

Hot Fixes

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CeRx Release Notes V01R04.3 Hot Fix 1 - Nov. 4, 2007

Release Purpose

This document describes the content of this CeRx V01R04.3 Hot Fix 1 update and includes all applicable business and technical artifacts.

Release Change Synopsis

This release incorporates the following changes:

- Correct the Act Uncertainty vocabulary domain in the Vocabulary Status Spreadsheet
- Updating the NULL flavor data type in the CeRx Data Type document
- Updates to the Scope & Tracking Framework (STF) to:
 - Align name between the STF and the word view/ xsd
 - Updates to the Interactions Tab to:
 - Update the 'Trigger Tab' to reflect the correct vocabulary domains MedicationOrderAbortReasonCode and MedicationOrderReleaseReasonCode
 - Added several interactions into the Role Interaction Tab
 - Changed the MT payload for a number of interactions to use the Detected Issue CMET instead of the Reported Issue CMET
 - Updated a Data type in Patient medical conditions query response
 - Updated a transport wrapper for Patient note query
 - Changed Activate device prescription notification to Out-of-Scope for CA
 - Changes to resume and abort prescription to support futureEffectiveTime
 - Changes to suspend to support futureEffectiveTime and endEffectiveTime
- Changes to multiple message types to correct errors reported through forum postings

Downloadable Artifacts

Filename	Description
<ul style="list-style-type: none">• CeRx_-_EN_-_Release_Notes_V01R04.3_HOTFIX__1_20071104.doc	Release Notes
<ul style="list-style-type: none">• PN502-PM99-EN_-_Scope_&_Tracking_Framework_V01R04.3_HOTFIX_1_20071104.zip	Scope and Tracking Framework
<ul style="list-style-type: none">• PN502-2003-EN_-_Excel_View_V01R04.3_HOTFIX_1_20071104.zip	Excel View
<ul style="list-style-type: none">• PN502-2003-EN_-_MIF_View_V01R04.3_HOTFIX_1_20071104.zip	MIF
<ul style="list-style-type: none">• PN502-2003-EN_-_Table_View_V01R04.3_HOTFIX_1_20071104.zip	Table View
<ul style="list-style-type: none">• PN502-2003-EN_-_Visio_View_V01R04.3_HOTFIX_1_20071104.zip	Visio Model
<ul style="list-style-type: none">• PN502-2003-EN_-_Word_View_V01R04.3_HOTFIX_1_20071104.zip	Word View
<ul style="list-style-type: none">• PN502-2003-EN_-_XML_Schemas_(with_MIF_data)_V01R04.3_HOTFIX_1_20071104.zip	XML Schema

<ul style="list-style-type: none"> • PN502-3002-EN_-_Data_Types_20071025.pdf • PN502-3002-EN_-_Data_Types_20071025_(with_revisions).pdf 	Data Type Specification
<ul style="list-style-type: none"> • PN502-3004-EN_-_Vocabulary_Status_V01R04.3_20071104.xls 	Vocabulary

CeRx Release Notes V01R04.3 Hot Fix 2 - Feb. 3, 2008

Release Purpose

This document describes the content of this CeRx V01R04.3 Hot Fix 2 update and includes all applicable business and technical artifacts.

Release Change Synopsis

This release incorporates the following changes:

- Updates to the Vocabulary Status Spreadsheet
 - Added codes from x_HeightOrWeightObservationUnitsOfMeasure to the codes in x_BasicUnitsOfMeasure.
 - Modified codes in x_ActObservationHeightOrWeight for "body weight - stated" and "body height - stated".
 - Modified codes in ObservationIssueTriggerMeasuredObservationType for "body weight - stated", "body height - stated" and replaced with the code for glucose with – "14743-9 glucometer Glucose level on capillary blood".
- Updates to IG V01R04.3 Volume 3 - Shared Messages to clarify keyword management
- Updates to the CeRx Data Type document
 - Modified the description for 8.4 TEL.PHONEMAIL, "Pager (only for use with Telephone)"
 - Added clarification on the use of NULL in IVL<TS.FULLDATE
 - Amended the example for GTS.BOUNDEDPIVL
 - Added new data types TS.DATETIME and to the CeRx Data Type Specification.
- Updates to the Scope & Tracking Framework (STF) to:
- Updates to the Interactions Tab to:
 - Remove an erroneous payload from three interactions
 - Changed the Trigger Event (ControlAct) Wrapper on two interaction one which does not require a payload
 - Updated all six Trigger Event (Control Act) wrappers to use CWE for the ControlActReason
- Changes to multiple message types to correct errors reported through forum postings

