**Computerized Patient Record System (CPRS) v32**

Test Scripts/Cases



Department of Veterans Affairs

**July 2016**

Version 1.21

Revision History

Note: The revision history cycle begins once changes or enhancements are requested after the Test Plan has been baselined.

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| 7/29/2016 | 1.21 | Updated List of Enhancements in the project. Added Test Cases 1.3.25 thru 1.3.31.  NSR20090509 Park a Prescription-Minor modifications |  |
| 6/30/2016 | 1.20 | NSR20100101 Indication on all Prescriptions and Medication Orders- Additional Requirements.  NSR 20071211 Changes to Allergy/Pharmacy Packages-Modifications  Monthly Updates |  |
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| 4/30/2016 | 1.18 | NSR20070203 Allergy Order Check Enhancement- Minor Modification;  NSR20100825 Drug Allergy Order Check- Minor word Changes  NSR20100101 Indication on all Prescriptions and Medication Orders- Additional Requirements.  Monthly Updates |  |
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| 12/30/2015 | 1.14 | Monthly Updates, Updated 1.3.19 Real-Time Notification of Potentially Missed Order Checks |  |
| 11/30/2015 | 1.13 | Monthly Updates, Updated 1.3.16 Enhance CPRS/Medication History Report to fully document IV Administration  Updated 1.3.7 CPRS Day of Week Med Schedule Change |  |
| 10/30/2015 | 1.12 | Monthly Updates,  Updated 1.3.11 Confirm Provider Similar Names with screenshot.  Updated 1.3.7 CPRS Day of Week Med Schedule Change  Updated 1.3.4 CWAD Post Auto-Demotion Rules. |  |
| 09/29/2015 | 1.11 | Monthly Updates, Updated 1.3.8 Prevent Confusion Over Status Display, Updated 1.3.18 Button to Link Allergy Assessment Screens, Updated 1.3.25 Progress Notes Display Misleading |  |
| 09/08/2015 | 1.11 | Updated 1.3.13 Adverse Reaction Reporting File Medication |  |
| 8/31/2015 | 1.10 | Monthly Updates, Updated CWAD Post Auto-Demotion Rules (20080307) |  |
| 7/28/2015 | 1.9 | Update 1.3.16. Enhance CPRS/Medication History Report to Fully Document IV Administration (20110903) |  |
| 6/30/2015 | 1.8 | Enhance CPRS/Medication History Report to Fully Document IV Administration (20110903) |  |
| 5/31/2015 | 1.7 | Changes to Allergy Pharmacy Packages (20100825).  Modified NSR20090416 Changes to Nurse Order Verification’s Effect on Order Status  Modified NSR20071103 Change in Unflagging Capabilities |  |
| 4/30/2015 | 1.6 | Changed NSR20111006 to the correct Title (Prevent Confusion over CPRS Status Display). Marked NSR 20060307 unnecessary (existing functionality). |  |
| 3/31/2015 | 1.5 | Updated Adverse Reaction File Mods (20120404) to incorporate stakeholder suggestions; Modified IV Administration (20110903) to remove out of scope use cases. |  |
| 2/28/2015 | 1.4 | Updated user story for Similar Provider Names (20110606) to include 2 more GUI instances. |  |
| 1/31/2015 | 1.3 | Updated user stories for Drug Allergy Order Check (20100825); Allergy Order Check Enhancement (20070203); D/C Orders on Adverse Reaction |  |
| 12/31/2014 | 1.2 | Updated user stories for Park a Prescription, Day of the Week Med Scheduling, Similar Provider Names, and IV Administration Documentation. |  |
| 11/30/2014 | 1.1 | Updated user stories for CPRS Day of the Week Scheduling, Confirm Providers with Similar Names, and IV Administration Documentation. |  |
| 10/22/2014 | 1.0 | Drafted initial version |  |

Artifact Rationale

The Test Plan articulates the specific test and acceptance criteria for the software requirements for CPRSv32.

The Test Plan presents a User Story for each of the 25 New Service Requirements (NSRs) comprised by CPRSv32. In addition to the presentation of each User Story, the test plan identifies:

* The platforms or VistA modules impacted by the requirement
* The User Roles and their individual use cases for each requirement
* Any second tier requirements (in the form of acceptance criteria)

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# Introduction

This document is the Test Plan for the Computerized Patient Record System (CPRS) v32 development project.

This is a living document and will continue to evolve throughout the project. This project is implemented utilizing Agile methods which include multiple sprints, or short development cycles. This document will be updated regularly during the development cycle to reflect the impact of changes implemented to the requirements during Sprint and the cascading implications for the test plan and the user stories it contains.

## Purpose

This document is intended to provide the framework for unit, integration, system, and user acceptance testing of the modifications comprised by CPRSv32.

## Scope

This scope of this document is limited to the CPRS v32 development project. This project will make modifications to existing Veterans health Information Systems and Technology Architecture (VistA) applications. Modifications will be made to CPRS, Text Integration Utilities (TIU), Inpatient Medications, Outpatient Pharmacy, Pharmacy Data Management, Barcode Medication Administration (BCMA), Adverse Reaction Tracking (ART), Laboratory, Clinical Reminders, and Kernel.

Following are summary descriptions of each of the impacted modules or subsystems.

### Computerized Patient Record System

CPRS provides an integrated patient record system for clinicians, managers, Quality Assurance (QA) staff, and researchers. The primary goal of CPRS is to provide a fast and easy-to-use application that makes available to providers the information needed in the clinical workflow process. The CPRS user interface is integrated with VistA to facilitate reviewing, documenting and preserving of coordinated care information and improved accessibility of online clinical information and results.

### Text Integration Utilities

TIU simplifies the use and management of clinical documents for both clinical and administrative medical facility personnel. In connection with Authorization/Subscription Utility (ASU), a facility can set up policies and practices for determining who is responsible or has the privilege for performing various actions on required documents.

### Inpatient Medications

**The Inpatient Medications package** integrates functions from the Intravenous (IV) and Unit Dose (UD) modules. This integration provides a comprehensive record of medications utilized during hospitalization of the veteran, the functionality for clinician order entry through CPRS, and tailors processes by facility, user, and/or medication.

### Outpatient Pharmacy

Outpatient Pharmacy provides a method for managing the medications given to Veterans who have visited a clinic or who have received prescriptions upon discharge from the hospital. Prescription labels are automatically generated and refill request forms are printed. Medication histories are kept online to permit checks for potential interactions. Profiles can be generated to assist the clinician in managing the patient’s medication regimen. Management reports aid the pharmacy in controlling inventory and costs.

### Pharmacy Data Management

The Pharmacy Data Management (PDM) package includes tools for creating the Pharmacy Orderable Items and maintaining files necessary for CPRS. PDM consolidates tools for managing the various pharmacy software products, such as Outpatient Pharmacy and Inpatient Medications, facilitating the maintenance of files used within these applications. Prior to the release of the PDM software, the maintenance of pharmaceutical items within the local DRUG file (#50) was accomplished using application specific options. PDM provides a single option to maintain this file to facilitate this process.

### Barcode Medication Administration

Bar Code Medication Administration (BCMA) software provides a real-time, Point-of-Care (POC) solution for validating the administration of UD and IV medications to inpatients in Veterans Administration Medical Centers (VAMCs).

### Adverse Reaction Tracking

The ART program provides a common and consistent data structure for adverse reaction data. This module has options for data entry and validation, supported references for use by external software modules, and the ability to report adverse drug reaction data to the Food and Drug Administration (FDA).

### Laboratory

The Laboratory module supports the following areas: General Laboratory, Microbiology, Histology, Cytology, and Blood Donor. Additionally, activity-specific VistA applications exist for the following Laboratory areas, and they are explained in more detail in individual write-ups immediately following this one: Anatomic Pathology (including Surgical Pathology, and Electron Microscopy), Blood Bank, Electronic Data Interchange (EDI), Emerging Pathogens Initiative (EPI), HOWDY Computerized Login Process, National Laboratory Tests (NLT) Documents and LOINC Request Form, POC, Universal Interface (UI), and VistA Blood Establishment Computer Software (VBECS).

### Clinical Reminders

Clinical Reminders may be used for both clinical and administrative purposes. However, the primary goal is to provide relevant information to providers at the POC, for improving care for veterans. The package benefits clinicians by providing pertinent data for clinical decision-making, reducing duplicate documenting activities, assisting in targeting patients with particular diagnoses and procedures or site-defined criteria, and assisting in compliance with VHA performance measures and with Health Promotion and Disease Prevention guidelines.

### Kernel

Kernel provides a portability layer between the underlying operating system and application code. This results in the entire VistA system being portable among different computers, operating systems, and M implementations. This, together with the database portability provided by VA File Manager (FileMan), eliminates the cost of application conversions each time VHA changes its computing platforms.

