

<same as the Log Summary field below>

IHE Change Proposal

Tracking information:

IHE Domain	Patient Care Devices
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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: <ol style="list-style-type: none"> 1. Add an Editor's Note box to the beginning of the 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. 	

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:

(Table Column Heading) **Required** Parameters

<same as the Log Summary field below>

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_PUMP_DELIV_START	Yes	Delivery Channel*
Delivery Stop	MDCX_PUMP_DELIV_STOP	Yes	Delivery Channel*
Delivery Complete	MDCX_PUMP_DELIV_COMP	Yes	Delivery Channel*
Communication Status Change	MDCX_PUMP_COMM_STATUS_CHANGE	No	TBD
Program Cleared	MDCX_PUMP_PROG_CLEARED	No	TBD
Auto-Program Cleared	MDCX_PUMP_AUTO_PROG_CLEARED	No	TBD
Patient Change	MDCX_PATIENT_CHANGE	No	MDS
Patient ID Change	MDCX_PUMP_PAT_ID_CHANGE	No	TBD
Patient Weight Change	MDCX_PUMP_PAT_WEIGHT_CHANGE	No	TBD
Volume Counters Cleared	MDCX_PUMP_VOL_COUNTERS_CLEARED	No	TBD