Downloadable Artifacts

Filename	Description
<ul style="list-style-type: none"> • CeRx_-_EN_-_Release_Notes_V01R04.3_HOTFIX_2_20080203.doc 	Release Notes
<ul style="list-style-type: none"> • PN502-PM99-EN_-_Scope_&_Tracking_Framework_V01R04.3_HOTFIX_2_20080203.zip 	Scope and Tracking framework
<ul style="list-style-type: none"> • SC-CA-0006-EN_-_Implementation_Guide_Volume_3_-_Shared_Interactions_-_V01R04.3_Hot_Fix_2_-_20080201.zip • SC-CA-0006-EN_-_Implementation_Guide_Volume_3_-_Shared_Interactions_-_V01R04.3_Hot_Fix_2_-_20080201_with_revisions.zip 	Implementation Guide Volume 3 - Shared Interactions
<ul style="list-style-type: none"> • PN502-2003-EN_-_Excel_View_V01R04.3_HOTFIX_2_20080203.zip 	Excel View
<ul style="list-style-type: none"> • PN502-2003-EN_-_MIF_View_V01R04.3_HOTFIX_2_20080203.zip 	MIF

<ul style="list-style-type: none"> • PN502-2003-EN_-_Table_View_V01R04.3_HOTFIX_2_200800203.zip 	Table View
<ul style="list-style-type: none"> • PN502-2003-EN_-_Visio_View_V01R04.3_HOTFIX_2_20080203.zip 	Visio Model
<ul style="list-style-type: none"> • PN502-2003-EN_-_Word_View_V01R04.3_HOTFIX_2_20080203.zip 	Word View
<ul style="list-style-type: none"> • PN502-2003-EN_-_XML_Schemas_(with_MIF_data)_V01R04.3_HOTFIX_2_200800203.zip 	XML Schema
<ul style="list-style-type: none"> • PN502-3002-EN_-_Data_Types_-_20080203.pdf • PN502-3002-EN_-_Data_Types_-_20080203_with_revisions.pdf 	Data Type Specification
<ul style="list-style-type: none"> • PN502-3004-EN_-_Vocabulary_Status_V01R04.3_20080302.zip 	Vocabulary

CeRx Release Notes V01R04.3 Hot Fix 3 - Aug. 14, 2008

Release Purpose

This document describes the content of this CeRx V01R04.3 Hot Fix 3 update and includes all applicable business and technical artifacts.

Release Change Synopsis

This Hot Fix release incorporates changes in the following artifacts.

- Updates to the Scope & Tracking Framework (STF)
- Updates to IG V01R04.3 Volume 1 - Pharmacy - V01R04.3 - 20070712
- Changes to multiple message models to correct errors reported through forum postings
- Updates to the Schemas to reflect the changes in the message models
- Updates to the CeRx Data Type document
- Updates to the Vocabulary Status Spreadsheet

Publication Artifact Changes

Business Artifacts

Artifact / Group	Filename(s)	Artifact	Changes / Notes to Readers
Scope and Tracking Framework document	<ul style="list-style-type: none"> • PN502-PM99-EN - Scope & Package Tracking Framework – V01R04.3 Hot Fix 3 - 20080814.zip 	<ul style="list-style-type: none"> • Transaction C01.04 - Get Patient Prescriptions, Never Dispensed - 	<ul style="list-style-type: none"> • The short description in the STF was changed to align with the description that is in the implementation guide.
		<ul style="list-style-type: none"> • PORX_IN020220CA - Record supply event (ward stock) request accept 	<ul style="list-style-type: none"> • The transport wrapper was changed to MCCI_MT000300CA (Application Ack Transport Wrapper).
			<ul style="list-style-type: none"> • The control act wrapper was changed to MCAI_MT700222CA (Trigger Event Response from DIS).

