

DICOM Correction Item

Correction Number	CP-537
Log Summary:	Add Purpose Of Reference to GP-SPS
Type of Modification	Name of Standard
Addition	PS 3.3-2004 PS 3.4-2004
Rationale for Correction:	
<p>The Input Information Sequence and Relevant Information Sequence in the GP-SPS list the SOP Instances that are considered pertinent for the performance of the scheduled procedure step. However, they do not allow to categorize different types of Input or Relevant Information that might need to be used differently while performing Scheduled Procedure Step.</p> <p>This change adds an explicit Purpose of Reference to the sequence items. As categories of Input and Relevant Information are dependent on the nature of Workitem to be performed, the base context ID for Purpose of Reference shall be specified at macro invocation whenever possible.</p>	
Sections of documents affected	
PS 3.3 Annex C.17 PS 3.4 Annex K.6.2.2.2	
Correction Wording:	
<i>Modify PS 3.3 Annex C.17</i>	

**Table C.17-3
 SOP INSTANCE REFERENCE MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Study Instance UID	(0020,000D)	1	Unique identifier for the Study
Referenced Series Sequence	(0008,1115)	1	Sequence of Repeating Items where each Item includes the Attributes of a Series containing referenced Composite Object(s). One or more Items may be included in this sequence
>Series Instance UID	(0020,000E)	1	Unique identifier of a Series that is part of this Study and contains the referenced Composite Object(s).
>Retrieve AE Title	(0008,0054)	3	Title of the DICOM Application Entity where the Composite Object(s) may be retrieved on the network.
>Storage Media File-Set ID	(0088,0130)	3	The user or implementation specific human readable identifier that identifies the Storage Media on which the Composite Object (s) reside.
>Storage Media File-Set UID	(0088,0140)	3	Uniquely identifies the Storage Media on which the Composite Object (s) reside.
>Referenced SOP Sequence	(0008,1199)	1	References to Composite Object SOP Class/SOP Instance pairs that are part of the Study defined by Study Instance UID and the Series defined by Series Instance UID

			(0020,000E). One or more Items may be included in this sequence
>>Referenced SOP Class UID	(0008,1150)	1	Uniquely identifies the referenced SOP Class.
>>Referenced SOP Instance UID	(0008,1155)	1	Uniquely identifies the referenced SOP Instance.
>>Purpose of Reference Code Sequence	(0040,A170)	3	<u>Describes the purpose for which the reference is made. Zero or more Items may be included in this sequence.</u>
<u>>>Include 'Code Sequence Macro' Table 8.8-1</u>		<u>Baseline Context ID may be specified in Macro invocation.</u>	

Modify PS 3.4 Annex K.6.2.2.2

Table K.6-2 Attributes for the General Purpose Worklist Information Model

Description / Module	Tag	Matching Key Type	Return Key Type	Remark / Matching Type
...				
General Purpose Scheduled Procedure Step Information				
...				
Input Information Sequence	(0040,4021)	O	2	
>Study Instance UID	(0020,000D)	O	1	
>Referenced Series Sequence	(0008,1115)	O	1	
>>Series Instance UID	(0020,000E)	O	1	
>>Retrieve AE Title	(0008,0054)	O	2C	Shall not be present if Storage Media File-Set ID (0088,0130) or Storage Media File-Set UID (0088,0140) is present.
>>Storage Media File-Set ID	(0088,0130)	O	2C	Shall not be present if Retrieve AE Title (0008,0054) is present.
>>Storage Media File-Set UID	(0088,0140)	O	2C	Shall not be present if Retrieve AE Title (0008,0054) is present.
>>Referenced SOP Sequence	(0008,1199)	O	1	
>>>Referenced SOP Class UID	(0008,1150)	O	1	
>>>Referenced SOP Instance UID	(0008,1155)	O	1	
>>>Purpose of Reference Code Sequence	(0040,A170)	O	3	
>>>>Code Value	(0008,0100)	-	1	
>>>>Coding Scheme Designator	(0008,0102)	-	1	

>>>>Code Meaning	(0008,0104)	-	1	
Relevant Information Sequence	(0040,4022)	O	2	
>Study Instance UID	(0020,000D)	O	1	
>Referenced Series Sequence	(0008,1115)	O	3	
>>Series Instance UID	(0020,000E)	O	1	
>>Retrieve AE Title	(0008,0054)	O	2C	Shall not be present if Storage Media File-Set ID (0088,0130) or Storage Media File-Set UID (0088,0140) is present.
>>Storage Media File-Set ID	(0088,0130)	O	2C	Shall not be present if Retrieve AE Title (0008,0054) is present.
>>Storage Media File-Set UID	(0088,0140)	O	2C	Shall not be present if Retrieve AE Title (0008,0054) is present.
>>Referenced SOP Sequence	(0008,1199)	O	1	
>>>Referenced SOP Class UID	(0008,1150)	O	1	
>>>Referenced SOP Instance UID	(0008,1155)	O	1	
>>>Purpose of Reference Code Sequence	(0040,A170)	O	3	
>>>>Code Value	(0008,0100)	-	1	
>>>>Coding Scheme Designator	(0008,0102)	-	1	
>>>>Code Meaning	(0008,0104)	-	1	
...				