IHE Change Proposal

Tracking information:

IHE Domain	Patient Care Devices
Change Proposal ID:	CP-PCD-070-0
Change Proposal Status:	Submitted
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Person assigned:	John Rhoads

Change Proposal Summary information:

Clarification for OBX segments with CWE data types	
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Integration Profile(s) affected:	Implantable Device – Cardiac – Observation
Actor(s) affected:	None
IHE Technical Framework or Supplement modified:	IHE Patient Care Device (PCD) Technical Framework; Volume 2; Revision 1.0; August 12, 2011
Volume(s) and Section(s) affected:	Volume 2 (PCD TF-2); Section 3.9.4.1.2.5
Rationale for Change: 1. There was confusion on what values should be contained in the OBX-5 fields when the Value Type (OBX-2) is Coded With Exceptions (CWE). The Change Proposal clarifies the intended use of this field.	

Proposed Changes:

Replace the text defining the use of OBX-3 with the following:

OBX-3.1 Observation Identifier, Identifier shall be *<Code>* [numeric] as defined in Annex C.3 'Expanded Terms' of IEEE 11073-10103 (see 3.9.3 Referenced Standards).

OBX-3.2 Observation Identifier, shall be *<Reference ID>* as defined in Annex C.3 'Expanded Terms' in IEEE 11073-10103 (see 3.9.3 Referenced Standards)

OBX-3.3 Observation Identifier, Name of Coding System shall be MDC to reference the group of medical device communication standards (IEEE 11073-xxxxx)

Replace the text defining the use of OBX-5 with the following:

OBX-5 Observation Value – This is the actual value of the observation.

If OBX-2 is of type CWE then

OBX-5.1 shall be *<Code>* [numeric] as defined in Annex D.3 'enumerations' or Annex E.3 'vendor enumerations' of IEEE 11073-10103 (see 3.9.3 Referenced Standards) .

OBX-5.2 shall be *<Enumerator Identifier>_<EnumerationCode [mnemonic]>* as defined in Annex D.3 'enumerations' or Annex E.3 'vendor enumerations' in IEEE 11073-10103 (see 3.9.3 Referenced Standards)

OBX-5.3 shall be MDC to reference the group of medical device communication standards (IEEE 11073-xxxxx)

OBX-5.9 can contain the according *Display Name* as defined in Annex D.3 'enumerations' or Annex E.3 'vendor enumerations' of IEEE 11073-10103 (see 3.9.3 Referenced Standard) or an equivalent (maybe more compact) localized display name. If the vendor has implemented vendor-specific extensions (per IEEE 11073-10103 Sections 8 and A.4) than OBX-5.9 is required. This display name should only be used by the receiving system as a reference or if the Identifier in OBX-5.1 is unknown to the receiver (e.g. for proprietary vendor content). Generation and localization of display names in the receiving system shall always be preferred.

OBX-5 Observation Value – This is the actual value of the observation.

If OBX-2 is of type CWE then

OBX-5.1 shall be an *enumeration code [mnemonic]* as defined in Annex D.3 'enumerations' or Annex E.3 'vendor enumerations' of IEEE 11073-10103 version 1.05.02 (10/04/2011) and OBX-5.2 can contain the according *display name* as defined in Annex D.3 'enumerations' or Annex E.3 'vendor enumerations' of IEEE 11073-10103 version 1.05.02 (10/04/2011) or an equivalent display name in another language.