

DICOM Correction Item

Correction Number CP-782	
Log Summary: Add Device as Observation Subject	
Type of Modification Modification	Name of Standard PS 3.16
<p>Rationale for Correction:</p> <p>Within SR documents, we may need to make observations about devices, such as an implanted cardiac defibrillator, or specific implanted leads. In making such observations, we need to set the Observation Context to be the device as a subject, so that observations/measurements under that reset context are known to apply to the particular device.</p> <p>This construct is intended, for instance, to report observations about battery status or lead impedance for an implanted cardiac device.</p>	
<p>Sections of documents affected</p> <p>PS 3.16 Annex C CID 271</p>	
Correction Wording:	

TID 1006 Subject Context

This template contains identifying (and optionally descriptive) attributes of the subject of the **interpretation observation**.

Subject context identifies (and optionally) describes the subject of the **interpretation observation**, whether it be a patient (human or animal), a fetus (human or animal), ~~or~~ a specimen, or a device.

TID 1006 SUBJECT CONTEXT Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (121024, DCM, "Subject Class")	1	MC	IF subject is not the Patient	DCID (271) Observation Subject Class Defaults to (121025, DCM, "Patient")
2			INCLUDE	DTID (1007) Subject Context, Patient	1	UC	IFF Row 1 value = (121025,DCM, "Patient") or Row 1 is absent	May be used for human or animal patients
3			INCLUDE	DTID (1008) Subject Context, Fetus	1	UC	IFF Row 1 value = (121026, DCM, "Fetus")	May be used for human or animal fetuses
4			INCLUDE	DTID (1009) Subject Context, Specimen	1	UC	IFF Row 1 value = (121027, DCM, "Specimen")	
5			INCLUDE	<u>DTID (1010) Subject Context, Device</u>	1	UC	<u>IFF Row 1 value = (121192, DCM, "Device Subject")</u>	

TID 1010 Subject Context, Device

Identifies (and optionally describes) a device that is the subject of observations.

TID 1010
SUBJECT CONTEXT, DEVICE
Type: Extensible

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		TEXT	EV (121193,DCM, "Device Subject Name")	1	M		
2		UIDREF	EV (121198,DCM, "Device Subject UID")	1	U		
3		TEXT	EV (121194,DCM, "Device Subject Manufacturer")	1	U		
4		TEXT	EV (121195,DCM, "Device Subject Model Name")	1	U		
5		TEXT	EV (121196,DCM, "Device Subject Serial Number")	1	U		
6		TEXT	EV (121197,DCM, "Device Subject Physical Location during observation")	1	U		

CID 271 Observation Subject Class

Context ID 271
Observation Subject Class

Type: Non-Extensible Version: 20040920

Coding Scheme Designator	Code Value	Code Meaning
DCM	121025	Patient
DCM	121026	Fetus
DCM	121027	Specimen
<u>DCM</u>	<u>121192</u>	<u>Device Subject</u>

Annex D DICOM Controlled Terminology Definitions (Normative)

<u>121192</u>	<u>Device Subject</u>	<u>A device is the subject of observations</u>	
<u>121193</u>	<u>Device Subject Name</u>	<u>Name or other identifier of a device that is the subject of observations</u>	
<u>121194</u>	<u>Device Subject Manufacturer</u>	<u>Manufacturer of a device that is the subject of observations</u>	
<u>121195</u>	<u>Device Subject Model Name</u>	<u>Model Name of a device that is the subject of observations</u>	
<u>121196</u>	<u>Device Subject Serial Number</u>	<u>Serial Number of a device that is the subject of observations</u>	

<u>121197</u>	<u>Device Subject Physical Location during observation</u>	<u>Physical Location of a device that is the subject of observations during those observations</u>	
<u>121198</u>	<u>Device Subject UID</u>	<u>Unique Identifier of a device that is the subject of observations</u>	