
Correction	PS 3.3 2007	
Rationale for Correction		
The pattern of not specify "required if sequence item is present" for attributes within sequences is now well established and almost all actual uses of the old style have been eliminated, but the example in the introductory material still describes the issue.		
Sections of documents affected		
PS 3.3 5.2		
Correction Wording:		

5.2 SEQUENCES

Certain Tables in this Standard describe Sequences of Items by using the symbol: '>'. The symbol '>' precedes the Attribute (or Module) Name of the members of an Item. All marked Attributes (or Modules) belong to the generic description of an Item which may be repeated to form a Sequence of Items. This Sequence of Items is nested in the Attribute (or Module) which precedes in the table the first member marked with a '>'.

Note: The following table describes the "Referenced Series Sequences" Attribute as a Sequence of one or more Items where each Item contains the three Attributes marked by a '>'. The Sequence of Items is nested inside the value of the Referenced Series Sequence Attribute. The following Attribute (not marked) is not part of the Items of the Sequence.

.....
Referenced Series Sequence
> Series Date
> Series Time
> Series Instance UID
Modality

This notation may be used to create nested hierarchical structures by using '>>' at the second level of nesting and so on.

The Type of the Sequence attribute defines whether the Sequence attribute itself must be present, and the Attribute Description of the Sequence attribute may define whether and how many Items shall be present in the Sequence. The Types of the attributes of the Data Set included in the Sequence, including any conditionality, are specified within the scope of each Data Set, i.e., for each Item present in the Sequence. See PS 3.5.

It is not necessary to specify for any Attribute within a Sequence the condition that it is “required if a Sequence Item is present”, since this is always implicit, whether or not there are additional requirements.

Notes: — 1. ~~Some sections of the Standard often include Attributes within a Sequence of Items under the condition that a Sequence Item is present. For example, as shown in the following table, Requested Procedure ID (0040,1001) has Type 1C and is included under the condition that “Required if Sequence Item is present”:~~

Attribute Name	Tag	Type	Attribute Description
Request Attributes Sequence	(0040,0275)	3	Sequence that contains attributes from the Imaging Service Request. The sequence may have one or more Items.
>Requested Procedure ID	(0040,1001)	1C	Identifier which identifies the Requested Procedure in the Imaging Service Request. Required if Sequence Item is present.
>Scheduled Procedure Step ID	(0040,0009)	1C	Identifier which identifies the Scheduled Procedure Step. Required if Sequence Item is present.

— 2. ~~The condition may be omitted since it is redundant with the Type of the Sequence attribute. The above example may be equivalently specified without the conditions, as illustrated in the following table:~~

Attribute Name	Tag	Type	Attribute Description
Request Attributes Sequence	(0040,0275)	3	Sequence that contains attributes from the Imaging Service Request. The sequence may have one or more Items.
>Requested Procedure ID	(0040,1001)	1	Identifier which identifies the Requested Procedure in the Imaging Service Request.
>Scheduled Procedure Step ID	(0040,0009)	1	Identifier which identifies the Scheduled Procedure Step.