Kernel also offers shared services for VistA applications, resulting in reduced development costs and a common user interface, and provides system management tools for managing VistA computer systems. The Remote Procedure Call (RPC) Broker supports a single sign-on point from a client workstation to the server. Users need only sign on once when accessing multiple VistA applications on the same workstation.

**The following summarizes the 33 enhancements addressed in this project listed in format of enhancement title and New Service Request (NSR) number in parentheses:**

1. Drug-Allergy Order Check Enhancements and Improved Detail (20100825)
2. Changes to the Nurse Order Verification’s Effect on Order Status (20090416)
3. Update Surrogate Management Functionality within CPRS GUI (20071216)
4. CWAD Post Auto-Demotion Rules (20080307)
5. ~~Clinical Reminder Code Space Expansion (20060307~~)
6. Add Address of Performing Lab to Reports in CPRS Health Summary (20081206)
7. CPRS Day of the Week Med Schedule Change (20120802)
8. Prevent Confusion over Status Display (20111006)
9. Change in Unflagging Capabilities (20071103)
10. CPRS Notification Alert Processing Improvement (20081008)
11. Confirm Provider Selected with Similar Names (20110606)
12. Identify Required Fields in Text Integration Utility (TIU) Note Templates and Notify User of Missing Required Fields (20100706)
13. Adverse Reaction Reporting File Modification (20120404)
14. Allergy Order Check Enhancement (20070203)
15. Park-A-Prescription (20090509)
16. ~~First Dose – Enhancement within CPRS Medication Order (20070811)~~
17. Enhance CPRS/Medication History Report to Fully Document IV Administration (20110903)
18. Critical/High Order Check Display (20101203)
19. Button to Link No Assessment Warning to Allergy Assessment Screens (20070920)
20. Real-Time Notification of Potentially Missed Order Checks (20060710)
21. Enhanced Allergy Checks Using COTS Data (20080704)
22. D/C Order Due To Adverse Reaction (20080226)
23. Changes to Allergy/Pharmacy Packages (20071211)
24. Order Flag Recommendations (20110719)
25. Progress Notes Display Misleading (20070817)
26. Indications on all Prescriptions and Medications Orders (20100101)
27. Allow user to clear own patient locks in CPRS (20080342)
28. Create Separate Alert for Prosthetics Requests (20110210)
29. Limiting Additional Signers List (20120101)
30. Nature of Order Default (20120601)
31. VistA Immunization Enhancements (VIMM)
32. Remove “Clinic” pick up
33. Filter Provider Drop Down List (20141111)

## Test Cases

### Drug-Allergy Order Check Enhancements and Improved Detail (20100825)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* GMRA Adverse Reaction Tracking Package
* PSS Pharmacy Data Management Package
* PSJ Inpatient Medications Package
* PSO Outpatient Pharmacy Package
* PSB Bar Code Medication Administration Package (potential)

#### Use Case Actors

(The keys necessary for actions taken in VistA PSO OE are listed next to each role.)

* Clinician (ORES and Provider)
* Pharmacist (PSJI MGR, PSJ RPHARM, PSJU MGR, PSJU RPH, PSD MGR, PSDRPH.)
* Nurse (ORELSE, PSJ RNFINISH, PSJI RNFINISH, PSJ RNURSE.)
* Generic User

Display all ingredients and their associated drug classes as part of complete order check when the reactant recorded for the patient allergy/ADR is a multiple-ingredient product.

#### User Story 1.1-A

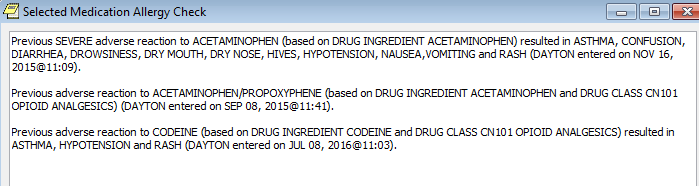
As a Clinician performing order entry, I want drug allergy order checks involving a patient allergy to a multiple-ingredient product (reactant) to display all ingredients in the reactant and the drug classes associated with each ingredient, and NOT to limit the displayed results to the first ingredient or drug class match found.

Test Case 1.1-A

* 1. Sign into CPRS as a Clinician.
  2. Use an inpatient with an allergy to two seperate ingredients of a mult-ingredient drug (ex. Allergy to Acetaminophen and Codeine)

3. Create an inpatient med order for Acetaminophen/Codeine. Enter all required fields/boxes and accept the order.

4. During the Allergy Order Check, all ingredients in the reactant and the drug classes of each ingredient will be shown, and not just the first match found.



#### User Story 1.1-B

As a Pharmacist finishing a drug order, I want drug allergy order checks involving a patient allergy to a multiple-ingredient product (reactant) to display all ingredients in the reactant and the drug classes associated with each ingredient, and NOT to limit the displayed results to the first ingredient or drug class match found.

Test Case 1.1-B

1. Sign into VistA as a Pharmacist.
2. Begin finishing the Order from Test Case 1.1-A. (This is in PSJ OE.)
3. During the finishing process, you will see the same information as in test case 1.1-A. (Example Below.)

A Drug-Allergy Reaction exists for this medication and/or class!

Prospective Drug: ACETAMINOPHEN W/COD 30MG TAB U/D 25's

Causative Agent: ACETAMINOPHEN (DAYTON - 07/27/16)

Historical/Observed: OBSERVED

Severity: SEVERE

Ingredients: ACETAMINOPHEN

Signs/Symptoms: ASTHMA, DIARRHEA, DROWSINESS, HYPOTENSION,

NAUSEA,VOMITING

A Drug-Allergy Reaction exists for this medication and/or class!

Prospective Drug: ACETAMINOPHEN W/COD 30MG TAB U/D 25's

Causative Agent: ACETAMINOPHEN/ OXYCODONE (DAYTON - 07/27/16)

Historical/Observed: OBSERVED

Severity: SEVERE

Ingredients: ACETAMINOPHEN

Signs/Symptoms: DROWSINESS, DRY MOUTH, HIVES, HYPOTENSION,

NAUSEA,VOMITING

Drug Class: CN101 OPIOID ANALGESICS

A Drug-Allergy Reaction exists for this medication and/or class!

Prospective Drug: ACETAMINOPHEN W/COD 30MG TAB U/D 25's

Causative Agent: CODEINE (DAYTON - 07/27/16)

Historical/Observed: OBSERVED

Severity: SEVERE

Ingredients: CODEINE

Signs/Symptoms: DIARRHEA, DROWSINESS, HYPOTENSION

Drug Class: CN101 OPIOID ANALGESICS

#### User Story 1.1-C

As a Nurse (when functioning in the role of a Pharmacist), I want drug allergy order checks involving a patient allergy to a multiple-ingredient product (reactant) to display all ingredients in the reactant and the drug classes associated with each ingredient, and NOT to limit the displayed results to the first ingredient or drug class match found.

Test Case 1.1-C

1. Sign into CPRS as a Clinician (at first)
2. Use a patient with an allergy to two seperate ingredients of a mult-ingredient drug (ex. Allergy to Acetaminophen and Codeine)

3. Create an inpatient med order for Acetaminophen/Codeine. Enter all required fields/boxes.

4. During the Allergy Order Check, all ingredients in the reactant and the drug classes of each ingredient will be shown, and not just the first match found.

5. Accept the order and sign it.

6. Log into VistA as a Nurse (Functioning in the role of a pharamacist.

7. In PSO OE, finish the order you created as a clinician in CPRS.

8. When finishing the order, verify all ingredients in the reactant and drug classes associated with each ingredient are listed in the allergy order check.

A Drug-Allergy Reaction exists for this medication and/or class!

Prospective Drug: ACETAMINOPHEN W/COD 30MG TAB U/D 25's

Causative Agent: ACETAMINOPHEN/ OXYCODONE (DAYTON - 07/27/16)

Historical/Observed: OBSERVED

Severity: SEVERE

Ingredients: ACETAMINOPHEN

Signs/Symptoms: DROWSINESS, DRY MOUTH, HIVES, HYPOTENSION,

NAUSEA,VOMITING

Drug Class: CN101 OPIOID ANALGESICS

A Drug-Allergy Reaction exists for this medication and/or class!

Prospective Drug: ACETAMINOPHEN W/COD 30MG TAB U/D 25's

Causative Agent: CODEINE (DAYTON - 07/27/16)

Historical/Observed: OBSERVED

Severity: SEVERE

Ingredients: CODEINE

Signs/Symptoms: DIARRHEA, DROWSINESS, HYPOTENSION

Drug Class: CN101 OPIOID ANALGESICS

**Provide consistent allergy/ADR Order Check Displays between CPRS and the VistA Inpatient Medications Application**

#### User Story 1.2-A

As a Clinician, I want to view the same allergy/ADR order checking information in the Order Check display in CPRS as is currently available in the VistA Inpatient Medications application.

