

DICOM Correction Item

Correction Number		CP-825
Log Summary: Mixed breed description		
Type of Modification	Name of Standard	
Clarification	PS 3.3, 3.16 2008	
Rationale for Correction		
No details of possible mechanisms intended to describe mixed breeds are described.		
Codes for generic mixed breeds exist and need to be added to CID 7480.		
Sections of documents affected		
PS 3.3 C.2.3 and C.7.1.1		
PS 3.16 Annex C		
Correction Wording:		

PS 3.3: Add change attributes in C.2.3 that describe mixed breeds:

C.2.3 Patient Demographic Module

...

**Table C.2-3
PATIENT DEMOGRAPHIC MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
...		
Patient Breed Description	(0010,2292)	The breed of the patient. <u>See C.7.1.1.1.1.</u>
Patient Breed Code Sequence	(0010,2293)	The breed of the patient. <u>See C.7.1.1.1.1.</u>
<i>>Include 'Code Sequence Macro' Table 8.8-2</i>		<i>Defined Context ID is 7480.</i>
Breed Registration Sequence	(0010,2294)	Information identifying an animal within a breed registry.
>Breed Registration Number	(0010,2295)	Identification number of a veterinary patient within the registry.
>Breed Registry Code Sequence	(0010,2296)	Identification of the organization with which an animal is registered.
<i>>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>Defined Context ID is 7481.</i>

PS 3.3: Add sub-section C.7.1.1 to describe mixed breeds:

C.7.1.1 Patient Module

...

**Table C.7-1
PATIENT MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...
Patient Breed Description	(0010,2292)	2C	The breed of the patient. See C.7.1.1.1.1. Required if the patient is an animal and if Patient Breed Code Sequence (0010,2293) is empty. May be present otherwise.
Patient Breed Code Sequence	(0010,2293)	2C	The breed of the patient. See C.7.1.1.1.1. Zero or more Items shall be present. Required if the patient is an animal.
<i>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>Defined Context ID is 7480.</i>	
Breed Registration Sequence	(0010,2294)	2C	Information identifying an animal within a breed registry. Zero or more Items shall be present. Required if the patient is an animal.
>Breed Registration Number	(0010,2295)	1	Identification number of an animal within the registry.
>Breed Registry Code Sequence	(0010,2296)	1	Identification of the organization with which an animal is registered. One Item shall be present.
<i>>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>Defined Context ID is 7481.</i>	
...

C.7.1.1.1 Patient Module Attributes

C.7.1.1.1.1 Patient Breed Description and Code Sequence

The breed of an animal, if known, shall be encoded in either Patient Breed Description (0010,2292) or Patient Breed Code Sequence (0010,2293) or both.

In the case of a mixed breed, it shall be either:

1. described in plain text in Patient Breed Description (0010,2292), e.g., "Border Collie American Bulldog mix", or just "Mixed", or
2. coded as multiple specific breeds by composing the mix as multiple items of Patient Breed Code Sequence (0010,2293), e.g., (L-809A2,SRT,"Border Collie dog breed") followed by (L-80974,SRT, "American Bulldog breed"), or
3. encoded non-specifically with a code that means "mixed breed" of the appropriate species, as defined in CID 7482, which is included in CID 7480, e.g., (L-809DF,SRT,"Mixed breed dog").

Note: The absence of a value for both Patient Breed Description (0010,2292) and Patient Breed Code Sequence (0010,2293) implies that the breed is unknown, not that it is mixed.

PS 3.16: Add context group CID 7482 for mixed breeds and include it in CID 7480

CID 7480 Breed

**Context ID 7480
Breed**

Type: Extensible Version: ~~20060822~~20080324

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
<i>Include CID 7486</i>		
SRT	L-80139	Hereford cattle superbreed
SRT	L-8C338	Merino sheep superbreed
...

...

CID 7486 Mixed Breeds

**Context ID 7486
Mixed Breeds**

Type: Extensible Version: 20080324

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
<u>SRT</u>	<u>L-80A74</u>	<u>Mixed breed cat</u>
<u>SRT</u>	<u>L-80217</u>	<u>Mixed breed goat</u>
<u>SRT</u>	<u>L-809DF</u>	<u>Mixed breed dog</u>
<u>SRT</u>	<u>L-8A10F</u>	<u>Mixed breed horse</u>
<u>SRT</u>	<u>L-8C33A</u>	<u>Mixed breed sheep</u>
<u>SRT</u>	<u>L-93791</u>	<u>Mixed breed chicken</u>
<u>SRT</u>	<u>L-8B947</u>	<u>Mixed breed cattle</u>
<u>SRT</u>	<u>L-8B103</u>	<u>Mixed breed pig</u>

Add the following UIDs to Part 6 Annex A:

**Table A-3
CONTEXT GROUP UID VALUES**

Context UID	Context Identifier	Context Group Name
1.2.840.10008.6.1.823	7486	Mixed Breeds