			<ul style="list-style-type: none"> The payload was removed i.e. changed to <NONE>
		<ul style="list-style-type: none"> PORX_IN020230CA - Record supply event (ward stock) request refused 	<ul style="list-style-type: none"> The transport wrapper was changed to MCCI_MT000300CA (Application Ack Transport Wrapper)
		<ul style="list-style-type: none"> PORX_IN060020CA - Device prescr. with hist. and disp. query resp. 	<ul style="list-style-type: none"> The payload in the interaction tab was changed from PORX_MT060010CA - Device Dispense Detail to PORX_MT060040CA - Device Prescription Detail.
		<ul style="list-style-type: none"> PORX_TE020280UV - Request to record dispense reversal 	<ul style="list-style-type: none"> The Trigger Event Reason Domain was changed from <None> to 'PharmacySupplyEventAbortReasonCode'.
		<ul style="list-style-type: none"> PORX_TE020090UV - Dispense reversed 	<ul style="list-style-type: none"> The Trigger Event Reason Domain was change from 'PharmacySupplyEventAbortReasonCode' to <None>.
Implementation Guide	<ul style="list-style-type: none"> SC-CA-0006-EN Implementation Guide Volume 1 – Pharmacy – V01R04.3 – 20080814.pdf 	<ul style="list-style-type: none"> Section C01.05 - Get Patient Prescriptions with Remaining Dispenses 	<ul style="list-style-type: none"> The description in the implementation guide was changed to use what is in the CeRx query summary spreadsheet.
		<ul style="list-style-type: none"> Section 8.3.7 - Prescription Status Change Scenarios Discussion 	<ul style="list-style-type: none"> Additional guidance was added to the IG with respect to the 'Obsolete' Status through the addition of a new scenario to Prescription Status Change Scenarios Discussion (Scenario #10).
		<ul style="list-style-type: none"> Whole Guide 	<ul style="list-style-type: none"> The Pharmacy Implementation Guide was scanned for references to a status of 'Complete' and those found were changed to 'Completed'.
		<ul style="list-style-type: none"> Whole Guide 	<ul style="list-style-type: none"> The Pharmacy Implementation Guide was scanned for references to a status of 'Superceded' and those found were changed to 'Obsolete'.

Technical Artifacts

Artifact / Group	Filename(s)	Artifact	Changes / Notes to Readers
Message Models	<ul style="list-style-type: none"> PN502-2003-EN – Table View - V01R04.3 Hot Fix 3 - 20080814.zip PN502-2003-EN – Excel View - V01R04.3 Hot Fix 3 - 20080814.zip PN502-2003-EN – Word View - V01R04.3 Hot Fix 3 - 20080814.zip PN502-2003-EN – MIF View - V01R04.3 Hot Fix 3 - 20080814.zip PN502-2003-EN – Visio View - V01R04.3 Hot Fix 3 - 20080814.zip 	<ul style="list-style-type: none"> COCT_MT141007CA - Device Minimal 	<ul style="list-style-type: none"> Added the maximum integer length of 'Device Package Quantity' in Content to 5.
		<ul style="list-style-type: none"> COCT_MT220100CA - Orderable Medication 	<ul style="list-style-type: none"> The number of supported repetitions of the 'Drug Ingredients' attribute was increased from 10 to 50.
		<ul style="list-style-type: none"> COCT_MT220110CA - Orderable Medication response 	<ul style="list-style-type: none"> The number of supported repetitions of the 'Drug Ingredients' attribute was increased from 10 to 50.
		<ul style="list-style-type: none"> COCT_MT220200CA - Administrable Medication 	<ul style="list-style-type: none"> The number of supported repetitions of the 'Drug Ingredients' attribute was increased from 10 to 50.
		<ul style="list-style-type: none"> COCT_MT220210CA - Administrable Medication response 	<ul style="list-style-type: none"> The number of supported repetitions of the 'Drug Ingredients' attribute was increased from 10 to 50.

