

DICOM Correction Proposal

STATUS	Letter Ballot
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Correction Number	CP-1532
Log Summary: Modify the Specific CharacterSet Description for the MWL Conformance Statement Example	
Name of Standard PS3.2	
Rationale for Correction: The Specific Character Set (0008, 0005) Attribute for the Worklist Identifier has not been specified both as a Matching Key and as a Return Key, since CP-546 was approved. However the Table B.4.2-24 of the Conformance Statement for Modality Worklist in PS3.2 shows that Specific Character Set is specified as Return Key. This CP proposes to modify the description of the Attribute appropriately.	
Correction Wording:	

B.4.2.2.3.1.3 SOP Specific Conformance for Modality Worklist

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The Table below provides a description of the EXAMPLEINTEGRATED-MODALITY Worklist Request Identifier and specifies the attributes that are copied into the images. Unexpected attributes returned in a C-FIND response are ignored.

Requested return attributes not supported by the SCP are set to have no value. Non-matching responses returned by the SCP due to unsupported optional matching keys are ignored. No attempt is made to filter out possible duplicate entries.

Modify Table B.4.2-24 of Section B.4.2.2.3.1.3 in Part 2.

Table B.4.2-24. Worklist Request Identifier

Module Name							
Module Name Attribute Name	Tag	VR	M	R	Q	D	IOD
SOP Common							
Specific Character Set	(0008,0005)	CS		*			
For the attributes which are not Key Attributes, see Table B.4.2-24a.							

Module Name							
Module Name Attribute Name	Tag	VR	M	R	Q	D	IOD
Scheduled Procedure Step							
Scheduled Procedure Step Sequence	(0040,0100)						
>Scheduled Station AET	(0040,0001)	AE	(S)			x	
>Scheduled Procedure Step Start Date	(0040,0002)	DA	S			x	
>Scheduled Procedure Step Start Time	(0040,0003)	TM		x		x	
>Modality	(0008,0060)	CS	S	x			
>Scheduled Performing Physician's Name	(0040,0006)	PN		x	x	x	x
>Scheduled Procedure Step Description	(0040,0007)	LO		x		x	x
>Scheduled Station Name	(0040,0010)	SH		x			
>Scheduled Procedure Step Location	(0040,0011)	SH		x			
>Scheduled Protocol Code Sequence	(0040,0008)	SQ		x			x
>Pre-Medication	(0040,0012)	LO		x		x	
>Scheduled Procedure Step ID	(0040,0009)	SH		x		x	x
>Requested Contrast Agent	(0032,1070)	LO		x		x	
Requested Procedure							
Requested Procedure ID	(0040,1001)	SH		x	x	x	x
Requested Procedure Description	(0032,1060)	LO		x		x	x
Study Instance UID	(0020,000D)	UI		x			x
Requested Procedure Priority	(0040,1003)	SH		x			
Patient Transport Arrangements	(0040,1004)	LO		x			
Referenced Study Sequence	(0008,1110)	SQ		x			x
Requested Procedure Code Sequence	(0032,1064)	SQ		x			x
Imaging Service Request							
Accession Number	(0008,0050)	SH		x	x	x	x
Requesting Physician	(0032,1032)	PN		x		x	x
Referring Physician's Name	(0008,0090)	PN		x	x	x	x
Visit Identification							
Admission ID	(0038,0010)	LO		x			
Visit Status							
Current Patient Location	(0038,0300)	LO		x	x		

Module Name							
Module Name Attribute Name	Tag	VR	M	R	Q	D	IOD
Visit Admission							
Admitting Diagnosis Description	(0008,1080)	LO		x		x	
Patient Identification							
Patient Name	(0010,0010)	PN		x	x	x	x
Patient ID	(0010,0020)	LO		x	x	x	x
Patient Demographic							
Patient's Birth Date	(0010,0030)	DA		x	x	x	x
Patient's Sex	(0010,0040)	CS		x	x	x	x
Patient's Weight	(0010,1030)	DS		x		x	x
Confidentiality constraint on patient data	(0040,3001)	LO		x		x	
Patient Medical							
Patient State	(0038,0500)	LO		x		x	
Pregnancy Status	(0010,21C0)	US		x		x	
Medical Alerts	(0010,2000)	LO		x		x	
Allergies	(0010,2110)	LO		x		x	
Special Needs	(0038,0050)	LO		x		x	

Add Table B.4.2-24a at Section B.4.2.2.3.1.3 in Part 2.

Table B.4.2-24a. Worklist Request Identifier Not Key Attribute

Module Name			
Attribute Name	Tag	VR	Presence of Attribute and Value
SOP Common			
Specific Character Set	(0008,0005)	CS	If the extended character set specified at B.6 is used in the Request Identifier, the EXAMPLE-INTEGRATED-MODALITY will supply this Attribute with the value "ISO_IR 100" or "ISO_IR 144". Otherwise, the EXAMPLE-INTEGRATED-MODALITY will not supply this Attribute.

Modify the following description at Section B.4.2.2.3.1.3 in Part 2.

The above tables should be read as follows:

Module Name	The name of the associated module for supported worklist attributes.
Attribute Name	Attributes supported to build an EXAMPLEINTEGRATED-MODALITY Worklist Request Identifier.
Tag	DICOM tag for this attribute.
VR	DICOM VR for this attribute.
M	Matching keys for (automatic) Worklist Update. A "S" will indicate that EXAMPLE-INTEGRATED-MODALITY will supply an attribute value for Single Value Matching, a "R" will indicate Range Matching and a "*" will denote wild card matching. It can be configured if "Scheduled Station AE Title" is additionally supplied "(S) " and if Modality is set to RF or SC.
R	Return keys. An "x" will indicate that EXAMPLE-INTEGRATED-MODALITY will supply this attribute as Return Key with zero length for Universal Matching. The EXAMPLE-INTEGRATED-MODALITY will support retired date format (yyyy.mm.dd) for "Patient's Birth Date" and "Scheduled Procedure Step Start Date" in the response identifiers. For "Scheduled Procedure Step Start Time" also retired time format as well as unspecified time components are supported.
Q	Interactive Query Key. An "x" " will indicate that EXAMPLE-INTEGRATED-MODALITY will supply this attribute as matching key, if entered in the Query Patient Worklist dialog. For example, the Patient Name can be entered thereby restricting Worklist responses to Procedure Steps scheduled for the patient.
D	Displayed keys. An "x" indicates that this worklist attribute is displayed to the user during a patient registration dialog. For example, Patient Name will be displayed when registering the patient prior to an examination.
IOD	An "x" indicates that this Worklist attribute is included into all Object Instances created during performance of the related Procedure Step.

The default Query Configuration is set to "Modality" (RF) and "Date" (date of today). Optionally, additional matching for the own AET is configurable.

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B.6 Support of Character Sets

All EXAMPLE-INTEGRATED-MODALITY DICOM applications support the

ISO_IR 100 (ISO 8859-1:1987 Latin Alphabet No. 1 supplementary set)

ISO_IR 144 (ISO 8859-5:1988 Latin/Cyrillic Alphabet supplementary set)

If the EXAMPLE-INTEGRATED-MODALITY is configured for Cyrillic character set support, ISO_IR 144 will be used automatically.

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