

1	Status	Final Text
2	Date of Last Update	2015/06/02
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7	Submission Date	2008/08/28

8	Correction Number CP-934	
9	Log Summary: Fix Inconsistency of C-FIND only Number of Patient Related XXX attributes	
10	Name of Standard	
11	PS3.4 2015b	
12	Rationale for Correction:	
13	PS3.4 is inconsistent about whether or not the following attributes are allowed in a study root, study level request.	
14	<ul style="list-style-type: none"> • Number of Patient Related Studies (0020,1200) 	
15	<ul style="list-style-type: none"> • Number of Patient Related Series (0020,1202) 	
16	<ul style="list-style-type: none"> • Number of Patient Related Instances (0020,1204) 	
17	Table C.3-1 states that they represent "The number of (studies/series/composite object instances) that match the Patient level	
18	Query/Retrieve search criteria", i.e. explicitly tying them to the PATIENT level, but Table C.6-5 lists them as available (optional) for	
19	Study Root, Study Level queries.	
20	Remove the attributes from the Study Root Study Level table.	
21	Correction Wording:	

Amend DICOM PS3.4 as follows:

C.3.4 Additional Query/Retrieve Attributes

Some optional Attributes that may be used in Query/Retrieve Information Models that are not Attributes of an Information Object Definition and, therefore, are not defined in PS3.3. These Attributes are defined in Table C.3-1.

Table C.3-1. Additional Query/Retrieve Attributes

Attribute Name	Tag	Attribute Description
Number of Patient Related Studies	(0020,1200)	The number of studies that match the Patient level Query/Retrieve search criteria
Number of Patient Related Series	(0020,1202)	The number of series that match the Patient level Query/Retrieve search criteria
Number of Patient Related Instances	(0020,1204)	The number of Composite Object Instances that match the Patient level Query/Retrieve search criteria
Number of Study Related Series	(0020,1206)	The number of series that match the Study level Query/Retrieve search criteria
Number of Series Related Instances	(0020,1209)	The number of Composite Object Instances in a Series that match the Series level Query/Retrieve search criteria
Number of Study Related Instances	(0020,1208)	The number of Composite Object Instances that match the Study level Query/Retrieve search criteria
Modalities in Study	(0008,0061)	All of the distinct values used for Modality (0008,0060) in the Series of the Study.
SOP Classes in Study	(0008,0062)	The SOP Classes contained in the Study.
Alternate Representation Sequence	(0008,3001)	A Sequence of Items, each identifying an alternate encoding of an image that matches the Instance level Query/Retrieve search criteria (see Section C.6.1.1.5.1)

If the SCP manages images in multiple alternate encodings, only one of the alternate encodings of an image is included in the number of object instances.

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C.6.1.1.2 Patient Level

Table C.6-1 defines the Attributes at the Patient Query/Retrieve level of the Patient Root Query/Retrieve Information Model.

Note

1. A description of the Attributes of this Information Model is contained in Section C.3 of this part.
2. Although the Patient ID may not be globally unique, the Study Instance UID is globally unique ensuring that no two studies may be misidentified.

Table C.6-1. Patient Level Attributes for the Patient Root Query/Retrieve Information Model

Attribute Name	Tag	Type
Patient's Name	(0010,0010)	R
Patient ID	(0010,0020)	U
Issuer of Patient ID	(0010,0021)	O
Referenced Patient Sequence	(0008,1120)	O
>Referenced SOP Class UID	(0008,1150)	O

Attribute Name	Tag	Type
>Referenced SOP Instance UID	(0008,1155)	O
Patient's Birth Date	(0010,0030)	O
Patient's Birth Time	(0010,0032)	O
Patient's Sex	(0010,0040)	O
Other Patient Ids	(0010,1000)	O
Other Patient Names	(0010,1001)	O
Ethnic Group	(0010,2160)	O
Patient Comments	(0010,4000)	O
Number of Patient Related Studies	(0020,1200)	O
Number of Patient Related Series	(0020,1202)	O
Number of Patient Related Instances	(0020,1204)	O
<i>All other Attributes at Patient Level</i>		O

C.6.1.1.3 Study Level

Table C.6-2 defines the keys at the Study Information level of the Patient Root Query/Retrieve Information Model.

Note

1. A description of the Attributes of this Information Model is contained in Section C.3 of this Part.
2. Although the Patient ID may not be globally unique, the Study Instance UID is globally unique ensuring that no two studies may be misidentified.