<ul style="list-style-type: none"> • POIZ_MT030050 CA - Add Immunization 	<ul style="list-style-type: none"> • The 'Vaccine Dose Number' attribute was changed from 'Required' to 'Populated'. • The business name for the effective Time in NextPlannedImmunization was changed to 'Next Planned Dose Date'. • The business name for the effective time in NextImmunizationPlan was changed to 'Next Planned Series Repeat Date'. • The business name 'to be renewed on' was added to the Successor association • The business name for the Fulfillment association was changed from 'identifies' to 'next dose planned for'. • A description for the two classes NextPlannedImmunization and NextImmunizationPlan was added
<ul style="list-style-type: none"> • POIZ_MT030060 CA - Update Immunization 	<ul style="list-style-type: none"> • The Quantity Administered attribute was changed from 'Required' to 'Populated'. • The statusCode in next immunization plan was changed to CNE as this code is fixed to 'IMMUNIZ'. Also to be consistent throughout the model. • The business name for the effective time in NextImmunizationPlan was changed to 'Next Planned Series Repeat Date'. • The business name for the Successor association was changed from 'next dose planned for' to 'to be renewed on' • The business name for the Fulfillment association was changed from 'to be renewed on' to 'next dose planned for' • A description for the two classes NextPlannedImmunization and NextImmunizationPlan was added.
<ul style="list-style-type: none"> • POME_MT01010 OCA - Medication Lookup Response 	<ul style="list-style-type: none"> • The maximum repetitions for the ingredient was increased to 100.
<ul style="list-style-type: none"> • PORX_MT01011 OCA - Device Order 	<ul style="list-style-type: none"> • Added the maximum integer length of 'Fill Quantity' in SupplementalFillInformation to 5. • Added the maximum integer length of 'Total Prescribed Quantity' in SupplyRequest to 5.
<ul style="list-style-type: none"> • PORX_MT02006 OCA - Device Dispense 	<ul style="list-style-type: none"> • A new component relationship to a 'SupplyRequest' was added. The SupplyRequest contains a 'required' Total Prescribed Quantity and a 'required Total Days Supply, with a constraint that at least one of them must be present and not null. • Added the maximum integer length of 'Dispensed Quantity' in SupplyEvent to 5.
<ul style="list-style-type: none"> • PORX_MT03004 OCA - Drug Prescription Summary 	<ul style="list-style-type: none"> • The number of supported repetitions of 'Detected Issue' was increased from 5 to 50. • Added the maximum integer length of 'Fills Remaining' in SupplyEventFutureSummary to 3.
<ul style="list-style-type: none"> • PORX_MT04002 OCA - Update Other Medication 	<ul style="list-style-type: none"> • The Drug Active Period was changed from 'required' to 'populated'. • The 'Other Medication Masking Indicator' was added.
<ul style="list-style-type: none"> • PORX_MT06001 OCA - Device Dispense Detail 	<ul style="list-style-type: none"> • The 'changed by' Author under 'has history' was changed to Mandatory as opposed to the current Populated. • Changed the Change Timestamp on the 'changed by' association from Required to Mandatory. • Added the maximum integer length of 'Dispensed Quantity' in SupplyEvent to 5.
<ul style="list-style-type: none"> • PORX_MT06003 OCA - Device Dispense Summary Query 	<ul style="list-style-type: none"> • The 'Rx Dispenser Indicators' parameter was removed.
<ul style="list-style-type: none"> • PORX_MT06004 OCA - Device Prescription Detail 	<ul style="list-style-type: none"> • The number of supported repetitions of 'reported issues' was increased to 25 on the Device Dispense class. • The number of supported repetitions of 'annotations' was increased to 99 . • The number of supported repetitions of 'Detected Issue' was increased from 5 to 50. • The "supplyRequest" (includes dispense instructions) association was changed from Mandatory to Populated. • Added the maximum integer length of 'Dispensed Quantity' in SupplyEvent to 5. • Added the maximum integer length of 'Fill Quantity' in SupplementalFillInformation to 5. • Added the maximum integer length of 'Fills Remaining' in SupplyEventFutureSummary to 2. • Added the maximum integer length of 'First Quantity Dispensed' in SupplyEventFirstSummary to 5. • Added the maximum integer length of 'Last Quantity Dispensed' in SupplyEventLastSummary to 5. • Added the maximum integer length of 'Remaining Total Quantity' in SupplyEventFutureSummary to 5. • Added the maximum integer length of 'Total Prescribed Quantity' in SupplyRequest to 5. • Added the maximum integer length of 'Total Supplied Amount' in SupplyEventPastSummary to 5.