1. Log in as a Clinician in both CPRS and VistA (PSJ OE).
2. Create an inpatient order with an adverse reaction in each.
3. Accept the CPRS order and finish the VistA (PSJ OE) order.
4. When the allergy/ADR order checks are displayed, ensure the order checks display the same information in CPRS and VistA.

#### User Story 1.2-B

As a Pharmacist, I want to view the same allergy/ADR order checking information in the Order Check display in CPRS as is currently available in the VistA Inpatient Medications application.

1. Log in as a Pharmacist in both CPRS and VistA.
2. Create an inpatient order with an adverse reaction in each.
3. When the allergy/ADR order checks are displayed, ensure the order checks display the same information in CPRS and VistA.

#### User Story 1.2-C

As a Nurse (when functioning in the role of a Pharmacist during the finishing process), I want to view the same allergy/ADR order checking information in the Order Check display in CPRS as is currently available in the VistA Inpatient Medications application.

1. Log in CPRS as a Clinician (at first.)
2. Create an inpatient order with an adverse reaction.
3. Accept the Order.
4. Log in to VistA as a Nurse.
5. Finish the order in VistA (PSJ OE.)
6. Verify the allergy check displays the same information as it did during the allergy order check in CPRS.

#### User Story 1.2-D

As a Clinician, Pharmacist, or Nurse, I want to view the same detailed allergy/ADR order checking information in the order check display in CPRS as is currently available from within Bar Code Medication Administration (BCMA).

Test Case 1.2-D

1. Log into BCMA.
2. Navigate to the patients used in the test cases above.
3. In the cover sheets, select the active orders, right click, and select display order.
4. Verify the order check information in the displayed orders reflect the order checks that took place in CPRS.

**Display documented reactant and all the identified ingredient matches, or just the first ingredient found (as part of allergy/ADR order check)**

#### User Story 1.3-A

As a Clinician, I want to view all identified ingredient matches to a documented reactant, and not just the first ingredient found, during the order entry process.

(Tested in Test Case 1.1-A)

#### User Story 1.3-B

As a Pharmacist, I want to view all identified ingredient matches to a documented reactant, and not just the first ingredient found, during the finishing process.

(Tested in Test Case 1.1-B)

#### User Story 1.3-C

As a Nurse (when functioning in the role of a Pharmacist during the finishing process) I want to view all identified ingredient matches to a documented reactant, and not just the first ingredient found.

(Tested in Test Case 1.1-C)

**Display details of an allergy/ADR order check, including signs and symptoms of allergies documented ~~at another (remote) location~~ from other facilities.**

#### User Story 1.4-A

As a Clinician, I want to view the details of a drug-allergy order check, including signs and symptoms documented ~~at another (remote) location~~ from other facilities, during the order entry process.

Test Case 1.4-A

1. Log into CPRS as a Clinician.
2. Select a patient that has an allergy entered from a different facility.
3. Create an inpatient order that will trigger the allergy enetered from a different facility.
4. When the allergy/ADR order check occurs, ensure you can view the signs and symptoms that were entered from a nother facility.

#### User Story 1.4-B

As a Pharmacist, I want to view the details of a drug-allergy order check, including signs and symptoms documented ~~at another (remote) location~~ , from other facilities, during the finishing process.

Test Case 1.4-B

1. Log into CPRS as a Clinician.
2. Select a patient that has an allergy entered from a different facility.
3. Create an inpatient order that will trigger the allergy enetered from a different facility.
4. When the allergy/ADR order check occurs, ensure you can view the signs and symptoms that were entered from a nother facility
5. Log into VistA as a Pharmacist.
6. Start the finishing process with the order you created in step 2.
7. During the finishing process, ensure you are able to verify the inclusion of the allergy entered from a different facility..

#### User Story 1.4-C

As a Nurse (when functioning in the role of a Pharmacist during the finishing process), I want to view the details of a drug-allergy order check, including signs and symptoms documented ~~at another (remote) location.~~ from other facilities.

Test Case 1.4-C

1. Log into CPRS as a Clinician.
2. Select a patient that has an allergy entered from a different facility.
3. Create an inpatient order that will trigger the allergy enetered from a different facility.
4. When the allergy/ADR order check occurs, ensure you can view the signs and symptoms that were entered from a nother facility
5. Log into VistA as a Nurse (functioning as a Pharamacist.).
6. Start the finishing process with the order you created in step 2.
7. During the finishing process, ensure you are able to verify the inclusion of the allergy entered from a different facility..

#### User Story 1.4-D

As a Nurse, I want to view the details of a drug-allergy order check, including signs and symptoms documented ~~at another (remote) location~~,from other facilities, during medication order verification in CPRS

Test Case 1.4-D.

1. Log into CPRS as a Clinician.
2. Select a patient that has an allergy entered from a different facility.
3. Create an inpatient order that will trigger the allergy enetered from a different facility.
4. When the allergy/ADR order check occurs, ensure you can view the signs and symptoms that were entered from a nother facility
5. Log into VistA as a Nurse.
6. Start the finishing process with the order you created in step 2.
7. During the finishing process, ensure you are able to verify the inclusion of the allergy entered from a different facility..
8. When the order is finished, then verify the order.
9. Ensure the details of the allergy order check appear, including signs and symptoms.

#### User Story 1.4-E

As a Nurse, I want to view the details of a drug-allergy order check, including signs and symptoms documented ~~at another (remote) location~~,from other facilities, during the medication administration process.

Test case 1.4-E

1. Log into BCMA and select the patient from the previous test case.
2. On the cover sheet, right click on the order from the previous test case and click “display order.”
3. Verify the details of the order check with signs and symptoms documented from another facility.

**Display signs/symptoms (both local and ~~remote~~** from other facilities**~~)~~ of a reported allergy/ADR as part of the allergy/ADR order check**

**(For these tests, its best to order a multi-ingredient drug, and have the allergies spread out between local and other facilities of each ingredient. i.e – Acetaminophen local, Codeine other facility. Then create the order for Acteaminophen/Codeine tab or something similar.)**

#### User Story 1.5-A

As a CPRS user, I want to view the signs and symptoms of a reported allergy/ADR when the allergy/ADR is presented as an order check during the order entry process in CPRS.

Test Case 1.5-A

1. Log into CPRS as a Clinician.
2. Select a patient that has an allergy from a different facility and an allergy from the currently logged in facility.
3. Create an inpatient order that will trigger both allergies.
4. When the allergy/ADR order check occurs, ensure you can view the signs and symptoms that were entered from both facilities.

#### User Story 1.5-B

As a VistA Inpatient Medications user, I want to view the signs and symptoms of a reported allergy/ADR when the allergy/ADR is presented as an order check during the order entry process in “backdoor” VistA Inpatient Medications.

Test Case 1.5-B

1. Log into VistA
2. Using the same patient from Test Case 1.5-A, create a similar order than will trigger both allergies (from another facility and from current facility.) (This is in PSJ OE.)
3. During the Order Entry Process, ensure the allergy order check shows signs and symptoms of both allergies.

#### User Story 1.5-C

As a VistA Pharmacy user, I want to view the signs and symptoms of a reported allergy/ADR when the allergy/ADR is presented as an order check during the order finishing process in “backdoor” VistA Pharmacy.

Test Case 1.5-B

1. Log into VistA
2. Using the same patient from Test Case 1.5-B, begin the finishing process on the order also created in Test case 1.5-B (In PSJ OE)
3. During the finishing process, ensure the allergy order check displays signs and symptoms for both allergies.

#### Display severity as part of the allergy/ADR order check

#### User Story 1.6-A

As a CPRS user performing the order entry process, I want to view the severity of a reported allergy/ADR (not only for “Observed” but also for “Historic” reactions) when the allergy/ADR is presented as an order check.

Test Case 1.6-A

1. Log into CPRS.
2. Create an inpatient order for a patient who has an observed allergy that will trigger this allergy.
3. When accepting the order, verify the severity of the observed allergy is included in the order check.

Test Case 1.6-A2

1. Log into CPRS
2. Create an inpatient order for a patient who has an historical allergy that will trigger this allergy.
3. When accepting the order. Verify the severity of the historical allergy is included in the order check.

#### User Story 1.6-B

As a CPRS user performing the order finishing process, I want to view the severity of a reported allergy/ADR (not only for “Observed” but also for “Historic” reactions) when the allergy/ADR is presented as an order check.

Test Case 1.6-B

1. Log Into VistA
2. Finish the observed allergy order from test case 1.6-A. (In PSJ OE)
3. Ensure the severity of the observed allergy is included in the allergy order check.