Table C.6-2. Study Level Keys for the Patient Root Query/Retrieve Information Model

Attribute Name	Tag	Type
Study Date	(0008,0020)	R
Study Time	(0008,0030)	R
Accession Number	(0008,0050)	R
Study ID	(0020,0010)	R
Study Instance UID	(0020,000D)	U
Modalities in Study	(0008,0061)	O
SOP Classes in Study	(0008,0062)	O
Referring Physician's Name	(0008,0090)	O
Study Description	(0008,1030)	O
Procedure Code Sequence	(0008,1032)	O
>Code Value	(0008,0100)	O
>Coding Scheme Designator	(0008,0102)	O
>Coding Scheme Version	(0008,0103)	O
>Code Meaning	(0008,0104)	O
Name of Physician(s) Reading Study	(0008,1060)	O
Admitting Diagnoses Description	(0008,1080)	O
Referenced Study Sequence	(0008,1110)	O
>Referenced SOP Class UID	(0008,1150)	O
>Referenced SOP Instance UID	(0008,1155)	O

Attribute Name	Tag	Type
Patient's Age	(0010,1010)	O
Patient's Size	(0010,1020)	O
Patient's Weight	(0010,1030)	O
Occupation	(0010,2180)	O
Additional Patient History	(0010,21B0)	O
Other Study Numbers	(0020,1070)	O
Number of Study Related Series	(0020,1206)	O
Number of Study Related Instances	(0020,1208)	O
<i>All other Attributes at Study Level</i>		O

C.6.2.1.2 Study Level

Table C.6-5 defines the keys at the Study Information level of the Study Root Query/Retrieve Information Model.

Note

1. A description of the Attributes of this Information Model is contained in Section C.3.
2. Although the Patient ID may not be globally unique, the Study Instance UID is globally unique ensuring that no two studies may be misidentified.

Table C.6-5. Study Level Keys for the Study Root Query/Retrieve Information Model

Attribute Name	Tag	Type
Study Date	(0008,0020)	R
Study Time	(0008,0030)	R
Accession Number	(0008,0050)	R
Patient's Name	(0010,0010)	R
Patient ID	(0010,0020)	R
Study ID	(0020,0010)	R
Study Instance UID	(0020,000D)	U
Modalities in Study	(0008,0061)	O
SOP Classes in Study	(0008,0062)	O
Referring Physician's Name	(0008,0090)	O
Study Description	(0008,1030)	O
Procedure Code Sequence	(0008,1032)	O
>Code Value	(0008,0100)	O
>Coding Scheme Designator	(0008,0102)	O
>Coding Scheme Version	(0008,0103)	O
>Code Meaning	(0008,0104)	O
Name of Physician(s) Reading Study	(0008,1060)	O
Admitting Diagnoses Description	(0008,1080)	O
Referenced Study Sequence	(0008,1110)	O
>Referenced SOP Class UID	(0008,1150)	O
>Referenced SOP Instance UID	(0008,1155)	O
Referenced Patient Sequence	(0008,1120)	O

Attribute Name	Tag	Type
>Referenced SOP Class UID	(0008,1150)	O
>Referenced SOP Instance UID	(0008,1155)	O
Issuer of Patient ID	(0010,0021)	O
Patient's Birth Date	(0010,0030)	O
Patient's Birth Time	(0010,0032)	O
Patient's Sex	(0010,0040)	O
Other Patient Ids	(0010,1000)	O
Other Patient Names	(0010,1001)	O
Patient's Age	(0010,1010)	O
Patient's Size	(0010,1020)	O
Patient's Weight	(0010,1030)	O
Ethnic Group	(0010,2160)	O
Occupation	(0010,2180)	O
Additional Patient History	(0010,21B0)	O
Patient Comments	(0010,4000)	O
Other Study Numbers	(0020,1070)	O
Number of Patient Related Studies	(0020,1200)	O
Number of Patient Related Series	(0020,1202)	O
Number of Patient Related Instances	(0020,1204)	O
Number of Study Related Series	(0020,1206)	O
Number of Study Related Instances	(0020,1208)	O
<i>All other Attributes at Study Level</i>		O

Note

The use of the word "Images" rather than "Composite Object Instances" is historical, and should not be taken to mean that Composite Object Instances of other than image type are not included in the number.