

DICOM Correction Item

Correction Number		CP-284
Log Summary: Add SOP Class UID as Optional Query Key		
Type of Modification	Name of Standard	
Clarification	PS 3.4 2001	
Rationale for Correction		
<p>Since the Query/Retrieve Service Class was defined, SOP Class UID has been identified as a very important return key in an instance-level C-FIND.</p> <p>As the variety of composite objects has expanded to include non-image objects such as reports, waveforms and presentation states, this attribute has become increasingly important in distinguishing the types of instances found, with greater granularity than can be determined by the Series-level Modality attribute. For such reasons, it is required in the IHE technical framework. Furthermore, constraining the set of Storage SOP Classes negotiated during a C-GET may require a priori knowledge of those required, possibly obtained by an initial instance-level C-FIND. Though C-GET is little used it is becoming more useful when secure connections are required.</p> <p>Though it is too late to make SOP Class UID mandatory, it is proposed to highlight that it is an optional key, and to add a note strongly recommending that it be supported by SCPs.</p>		
Sections of documents affected		
PS 3.4 C.6.1.1.5		
Correction Wording:		

Amend the text in Annex C:

C.6.1.1.5 Composite object instance Level

Table C.6-4 defines the keys at the Composite object instance Information level of the Patient Root Query/Retrieve Information Model.

**Table C.6-4
COMPOSITE OBJECT INSTANCE LEVEL KEYS FOR THE PATIENT
ROOT QUERY/RETRIEVE INFORMATION MODEL**

Description	Tag	Type
Instance Number	(0020,0013)	R
Overlay Number	(0020,0022)	O
Curve Number	(0020,0024)	O
LUT Number	(0020,0026)	O
SOP Instance UID	(0008,0018)	U
SOP Class UID	(0008,0016)	<u>O</u>
All Other Attributes at composite object instance Level		O

Notes: 1. Ideally, Overlay Number (0020,0022), Curve Number (0020,0024), LUT Number (0020,0026) and Report Number (0020,00AA) would be of Type R rather than Type O to require an SCP to

match on these keys. However for backward compatibility with SCPs that are not aware of the revised model, they remain Type O. An SCP that is aware of the revised model can state in its Conformance Statement that matching on these keys IS performed. Instance Number (0020,0013), if present in non-image objects is the preferred key if present in revised objects.

2. SOP Class UID (0008,0016) is an optional key, but it is strongly recommended that it always be returned by all SCPs, if matching is requested.

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C.6.2.1.4 Composite object instance Level

Attributes for the Composite object instance Level of the Study Root Query/Retrieve Information Model are the same as the Attributes for the Composite object instance Level of the Patient Root Query/Retrieve Information Model described in Section C.6.1.1.5.

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