Test Case 1.6-B2

1. Log into VistA
2. Finish the historical allergy order from test case 1.6-A2 (In PSJ OE)
3. Ensure the severity of the historical allergy is included in the allergy order check.

#### User Story 1.6-C

As a VistA user performing the order entry process in “backdoor” VistA Inpatient Medications, I want to view the severity of a reported allergy/ADR (not only for “Observed” but also for “Historic” reactions) when the allergy/ADR is presented as an order check.

Test Case 1.6-C

1. Log into VistA
2. Using the same patient from 1.6-A create an inpatient order to trigger the observed allergy. (In PSJ OE)Verify during the allergy order check, a severity is displayed for the observed allergy.

Test Case 1.6-C2

1. Log into Vista.
2. Using the same patient from 1.6-A2 create an inpatient order to trigger the historical allergy. (In PSJ OE)
3. Verify during the allergy order check a severity is displayed for the observed allergy.

#### User Story 1.6-D

As a VistA user performing the order finishing process in “backdoor” VistA Pharmacy, I want to view the severity of a reported allergy/ADR (not only for “Observed” but also for “Historic” reactions) when the allergy/ADR is presented as an order check.Test Case 1.6-D

1. Log into VistA.
2. Using the same observed allergy order from test case 1.6-C, begin the finishing process. (In PSJ OE)
3. During the finishing process, ensure the allergy order check includes the severity of the observed allergy.

Test Case 1.6-D2

1. Log into VistA.
2. Using the same historical allergy order from test case 1.6-C, begin the finishing process (in PSJ OE.)
3. During the finishing process, ensure the allergy order check includes the severity of the historical.

**Ensure that signs/symptoms are included with other allergy/ADR order check details in stored order check information**

#### User Story 1.7

As a system user or automated system component performing queries on persisted patient data, I want to have signs/symptoms persisted with other allergy/ADR order check details in stored order check information.

**Files Impacted**

* 100.05 ORDER CHECK INSTANCES

#### User Story 1.8

As a CPRS user viewing the order check display, I want the label “local” (which currently follows the medication name to identify the facility at which an allergy was recorded) to be replaced with the site name of the location where the allergy was documented (if available subsequent to anticipated ME2 enhancements) or to be blank (unless “~~remote~~” from other facilities)..

Test Case 1.8

1. Log into CPRS.
2. Select a patient with an allergy entered from a different facility.
3. Create an inpatient medication order that will trigger an allergy order check.
4. Ensure that in the allergy order check, the other facility where the allergy was documented is labeled correctly.

### Changes to the Nurse Order Verification’s Effect on Order Status (20090416)

#### System Impact

* CPRS GUI (verify)
* M Side Code
* OR Orders Package
* PBM Pharmacy Benefits Management Package (verify)
* PSB Bar Code Medications Administration Package (verify)
* PSJ Inpatient Medications Package
* PSS Pharmacy Data Management
* Kernel (if a new key is required)

#### Use Case Actors

* Nurse
* Pharmacist
* CPRS User

#### User Story 2.1

As a Nurse, I want to be able to activate only those orders finished by Nurses with authorized key.

1. Log in as provider.

2. Navigate to patient

3. Navigate to orders tab

4. Navigate to inpatient meds

5. Create order

6. Sign order

7. Log in as Nurse

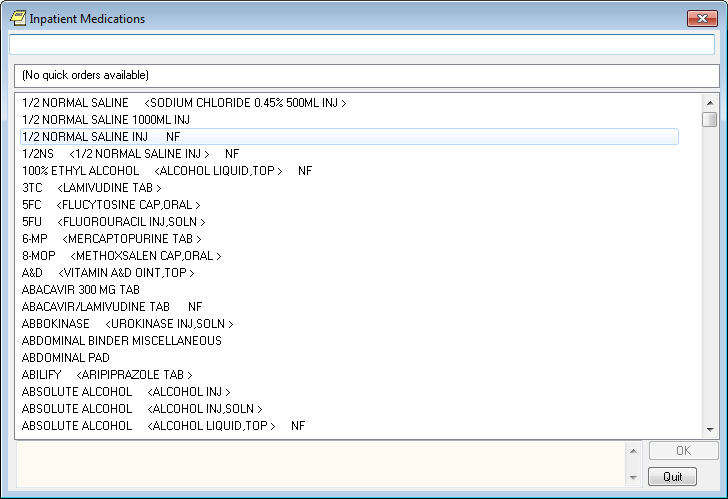
8.Verify order

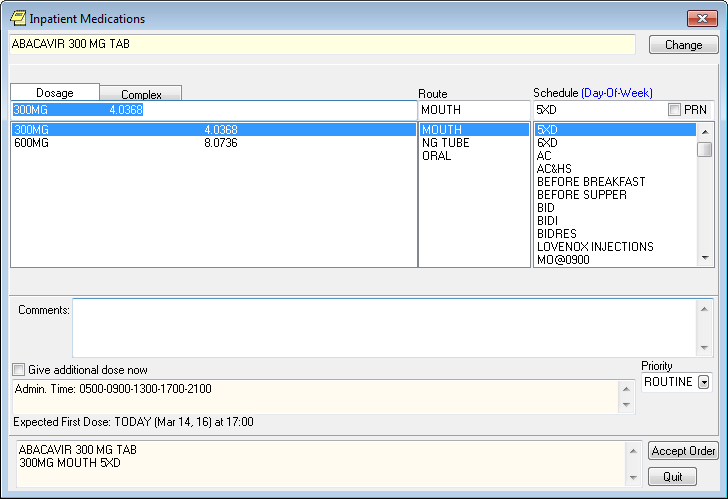
9.Log in to Vista as Nurse

10. Finish order

11. Verify that order is active.

Image redacted





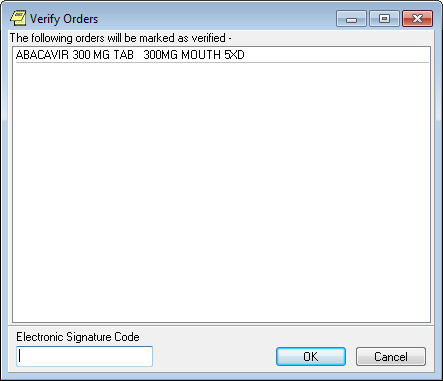


Image Redacted

**Acceptance Criteria**

* The system shall allow Nurses with the authorized key (PSJ RNFINISH or the PSJI RNFINISH key) to finish orders when the Pharmacist is not available.
* The system shall allow nurses to independently make available for administration in BCMA only those orders that were nurse-finished. A pharmacist-finished order will require pharmacist-verification to be available in BCMA.

**User Story 2.2-A**

As a CPRS user, I want to be able to include orders that have been verified (activated) by a Nurse.

1. Log in as provider.  
2. Navigate to patient  
3. Navigate to orders tab  
4. Navigate to inpatient meds  
5. Create order  
6. Sign order  
7. Log in as Nurse  
8.Verify order  
9.Log in to Vista as Nurse  
10.Navigate to Non-Verified/Pending Orders Report  
11.Locate patient  
12. Verify that report includes nurse verified orders

**User Story 2.2-B**

As a CPRS user, I want to be able to separately identify orders placed through the Inpatient Meds for Outpatients (IMO/Clinic Meds) functionality, especially those administered by the Nurse prior to Pharmacist action.

1. Log in as provider.  
2. Navigate to patient  
3. Update encounter to clinic location  
4. Navigate to orders tab  
5. Navigate to inpatient meds  
6. Create order  
7. Sign order  
8. Navigate to Non-Verified/Pending Orders Report  
9. Verify that report identifies orders placed through clinic

Image redacted

**Acceptance Criteria**

* The system shall add additional items to the report of those orders requiring Pharmacist’s activity.