		<ul style="list-style-type: none"> PORX_MT06006 OCA - Device Prescription Summary 	<ul style="list-style-type: none"> The existing element 'substitutionConditionCode' in the 'location' association of the 'Dispense Instruction' (SupplyRequest) was removed. The time element was added in the 'location' association of the 'Dispense Instruction' (SupplyRequest) so that it matches the original order. The number of supported repetitions of 'Detected Issue' was increased from 5 to 50. Added the 'refused at' association to RefusalToFill. Added the maximum integer length of 'Fills Remaining' in SupplyEventFutureSummary to 2. Added the maximum integer length of 'First Quantity Dispensed' in SupplyEventFirstSummary to 5. Added the maximum integer length of 'Last Quantity Dispensed' in SupplyEventLastSummary to 5. Added the maximum integer length of 'Remaining Total Quantity' in SupplyEventFutureSummary to 5. Added the maximum integer length of 'Total Prescribed Quantity' in SupplyRequest to 5. Added the maximum integer length of 'Total Supplied Amount' in SupplyEventPastSummary to 5.
		<ul style="list-style-type: none"> PORX_MT06016 OCA - Medication Profile Detail 	<ul style="list-style-type: none"> The Derived From Source Dispense class (PORX_MT06016OCA.SourceDispense) was changed to have the statusCode element with a fixed value of 'completed', similar to PORX_MT06019OCA (Medication Profile Summary). The number of supported repetitions of 'Detected Issue' was increased from 5 to 50. Added the maximum integer length of 'Fills Remaining' in SupplyEventFutureSummary to 3.
		<ul style="list-style-type: none"> PORX_MT06019 OCA - Medication profile summary 	<ul style="list-style-type: none"> Added the 'refused at' association to RefusalToFill. Added the maximum integer length of 'Fills Remaining' in SupplyEventFutureSummary to 3. Changed the refusal to fill detected issues maximum allowed repetitions from 5 to 50.
		<ul style="list-style-type: none"> PORX_MT06024 OCA – Unfilled Prescription Summary Query 	<ul style="list-style-type: none"> The code in the Rx Dispense Indicator description was changed from 'ND' to 'N' to be consistent with the vocabulary spreadsheet.
		<ul style="list-style-type: none"> PORX_MT06034 OCA - Drug Prescription Detail 	<ul style="list-style-type: none"> The Trial Supply Permission class (PORX_MT06034OCA.TrialSupplyPermission) contains the element 'code' with fixed value 'TF'. The data type was changed to a CV to align with the Rx Drug Order message (PORX_MT010120CA). The authorizes allowed substitution class (PORX_MT06034OCA.SubstitutionPermission) contains the element 'code' with fixed value 'G'. The data type was changed to CV to align with the Rx Drug Order message. Added the maximum integer length of 'Fills Remaining' in SupplyEventFutureSummary to 3.
		<ul style="list-style-type: none"> PORX_MT980040 - DosageInstruction 	The code domain for the approachSiteCode element was returned to 'HumanSubstanceAdministrationSite'.
		<ul style="list-style-type: none"> REPC_MT120001CA - Professional Service Query 	The add/update time specification ('ServicePeriod' parameter) was changed back to use IVL<TS.FULLDATE>.
		<ul style="list-style-type: none"> QUQL_MT12000 OCA - Trigger Event Wrapper for Query Responses 	<ul style="list-style-type: none"> The outstanding issue related to a visio 'bug' which caused the apparent change of the PORX_MT980030CA - Reported Issues CMET to PORX_MT980020 - Detected Issues CMET to not propagate through the generated artifacts (MIF) has been fixed. The MIF file now correctly references PORX_MT980020 - Detected Issues CMET. Changed the business name for the association to the detected issue from 'caused' to 'raises' to align with other response wrappers utilizing PORX_MT980020CA (e.g. MCAL_MT700220CA).
	Schemas	<ul style="list-style-type: none"> PN502-2003-EN - XML Schemas (with MIF data) - V01R04.3 Hot Fix 3 - 20080814.zip 	<ul style="list-style-type: none"> Aligned with CeRx V01R04.3 Message Models above. <p>Note: Zip file only contains updated artifacts for this hot fix update. Reviewers should replace and/or add these artifacts to the full V01R04.3 CeRx materials.</p>
	Data types	<ul style="list-style-type: none"> PN502-3002-EN - Data Types – 20080814.zip 	<ul style="list-style-type: none"> IVL<TS.DATETIME> <ul style="list-style-type: none"> The following typos were corrected in the CeRx Data Type document: <ul style="list-style-type: none"> In the IVL<TS.DATETIME> example, xsi:type=IVL_TS should read xsi:type="IVL_TS". In the TS.DATETIME example, the tag isn't closed (missing />). The 'width property' for IVL<TS.DATETIME> was changed to PQ.TIME which allows the full set of time units, including hours, minutes and seconds.
Vocabulary Status Spreadsheet	<ul style="list-style-type: none"> PN502-3004-EN - Vocabulary Status – V02R04.3 - 20080814.zip 	<ul style="list-style-type: none"> ActDetectedIssueManagementCode 	<ul style="list-style-type: none"> Since the 2nd 19 (augment current supply-on-hand) has not yet been finalized in the harmonization process, agree to change augment current supply-on-hand to 21 after the newly proposed code 20.
		<ul style="list-style-type: none"> ActMonitoringProtocolCode 	<ul style="list-style-type: none"> SP(special access) – changed to SAC with same display name and definitions as per HL7 specification

