CP-PCD-085-02

<same as the Log Summary field below>

IHE Change Proposal

Tracking information:

IHE Domain	Patient Care Devices
Change Proposal ID:	CP-PCD-085
Change Proposal Status:	Submitted
Date of last update:	2012.06.14
Person assigned:	Todd Cooper

Change Proposal Summary information:

IPEC Updates	
Submitter's Name(s) and e-mail address(es):	Todd Cooper <ToddCooperAFC@gmail.com>
Submission Date:	2012.06.12
Integration Profile(s) affected:	IPEC
Actor(s) affected:	DOC, DOR
IHE Technical Framework or Supplement modified:	IPEC Supplement, 2011.08.12
Volume(s) and Section(s) affected:	Volume 1, Appendix Infusion Pump Events

Rationale for Change:

A number of updates have been identified for the IPEC profile since it was last published:

1. Add an Editor's Note box to the beginning of te document indicating that the infusion pump content is being migrated to the device specialization profiles and that this profile will be morphed into an Event Communication (EC) profile at some point.
2. Online/offline behavior – expected behaviour for a DOR is to buffer events that occur while the system is offline, and then upload them when it returns back on-line.
3. Add new events (e.g., Clear Volume Counters)
4. Misc. edits based on decisions made during infusion pump working group discussions.
5. Change MDC_PUMP to MDC_EVT_PUMP for all defined events.

*Add the following section **BEFORE** Introduction:*

EDITORS NOTE: *With the specification of Device Specialization – Infusion Pump profiles, it is anticipated that the pump-specific content of this IPEC profile will be migrated to these infusion pump content specifications. As a result, in a future cycle, this profile shall be generalized to Event Communication (EC) and will provide a general capability – using the defined PCD-10 transaction – to support all device EC.*

Change the following Table X.1.2.1-4 Clinical Scenarios:

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<same as the Log Summary field below>
(Table Column Heading) ~~**Required**~~ Parameters

Add the following to the end of 3.Y.4.1:

Event messages are generated by the infusion pump or Gateway during normal execution of an infusion therapy. Example of such events are start of infusion delivery, rate change or transition from piggyback to primary or transition to KVO. This information is sent from a DOR to a DOC.

Note that while a system is off-line, all events should be buffered and then communicated when communication is established again. Event time stamps should indicate when the event occurred, not when it was communicated.

Insert the following in Table X.1.2-1:

Event	MDC Code	Required by Profile	Containment Level
Delivery Start	MDCX_**EVT_**PUMP_DELIV_START	Yes	Delivery Channel*
Delivery Stop	MDCX_ **EVT_**PUMP_DELIV_STOP	Yes	Delivery Channel*
Delivery Complete	MDCX_ **EVT_**PUMP_DELIV_COMP	Yes	Delivery Channel*
Communication Status Change	MDCX_ **EVT_~~PUMP~~**_COMM_STATUS_CHANGE	No	TBD
Program Cleared	MDCX_ **EVT_**PUMP_PROG_CLEARED	No	TBD
Auto-Program Cleared	MDCX_ **EVT_**PUMP_AUTO_PROG_CLEARED	No	TBD
Patient Change	**MDCX_ EVT_PATIENT_CHANGE**	**No**	**MDS**
Patient ID Change	MDCX_ **EVT_~~PUMP~~_PATIENT**_ID_CHANGE	No	TBD
Patient Weight Change	MDCX_ **EVT_~~PUMP~~_PATIENT**_WEIGHT_CHANGE	No	TBD
Volume Counters Cleared	**MDCX_ EVT_PUMP_VOL_COUNTERS_CLEARED**	**No**	**TBD**

Replace the following in the Supplement:

Per the changes in Table X-1.2-1 above, replace all instances of MDCX_PUMP_ events with MDCX_EVT_PUMP_ throughout the document.