### Update Surrogate Management Functionality within CPRS GUI (20071216)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Module
* Kernel

#### Use Case Actors

* CPRS User
* Roles (if specific) TBD

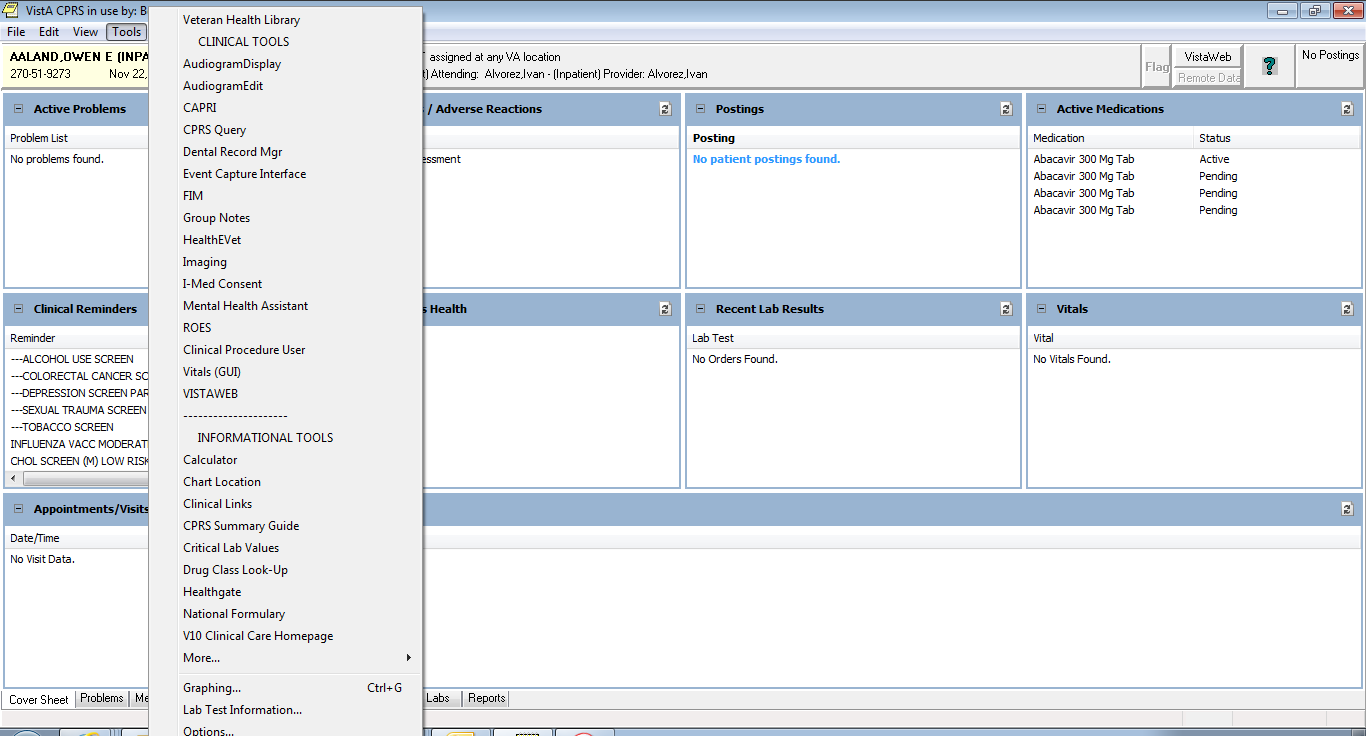
#### User Story 3.1

As a CPRS user, I want to be able to set multiple surrogates directly from the CPRS interface in a single interaction, without having to exit and re-enter the Surrogate for Notifications screen.

1. Click “Tools” in the toolbar

Image redacted

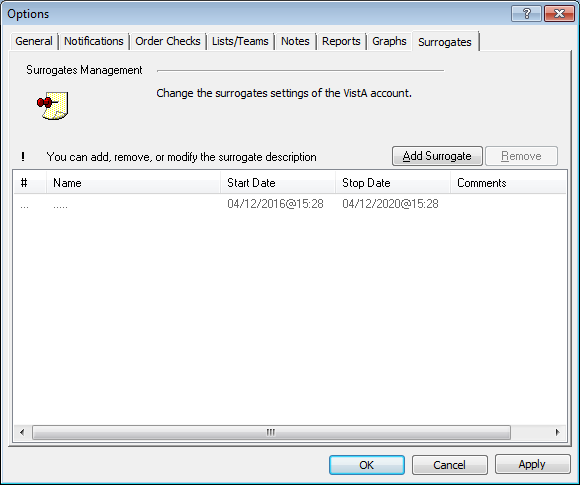
1. Click “Options” from the tools menu



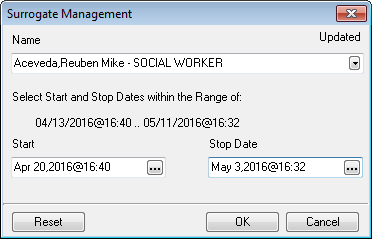
1. Click on the “Surrogates” tab within the options menu.

CPRS Options detail- highlighted in box

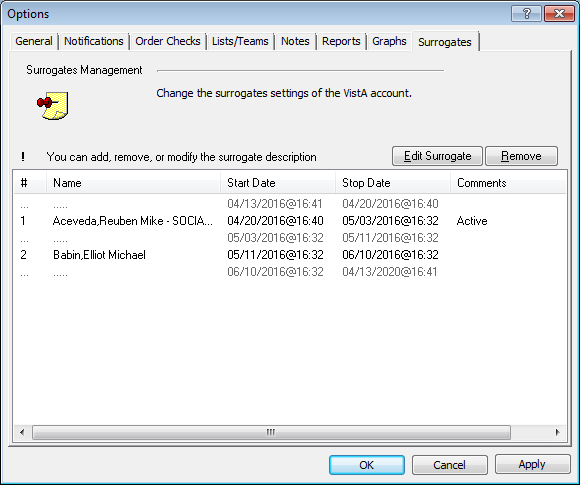

Click on the “Add Surrogate”



1. Enter the name of the desired surrogate
2. Enter the appropriate date and time ranges
3. Click “OK”



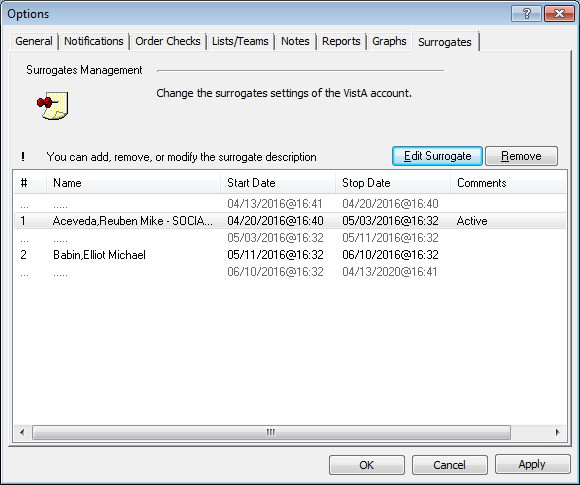
1. Verify the newly scheduled surrogate in the options menu
2. Click “Apply”



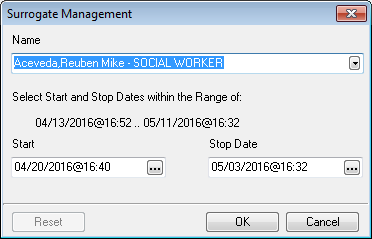
#### User Story 3.2

As a CPRS user, I want to be able to edit a list of multiple surrogates directly from the CPRS interface in a single interaction, without having to exit and re-enter the Surrogate for Notifications screen.

1. Click “Tools” in the toolbar
2. Click “Options” from the tools menu
3. Click on the “Surrogates” tab within the options menu.
4. Click on the “Add Surrogate”
5. Enter the name of the desired surrogate
6. Enter the appropriate date and time ranges
7. Click “OK”
8. Verify the newly scheduled surrogate in the options menu
9. Click “Apply”
10. Click “Edit Surrogate”



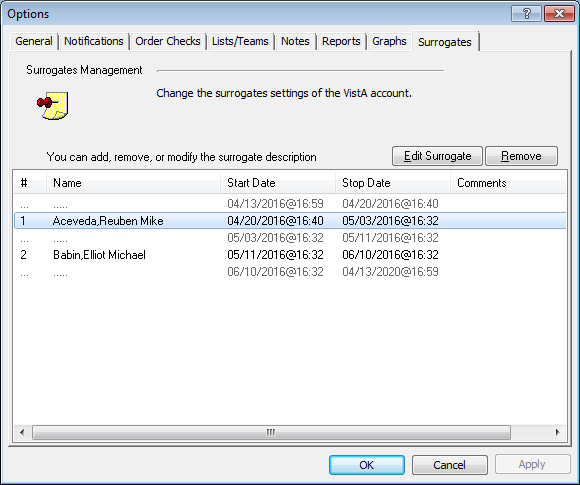
1. Update the date and/or time by typing in the start and stop dates or clicking on the ellipses button.



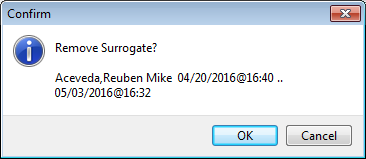
#### User Story 3.3

As a CPRS user, I want to be able to cancel a single surrogate from a list of multiple surrogates directly from the CPRS interface in a single interaction, without having to exit and re-enter the Surrogate for Notifications screen.