		<ul style="list-style-type: none"> ActPatientNoteType 	<ul style="list-style-type: none"> As GEN(General Note) is a duplicate code already in use in ActDetectedIssue as Genetic Alert , changed the Code to GENRN As LAB(Lab Note) is a duplicate code already in use in ActDetected Issue as Lab Alert, changed Code to LABN
		<ul style="list-style-type: none"> ActPatientAnnotationCode 	<ul style="list-style-type: none"> As ActPatientAnnotationCode in the Domain Overview hyperlinked to a tab with the same sheet name but the tab listed the valueset name as ActPatientNoteTypeCode, changed the valueset name to ActPatientAnnotationCode.
		<ul style="list-style-type: none"> ActInformationCategoryCode 	<ul style="list-style-type: none"> Added ARCAT – adverse reaction category - All information pertaining to a patient's adverse reaction records
		<ul style="list-style-type: none"> ActInformationAccessTypeCode 	<ul style="list-style-type: none"> Added ACDI – diagnostic image access - Provide consent to view or access diagnostic image information for a patient

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<ul style="list-style-type: none"> PN502-PM99-EN_-_Scope_&_Tracking_Framework_-_V01R04.3_-_HOTFIX_3_-_20080814.zip 	Scope and Tracking framework
<ul style="list-style-type: none"> SC-CA-0006-EN_-_Implementation_Guide_Volume_1_-_Pharmacy_-_V01R04.3_-_HOTFIX_3_(With_Revisions)_-_20080814.zip SC-CA-0006-EN_-_Implementation_Guide_Volume_1_-_Pharmacy_-_V01R04.3_-_HOTFIX_3_-_20080814.zip 	Implementation Guide Volume 1 - Pharmacy
<ul style="list-style-type: none"> CeRx-2003-EN_-_Excel_View_-_V01R04.3_-_HOTFIX_3_-_20080814.zip 	Excel View
<ul style="list-style-type: none"> CeRx-2003-EN_-_MIF_View_-_V01R04.3_-_HOTFIX_3_-_20080814.zip 	MIF
<ul style="list-style-type: none"> CeRx-2003-EN_-_Table_View_-_V01R04.3_-_HOTFIX_3_-_20080814.zip 	Table View
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