

# IHE Change Proposal

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## Tracking information:

IHE Domain	Patient Care Devices
Change Proposal ID:	CP-PCD-053
Change Proposal Status:	Ballot
Date of last update:	04/26/2011
Person assigned:	John Rhoads

## Change Proposal Summary information:

PIV Open Issues section	
Submitter's Name(s) and e-mail address(es):	Jeff Rinda (jeff.rinda@hospira.com)
Submission Date:	04/26/2011
Integration Profile(s) affected:	Point-of-Care Infusion Verification (PIV)
Actor(s) affected:	None
IHE Technical Framework or Supplement modified:	Technical Framework version 1.2 (9/30/2010)
Volume(s) and Section(s) affected:	Vol 1 – PIV section Vol 2 – Section 3.3.4.1; also update reference to PIV application error table if possible PIV Application Error table (standalone document)
Rationale for Change: <ol style="list-style-type: none"> <li>Added a new application error message for care area or profile mismatch; also add a more specific reference in the TF vol 2 (B.3 ERR segment; ERR-5 section) about where the application error table can be found on the IHE site (since this table is not included in the TF).</li> <li>Added a Limitations section to Vol 1 including an explanation for how the PIV profile can support rate changes or titrations.</li> <li>Added a statement to Vol. 2 about the use of information in the PCD-03 transaction.</li> </ol>	

*Add the following row to the PIV application error table (Table 0533 Application Error Code. Insert a reference in Vol 2 about the existence and location of this table (since it is not part of the TF).*

<b>9021</b>	Care area or profile mismatch	Care area or profile not cleared on pump; or pump is set to a different care area
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<same as the Log Summary field below>

*The following is a revision of text that was formerly contained in the Open Issues section of the PIV supplement. This text should be incorporated into TF Vol 1 as a “Limitations” section.*

### **Limitations**

1. **The principal use case involves starting a new infusion or container.** Titrations or rate changes on a previously programmed infusion are supported if one of the following applies:
  - a) The Infusion Order Programmer is able to provide the amount of the volume currently present in the bag in the PCD-03 transaction (rather than the ordered volume)
  - b) The BCMA application provides an acceptable workflow for the clinician to adjust the volume to be infused directly on the pump from the amount ordered to the amount currently present in the bag
  - c) The Infusion Order Consumer is able to interpret the PCD-03 transaction as a rate change without explicit identification as such (since there is no element in the transaction that refers to whether it is for a new bag vs. a rate change).
2. Patient-controlled analgesia (PCA) infusion devices are not supported.
3. The following therapies, modes, and methods of operation are not supported:
  - a) Bolus, loading dose, multi-step, periodically repeating or ramp/taper therapies
  - b) Delayed start mode
  - c) Programming concurrent or sequenced infusions on more than one pump channel using a single transaction
4. PIV can be used to support administration of medications from a syringe and/or using a syringe pump device if the Infusion Order Consumer does not require the syringe size to be specified.

*Add the following change to TF Vol 2 in Section 3.3.4.1*

### **PCD-03 Communicate Infusion Order (RGV^O15^RGV\_O15) static definition**

The PCD-03 Communicate Infusion Order message is used to communicate infusion data from an Infusion Order Programmer (IOP) to an Infusion Order Consumer (IOC).

**Since the IOC is typically a gateway rather than an infusion pump, all of the information specified in the PCD-03 Communicate Infusion Order transaction is not necessarily provided to or used to program the device.**