1. Click “Tools” in the toolbar
2. Click “Options” from the tools menu
3. Click on the “Surrogates” tab within the options menu.
4. Click on the “Add Surrogate”
5. Enter the name of the desired surrogate
6. Enter the appropriate date and time ranges
7. Click “OK”
8. Verify the newly scheduled surrogate in the options menu
9. Click “Apply”
10. Click “Remove”
11. Click “Tools” in the toolbar
12. Click “Options” from the tools menu
13. Click on the “Surrogates” tab within the options menu.
14. Click on the “Add Surrogate”
15. Enter the name of the desired surrogate
16. Enter the appropriate date and time ranges
17. Click “OK”
18. Verify the newly scheduled surrogate in the options menu



1. Click “OK”



1. Click “Apply”

#### User Story 3.4

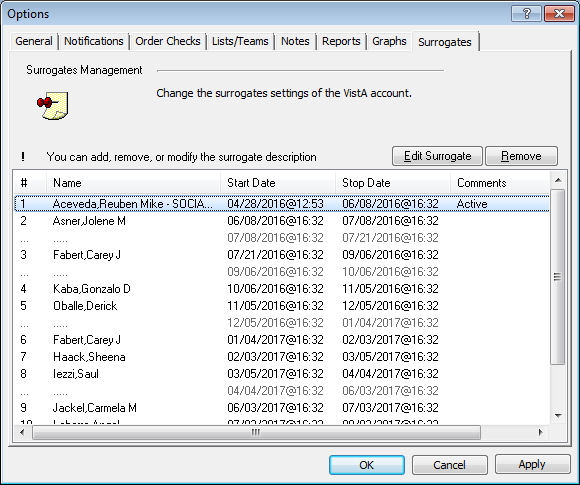
As a CPRS user, I want to be able to cancel multiple surrogates (including all surrogates) directly from the CPRS interface in a single interaction, without having to exit and re-enter the Surrogate for Notifications screen.

1. Click “Tools” in the toolbar
2. Click “Options” from the tools menu
3. Click on the “Surrogates” tab within the options menu.
4. Click on the “Add Surrogate”
5. Enter the name of the desired surrogate
6. Enter the appropriate date and time ranges
7. Click “OK”
8. Verify the newly scheduled surrogate in the options menu
9. Click “Apply”
10. Select a surrogate
11. Click “Remove”
12. Click “Ok”
13. Select another surrogate
14. Click “Remove”
15. Click “Ok”
16. Click “Apply”
17. Verify that the selected surrogates have been removed

#### User Story 3.5

As a CPRS user, I want to be able to view every defined surrogate on a single Surrogate for Notifications screen, along with the start date/time and end date/time for each surrogate, and to have a visual identifier of the “current” surrogate in a list of multiple surrogates.

1. Click “Tools” in the toolbar
2. Click “Options” from the tools menu
3. Click on the “Surrogates” tab within the options menu.
4. Click on the “Add Surrogate”
5. Enter the name of the desired surrogate
6. Enter the appropriate date and time ranges
7. Click “OK”
8. Verify the newly scheduled surrogate in the options menu
9. Click “Apply”
10. Verify that all scheduled surrogates are displayed
11. Verify that the currently scheduled surrogate shows “Active”



**Acceptance Criteria**

* The system displays the same surrogate identifying information on the CPRS Surrogate for Notifications screen as that available within the legacy List Manager/VistA Kernel.

### CWAD Post Auto-Demotion Rules (20080307)

#### System Impact

* CPRS GUI (Possible)
* M Side Code
* OR Orders Package
* TIU Text Integration Utility

#### Use Case Actors

* CPRS User
* TBD

#### User Story 4.1

As a CPRS user, I want to be able to view only CWAD Posting progress notes in the CPRS Postings box.

#### User Story 4.2

As a CPRS user, I want to be able to establish a one-time setup option for selection of a CWAD Posting title for auto-demotion and a non-posting title as the demotion target.

#### User Story 4.3

As a CPRS user, I want to be able to target a type of CWAD Posting for demotion based on its title. (EXCLUDING FOR THE THREE TITLES RELATED TO ADVANCED DIRECTIVES.)

##### Acceptance Criteria

The system demotes a CPRS progress note from a Crisis Notes, Warning Notes, Allergies and Directives (Except for the three titles related to Advanced Directives) (CWAD) posting to a standard-level progress note.

##### Test Case 1.3.4

1. Verify the default exclude from CWAD Auto-Demotion titles are present in the parameter:

Select OPTION NAME: GENERAL PARAMETER TOOLS XPAR MENU TOOLS General Paramet

er Tools

LV List Values for a Selected Parameter /LE List Values for a Selected Entity

LP List Values for a Selected Package /LT List Values for a Selected Template EP Edit Parameter Values/ET Edit Parameter Values with Template /EK Edit Parameter Definition Keyword

You have PENDING ALERTS

Enter "VA to jump to VIEW ALERTS option

You've got PRIORITY mail!

Select General Parameter Tools <TEST ACCOUNT> Option: LV List Values for a Sele

cted Parameter

Select PARAMETER DEFINITION NAME: TIU CWAD EXCLUDED TITLES CWAD AUTO-DEMOTI

ON EXCLUDED TITLES

Values for TIU CWAD EXCLUDED TITLES

Parameter Instance Value

----------------------------------------------------------------------------

**PKG: TEXT INTEGRATION UTILITIE 1 / ADVANCE DIRECTIVE**

**PKG: TEXT INTEGRATION UTILITIE 2 / ADVANCE DIRECTIVE DISCUSSION**

**PKG: TEXT INTEGRATION UTILITIE 3 / RESCINDED ADVANCE DIRECTIVE**

Enter RETURN to continue or '^' to exit:

To see what CWAD titles should be selectable (minus the excluded CWAD, RESULTS MAY VARY SYSTEM BY SYSTEM, YOU MAY NOT SEE THE TITLES LISTED HERE):

CPRS285A4:CPRS32>D P^DII

VA FileMan 22.0

Select OPTION: SEARCH FILE ENTRIES

OUTPUT FROM WHAT FILE: TIU DOCUMENT DEFINITION//

-A- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

-A- CONDITION: EQUALS

  -A- EQUALS: C  crisis note

-B- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

  -B- CONDITION: EQUALS

  -B- EQUALS: W  warning

-C- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

  -C- CONDITION: EQUALS

  -C- EQUALS: A  allergy/ADR

-D- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

  -D- CONDITION: EQUALS

  -D- EQUALS: D  directive

-E- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: 10:.01:1501

By '10', do you mean TIU DOCUMENT DEFINITION 'ITEM'? Yes//   (Yes)

By '.01', do you mean ITEM 'ITEM'? Yes//   (Yes)

By '#1501', do you mean TIU DOCUMENT DEFINITION 'VHA ENTERPRISE STANDARD TITL

E'? Yes//   (Yes)??

-E- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: 10  ITEM   (multiple)

-E- SEARCH FOR TIU DOCUMENT DEFINITION ITEM SUB-FIELD: .01:1501

By '.01', do you mean ITEM 'ITEM'? Yes//   (Yes)

By '#1501', do you mean TIU DOCUMENT DEFINITION 'VHA ENTERPRISE STANDARD TITL

E'? Yes//   (Yes)

-E- CONDITION: '=  EQUALS

-E- NOT EQUALS: ADVANCE DIRECTIVE

-F- SEARCH FOR TIU DOCUMENT DEFINITION ITEM SUB-FIELD: .01:1501

By '.01', do you mean ITEM 'ITEM'? Yes//   (Yes)

By '#1501', do you mean TIU DOCUMENT DEFINITION 'VHA ENTERPRISE STANDARD TITL

E'? Yes//   (Yes)

-F- CONDITION: '=  EQUALS

-F- NOT EQUALS: ADVANCE DIRECTIVE DISCUSSION

-G- SEARCH FOR TIU DOCUMENT DEFINITION ITEM SUB-FIELD: .01:1501

By '.01', do you mean ITEM 'ITEM'? Yes//   (Yes)

By '#1501', do you mean TIU DOCUMENT DEFINITION 'VHA ENTERPRISE STANDARD TITL

E'? Yes//   (Yes)

-G- CONDITION: '=  EQUALS

-G- NOT EQUALS: RESCINDED ADVANCE DIRECTIVE

-H- SEARCH FOR TIU DOCUMENT DEFINITION ITEM SUB-FIELD:

-H- SEARCH FOR TIU DOCUMENT DEFINITION FIELD:

IF: AEFG

CONDITION -F- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -E-

...OK? Yes//   (Yes)

CONDITION -G- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -F-

...OK? Yes//   (Yes)

POSTING INDICATOR EQUALS "C" (crisis note) and TIU DOCUMENT DEFINITION ITEM NOT EQUALS (case-insensitive)

"ADVANCE DIRECTIVE"together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "ADVANCE DIRECTIVE DISCUSSION"together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "RESCINDED ADVANCE DIRECTIVE"

