

DICOM Correction Item

Correction Number CP-373									
Log Summary: Correct CID 7455									
Type of Modification Modification	Name of Standard PS 3.16								
<p>Rationale for Correction:</p> <p>CID 7455 claims to use the coding scheme of ISO 5218, but in fact it does not. ISO 5218 does not use an alphanumeric code:</p> <p style="padding-left: 40px;">It provides a numeric code that is independent of language-derived codes</p> <p>ISO 5218 only provides four codes:</p> <table style="margin-left: 40px; border: none;"> <tr><td>Not known</td><td>0 (zero)</td></tr> <tr><td>Male</td><td>1 (one)</td></tr> <tr><td>Female</td><td>2 (two)</td></tr> <tr><td>Not specified</td><td>9 (nine)</td></tr> </table> <p>Most important, ISO 5218 specifically disclaims its use in medical contexts:</p> <p style="padding-left: 40px;">It does not provide codes for sexes that may be required in specific medical and scientific applications.</p> <p>Thus it does not deal with intersexual (hermaphroditic) or transsexual concepts included in CID 7455.</p> <p>ISO 5218 might, however, be used for administrative contexts in a medical facility (e.g., for assignment to sex-separated facilities), as in the HL7 AdministrativeGender vocabulary domain. However, HL7 defines its own codes for this purpose and does not use ISO 5218. HL7 does not define a clinical sex vocabulary.</p> <p>The source of the codes in this context group is ASTM Standard E1633, which makes an ambiguous reference to ISO 5218 when presenting the codes. However, E1633 does not claim to be a coding scheme for these values.</p> <p>This CP Moves these code values into the DICOM Controlled Terminology.</p>		Not known	0 (zero)	Male	1 (one)	Female	2 (two)	Not specified	9 (nine)
Not known	0 (zero)								
Male	1 (one)								
Female	2 (two)								
Not specified	9 (nine)								
Sections of documents affected									
PS 3.16 Section 8, and Annexes A, B, and D									
Correction Wording:									

Modify PS3.16 Section 8

Table 8-1 Coding Schemes

Coding Scheme Designator	Coding Scheme UID	Description
...		
ISO5218_1		Representation of Human Sexes (not used – see note)

Note: Coding Scheme Designator ISO5218 1 was improperly specified in earlier editions of the standard. The codes attributed to that coding scheme have been added to the DICOM Controlled

Terminology, and thus all references to coding scheme ISO5218 1 should be considered equivalent to coding scheme DCM.

Modify PS3.16 Annex A, TID 1007

**TID 1007
SUBJECT CONTEXT, PATIENT
Type: Extensible**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5			CODE	EV (121032,DCM, "Subject Sex")	1	U		Defaults to value of equivalent to Patient's Sex (0010,0040) in Patient Module DCID [7455] Sex

Amend PS3.16 Annex B, CID 7455:

CID 7455 Sex

This Context Group includes terms for the finding of sex of a subject for clinical purposes, such as selection of sex-based growth metrics.

**Context ID 7455
Sex**

Type: Non-Extensible

Version: 2002090 2003mmdd

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	Patient's Sex (0010,0040) Equivalent
<u>ISO5218_1 DCM</u>	M	Male	<u>M</u>
<u>ISO5218_1 DCM</u>	F	Female	<u>F</u>
<u>ISO5218_1 DCM</u>	U	Unknown <u>sex</u>	
<u>ISO5218_1 DCM</u>	MP	Male Pseudohermaphrodite	
<u>ISO5218_1 DCM</u>	FP	Female Pseudohermaphrodite	
<u>ISO5218_1 DCM</u>	H	Hermaphrodite	
<u>ISO5218_1 DCM</u>	MC	Male changed to Female	
<u>ISO5218_1 DCM</u>	FC	Female changed to Male	
DCM	121104	Ambiguous sex	
DCM	121102	Other <u>sex</u>	
DCM	121103	Undetermined <u>sex (temporarily)</u>	<u>Q</u>

Notes: 1. These terms are distinct from the gender of a subject for administrative purposes, although the default value for clinical sex is often based on the administrative gender (e.g., see TID 1007). The

administrative value “O” from Patient’s Sex (0010,0040) maps by default to “undetermined” for clinical purposes.

2. This Context Group in a prior edition of the Standard included codes improperly attributed to ISO 5218.

ISO 5218 is the choice of coding scheme 3. These terms are derived from the terminology and codes for sex in ASTM E1633-02a “Standard Specification for Coded Values Used in the Electronic Health Record.”

Modify PS3.16 Annex D

DICOM Code Definitions (Coding Scheme Designator “DCM” Coding Scheme Version “01”)

Code Value	Code Meaning	Definition	Notes
<u>M</u>	<u>Male</u>	<u>Male sex</u>	
<u>F</u>	<u>Female</u>	<u>Female sex</u>	
<u>U</u>	<u>Unknown Sex</u>	<u>Unknown Sex</u>	
<u>MP</u>	<u>Male Pseudohermaphrodite</u>	<u>Male Pseudohermaphrodite</u>	
<u>FP</u>	<u>Female Pseudohermaphrodite</u>	<u>Female Pseudohermaphrodite</u>	
<u>H</u>	<u>Hermaphrodite</u>	<u>Hermaphrodite</u>	
<u>MC</u>	<u>Male changed to Female</u>	<u>Male sex changed to Female sex</u>	
<u>FC</u>	<u>Female changed to Male</u>	<u>Female sex changed to Male sex</u>	
<u>121104</u>	<u>Ambiguous sex</u>	<u>Ambiguous sex</u>	
121032	Subject Sex	<u>Sex of subject for clinical purposes</u>	
121102	Other <u>sex</u>	Other sex	
121103	Undetermined <u>sex (temporarily)</u>	<u>Temporarily Sex of subject</u> undetermined <u>sex</u> at time of <u>report encoding</u>	

Modify PS3.16 Annex E

DCM		121102	Other <u>sex</u>	Autre <u>sexe</u>
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