IHE Change Proposal

Tracking information:

IHE Domain	Patient Care Devices
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Person assigned:	John Rhoads

Change Proposal Summary information:

RXR Segment Changes in PCD-03	
Submitter's Name(s) and e-mail address(es):	Al Engelbert (al@ProtoLink.com)
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Integration Profile(s) affected:	PCD PIV
Actor(s) affected:	IOP and IOC
IHE Technical Framework or Supplement modified:	PCD Technical Framework Volume 2, Revision X.X, published October 16, 2010
Volume(s) and Section(s) affected:	Volume 2, Section 3.3.4.4.7

Rationale for Change:

This CP addresses the following issues with the RXR segment:

1. Because the 'Usage' and 'Cardinality' attributes of RXR-3 (Administration Device) in the PIV Supplement were inconsistent, this field was mistakenly identified as required in the Final Text, and should be changed to 'RE', with the cardinality changed appropriately.

2. The RXR-4 (Adminstration Method) field is currently only required when the order is for an IV piggyback or secondary infusion. This change proposal makes the field always required, and defines the value to be used when the order is for a primary infusion.

3. There are three fields in the RXR segment which an IOP must populate from among a fixed set of values. In each case, the data type for the field is CWE. The values cited in the Technical Framework for these fields are not formatted as CWE; this change proposal corrects the format for those values.

4. This change proposal explicitly identifies values that must be added to the user-defined tables associated with RXR-3 (Administration Device) and RXR-4 (Administration Method).

Proposed Changes:

Modify the 'Usage' and 'Card.' column values for the RXR segment in Table 3.3.4.4.7-1 as follows (changes are in bold):

Table 3.3.4.4.7-1 HL7 Attribute Table – RXR – Pharmacy/Treatment Route

SEQ	LEN	DT	Usage	Card.	TBL#	ITEM #	ELEMENT NAME
1	250	CWE	R	[1..1]	0162	00309	Route

SEQ	LEN	DT	Usage	Card.	TBL#	ITEM #	ELEMENT NAME
2	250	CWE	RE	[0..1]	0550	00310	Administration Site
3	250	CWE	~~R~~RE	[~~1~~0..1]	0164	00311	Administration Device
4	250	CWE	R~~E~~R	[~~0~~1..1]	0165	00312	Administration Method
5	250	CWE	RE	[0..1]		01315	Routing Instruction
6	250	CWE	RE	[0..1]	0495	01670	Administration Site Modifier

Modify the description of the definition of the 'RXR-1 Route' field in Section 3.3.4.4.7 as follows (changes are in bold):

Definition: This field is the route of administration. The PCD TF requires that this field be valued as ~~IV~~ **^IV^HL70162**.

Modify the description of the definition of the 'RXR-3 Administration Device' field in Section 3.3.4.4.7 as follows (changes are in bold):

Definition: ~~Definition:~~ This field contains the type of pump used to administer the drug, if known by the BCMA system. The PCD TF requires that this field be valued as ~~IVP~~ **^IVP^HL70164** for general infusion devices or ~~SYR~~ **^SYR^HL70164** for syringe pump devices, if the type of pump is known.

The following entry should be added to user-defined table #0164:

Value	Description
SYR	**Syringe Pump**

Modify the description of the definition of the 'RXR-4 Administration Method' field in Section 3.3.4.4.7 as follows (changes are in bold):

Definition: This field identifies whether the infusion is to be administered as **a primary infusion or as** an IV piggyback or secondary infusion. ~~When this is the case, the TF requires that this field be valued as IVPB.~~ **The TF requires that this field be valued as ^IV^HL70165 for a primary infusion or ^IVPB^HL70165 for an IV piggyback or secondary infusion.**

The following entry should be added to user-defined table #0165:

Value	Description
IV	**IV Primary**