DO YOU WANT THIS SEARCH SPECIFICATION TO BE CONSIDERED TRUE FOR CONDITION -E-

1) WHEN AT LEAST ONE OF THE 'ITEM' MULTIPLES SATISFIES IT

2) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT

3) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT, OR WHEN THERE ARE NO 'ITEM' MULTIPLES

CHOOSE 1-3: 1//

OR: BEFG

CONDITION -F- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -E-

...OK? Yes//   (Yes)

CONDITION -G- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -F-

...OK? Yes//   (Yes)

Or POSTING INDICATOR EQUALS "W" (warning) and TIU DOCUMENT DEFINITION ITEM NOT EQUALS (case-insensitive)

"ADVANCE DIRECTIVE" together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "ADVANCE DIRECTIVE DISCUSSION" together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "RESCINDED ADVANCE DIRECTIVE"

DO YOU WANT THIS SEARCH SPECIFICATION TO BE CONSIDERED TRUE FOR CONDITION -E-

1) WHEN AT LEAST ONE OF THE 'ITEM' MULTIPLES SATISFIES IT

2) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT

3) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT, OR WHEN THERE ARE NO 'ITEM' MULTIPLES

CHOOSE 1-3: 1//

OR: CEFG

CONDITION -F- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -E-

...OK? Yes//   (Yes)

CONDITION -G- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -F-

...OK? Yes//   (Yes)

Or POSTING INDICATOR EQUALS "A" (allergy/ADR) and TIU DOCUMENT DEFINITION ITEM NOT EQUALS (case-insensitive)

"ADVANCE DIRECTIVE" together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "ADVANCE DIRECTIVE DISCUSSION" together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "RESCINDED ADVANCE DIRECTIVE"

DO YOU WANT THIS SEARCH SPECIFICATION TO BE CONSIDERED TRUE FOR CONDITION -E-

1) WHEN AT LEAST ONE OF THE 'ITEM' MULTIPLES SATISFIES IT

2) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT

3) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT, OR WHEN THERE ARE NO 'ITEM' MULTIPLES

CHOOSE 1-3: 1//

OR: DEFG

CONDITION -F- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -E-

...OK? Yes//   (Yes)

CONDITION -G- WILL APPLY TO THE SAME MULTIPLE AS CONDITION -F-

...OK? Yes//   (Yes)

Or POSTING INDICATOR EQUALS "D" (directive) and TIU DOCUMENT DEFINITION ITEM NOT EQUALS (case-insensitive)

"ADVANCE DIRECTIVE" together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "ADVANCE DIRECTIVE DISCUSSION" together with TIU DOCUMENT DEFINITION .01:1501 NOT EQUALS (case-

insensitive) "RESCINDED ADVANCE DIRECTIVE"

DO YOU WANT THIS SEARCH SPECIFICATION TO BE CONSIDERED TRUE FOR CONDITION -E-

1) WHEN AT LEAST ONE OF THE 'ITEM' MULTIPLES SATISFIES IT

2) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT

3) WHEN ALL OF THE 'ITEM' MULTIPLES SATISFY IT, OR WHEN THERE ARE NO 'ITEM' MULTIPLES

CHOOSE 1-3: 1//

OR:

STORE RESULTS OF SEARCH IN TEMPLATE:

SORT BY: NAME// ITEM (multiple)

ITEM SUB-FIELD: .01  ITEM

START WITH ITEM: FIRST//

WITHIN ITEM, SORT BY:

FIRST PRINT FIELD: ITEM (multiple)

  FIRST PRINT ITEM SUB-FIELD: .01  ITEM

  THEN PRINT ITEM SUB-FIELD:

THEN PRINT FIELD:

Heading (S/C): TIU DOCUMENT DEFINITION SEARCH  Replace

STORE PRINT LOGIC IN TEMPLATE:

DEVICE: ;;999  TELNET PORT Right Margin: 80//

TIU DOCUMENT DEFINITION SEARCH OCT 29,2015  12:34 PAGE 1

ITEM

--------------------------------------------------------------------------------

ADVERSE REACTION/ALLERGY

CLINICAL WARNING

CRISIS

CRISIS NOTE

FALL RISK

JEANIE'S ALLERGY

OUTSIDE MEDICATION

RISK OF CJD

8 MATCHES FOUND.

| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

1. These are the CWAD titles which should **NOT** be seen when selecting non-CWAD titles(RESULTS MAY VARY SYSTEM TO SYSTEM, YOU MAY NOT SEE THE SAME TITLES THAT ARE LISTED HERE):

CPRS285A4:CPRS32>D P^DII

VA FileMan 22.0

Select OPTION: SEARCH FILE ENTRIES

OUTPUT FROM WHAT FILE: TIU DOCUMENT DEFINITION//

-A- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

-A- CONDITION: =  EQUALS

-A- EQUALS: C  crisis note

 -B- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

  -B- CONDITION: EQUALS

  -B- EQUALS: W  warning

-C- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

  -C- CONDITION: EQUALS

  -C- EQUALS: A  allergy/ADR

-D- SEARCH FOR TIU DOCUMENT DEFINITION FIELD: POSTING INDICATOR

  -D- CONDITION: EQUALS

  -D- EQUALS: D  directive

-E- SEARCH FOR TIU DOCUMENT DEFINITION FIELD:

IF: A POSTING INDICATOR EQUALS "C" (crisis note)

OR: B Or POSTING INDICATOR EQUALS "W" (warning)

OR: C Or POSTING INDICATOR EQUALS "A" (allergy/ADR)

OR: D Or POSTING INDICATOR EQUALS "D" (directive)

OR:

STORE RESULTS OF SEARCH IN TEMPLATE:

SORT BY: NAME// ITEM (multiple)

ITEM SUB-FIELD: .01  ITEM

START WITH ITEM: FIRST//

WITHIN ITEM, SORT BY:

FIRST PRINT FIELD: 10  ITEM  (multiple)

  FIRST PRINT ITEM SUB-FIELD: .01  ITEM

  THEN PRINT ITEM SUB-FIELD:

THEN PRINT FIELD:

Heading (S/C): TIU DOCUMENT DEFINITION SEARCH  Replace

DEVICE:   TELNET PORT Right Margin: 80//

TIU DOCUMENT DEFINITION SEARCH OCT 29,2015  12:42 PAGE 1

ITEM

--------------------------------------------------------------------------------

ADVANCE DIRECTIVE

ADVANCE DIRECTIVE COMPLETED

ADVERSE REACTION/ALLERGY

CLINICAL WARNING

CRISIS

CRISIS NOTE

FALL RISK

JEANIE'S ALLERGY

OUTSIDE MEDICATION

RISK OF CJD

10 MATCHES FOUND.

1. Edit a CWAD note and create a CWAD Auto-Demotion note.

CPRS285A3:CPRS32>D ^XUP

Setting up programmer environment

This is a TEST account.

Terminal Type set to: C-VT320

You have 10 new messages.

Select OPTION NAME: TIU MAIN MENU MGR Text Integration Utilities (MIS Manager)

