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8	Correction Number CP-1690	
9	Log Summary: Query Key for Anatomic Regions in Study	
10	Name of Standard	
11	PS3.4, PS3.6	
12	Rationale for Correction:	
13	It is useful when retrieving relevant priors to know what anatomic regions are present in a Study and this information should not	
14	require multiple Series level queries to obtain, as is presently the case.	
15	It is proposed to add a new Study level query attribute similar to the existing Modalities in Study and SOP Classes in Study.	
16	Correction Wording:	

Amend DICOM PS3.4 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

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 ????. 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.
<u>Anatomic Regions in Study Code Sequence</u>	<u>(0008,eee1)</u>	<p><u>The anatomic regions of interest in this Study (i.e., external anatomy, surface anatomy, or general region of the body).</u></p> <p><u>One or more Items are permitted in this Sequence.</u></p> <p>Note</p> <p><u>If the Instances in the Study contain Anatomic Region Sequence (0008,2218), then the Items of this Sequence may be the union of the codes in the Instances. Alternatively, multiple (usually contiguous) anatomic regions might be combined into a single code. E.g., (T-D3000, SRT, "Chest"), (T-D4000, SRT, "Abdomen") and (T-D6000, SRT, "Pelvis") might be combined into (R-FAB56, SRT, "Chest, Abdomen and Pelvis").</u></p> <p><u>If Instances in the Study do not contain Anatomic Region Sequence (0008,2218) but do contain Body Part Examined (0018,0015), then codes equivalent to recognized values of Body Part Examined (0018,0015) may be used. See PS3.16 Annex L for standard equivalent values. E.g., if an Instance contained Body Part Examined (0018,0015) with a value of "CHEST", then this Sequence might contain (T-D3000, SRT, "Chest").</u></p>
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 ???)

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C.6.1.1.3 Study Level

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
<u>Anatomic Regions in Study Code Sequence</u>	<u>(0008,eee1)</u>	<u>O</u>
...
<i>All other Attributes at Study Level</i>		O

C.6.2.1.2 Study Level

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
<u>Anatomic Regions in Study Code Sequence</u>	<u>(0008,eee1)</u>	<u>O</u>
...
<i>All other Attributes at Study Level</i>		O

Amend DICOM PS3.6 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

6 Registry of DICOM Data Elements

Table 6-1. Registry of DICOM Data Elements

Tag	Name	Keyword	VR	VM	
(0008,0062)	SOP Classes in Study	SOPClassesInStudy	UI	1-n	
<u>(0008,eee1)</u>	<u>Anatomic Regions in Study Code Sequence</u>	<u>AnatomicRegionsInStudyCode Sequence</u>	<u>SQ</u>	<u>1</u>	