--- MIS Managers Menu ---

1 Individual Patient Document

2 Multiple Patient Documents

3 Print Document Menu ...

4 Search for Selected Documents

5 Statistical Reports ...

6 Unsigned/Uncosigned Report

7 Missing Text Report

9 Signed/unsigned PN report and update

10 UNKNOWN Addenda Cleanup

11 Missing Expected Cosigner Report

12 Mark Document as 'Signed by Surrogate'

13 Mismatched ID Notes

14 TIU 215 ANALYSIS ...

15 Transcription Billing Verification Report

16 CWAD/Postings Auto-Demotion Setup

Select Text Integration Utilities (MIS Manager) <TEST ACCOUNT> Option: 16

CWAD/Postings Auto-Demotion Setup

Select a CWAD/Postings TITLE for auto-demotion: CRISIS NOTE

TITLE << Type ? to get a list of possible CWAD notes

Std Title: CRISIS NOTE

Select a NON-Posting TITLE as the demotion target: DEMOTED CRISIS NOTE TITLE

<< Choose any non CWAD note you wish

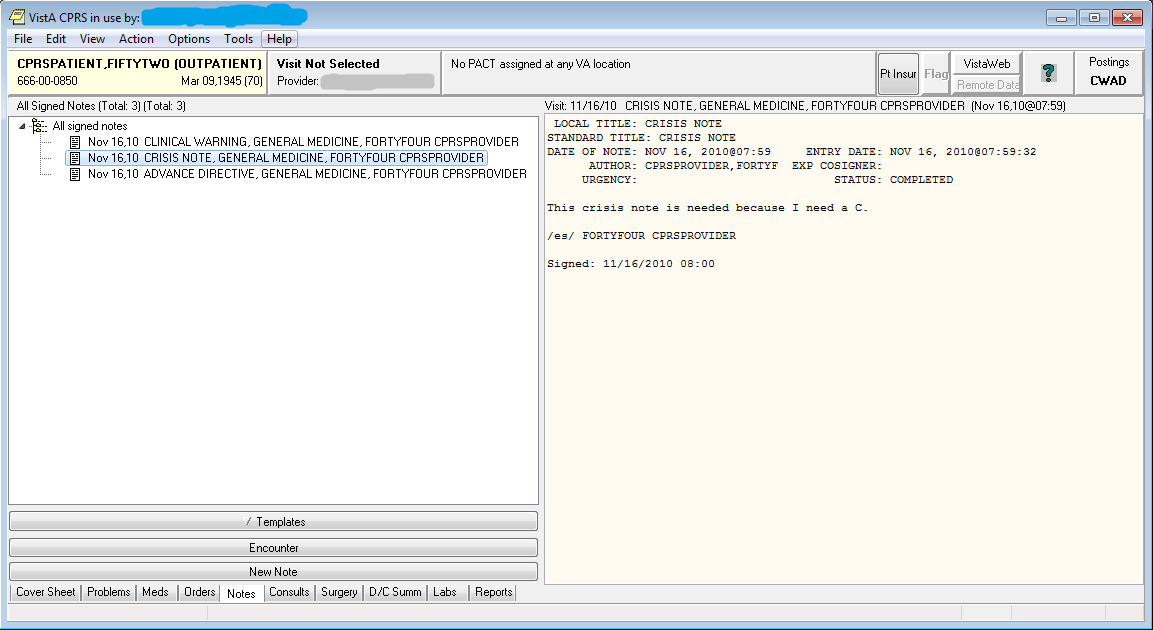
Done. Post-Signature code has been set (or reset) as follows...

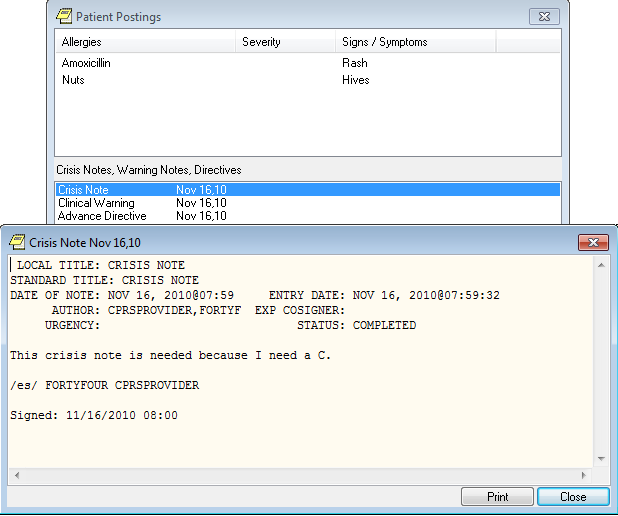
TITLE: ADVANCE DIRECTIVE COMPLETED

POST-SIGNATURE ACTION: D SILENT^TIUCWD(1632,11)

1. Using CPRS GUI, create a CWAD note. On the NOTES tab, select New Note button and select the CWAD note you setup in step #2. Once created, sign the note. You can accomplish this by choosing the Action menu and selecting Sign Note Now. You can also right click on the editable note field and select Sign Note Now. Below screen captures show the completed (signed) CWAD note and the Postings dialog (Seen by clicking on the Postings button in header bar.

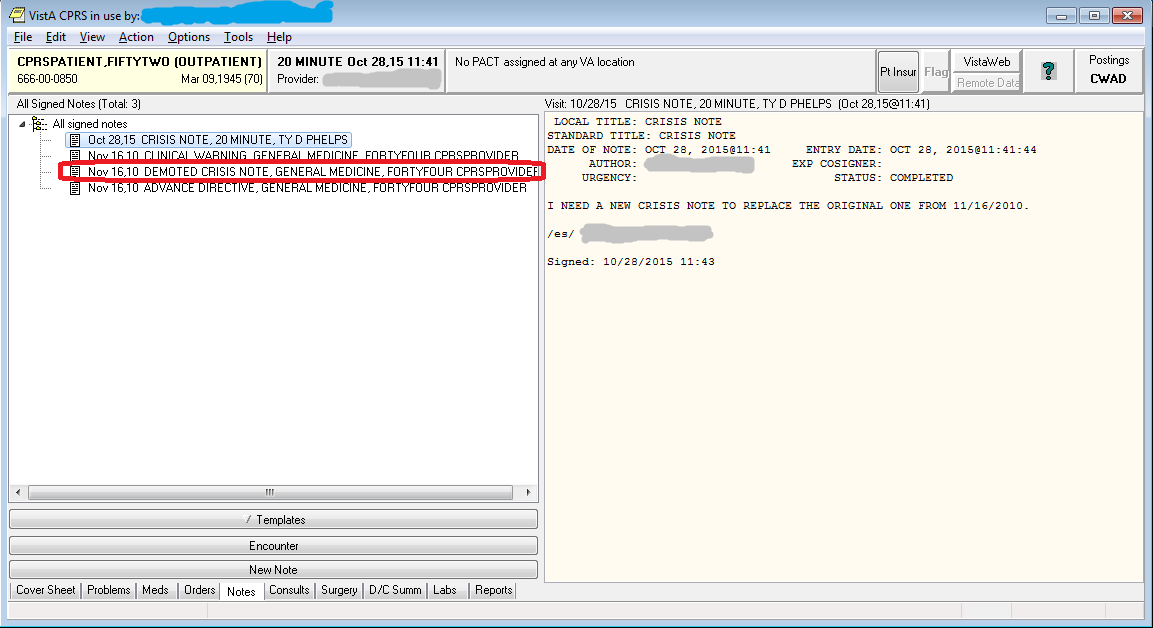
| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

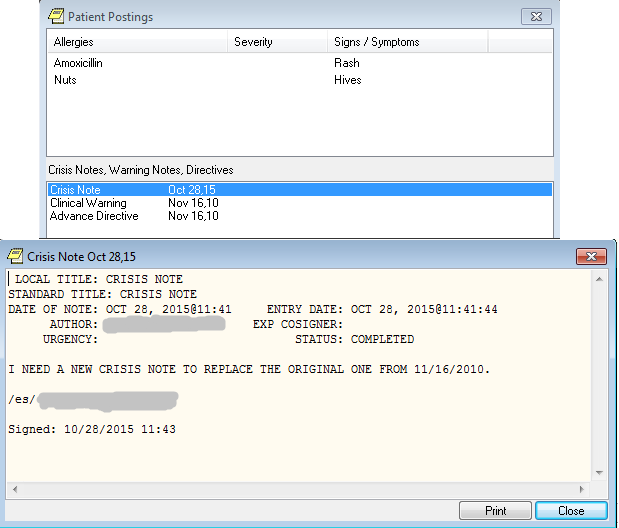




Notice the entry date has a date/time of NOV 16, 2010@07:59:32.

1. Now, create another New Note as in step #3 for the exact same CWAD note. After signing the new note, you’ll notice the new CWAD note (CRISIS NOTE in screen capture below) along with a new note used for the auto-demotion settings created in step #2. The first CWAD note no longer exists and has been changed to the note circled in Red in the capture below.



1. And, if we check the Postings dialog we will see the new CWAD note and the first one will not be seen.

You’ll notice the entry date time now reflects the date/time of the new (2nd) CWAD note.

### ~~Clinical Reminder Code Space Expansion (20060307)~~

#### ~~System Impact~~

* ~~CPRS GUI~~
* ~~M Side Code~~
* ~~HCPCS (verify)~~
* ~~PX Patient Care Encounter (PCE) Package~~
* ~~PXRM Clinical Reminders~~

#### ~~Use Case Actors~~

* ~~CPRS User~~
* ~~TBD~~

#### ~~User Story 5.1-A~~

~~As CPRS user, I want the ability to receive a new CPT Modifier prompt and/or a Procedure Provider prompt.~~

#### ~~User Story 5.1-B~~

~~As a CPRS user, I want to be able to use the new prompts for CPT type findings in the Reminder Dialog file.~~

#### ~~User Story 5.1-C~~

~~As a CPRS user, I want to be able to modify the broker call to pass the new prompt information for the dialog presented to the user.~~

#### ~~User Story 5.1-D~~

~~As a CPRS user, I want the CPRS GUI to be modified to accept selection of the CPT Modifier and Provider.~~

#### ~~User Story 5.1-E~~

~~As a CPRS user, I want the tools that send encounter data to PCE, to include the Reminder Dialog CPT Modifier and Procedure in the DATA2PCE call to appropriately create the V CPT entry.~~

#### ~~User Story 5.1-F~~

~~As a CPRS user, I want the Reminder Evaluation to only use the CPT Modifier, not the Procedure Provider.~~

**~~Acceptance Criteria~~**

* ~~The system shall enable users to create dialogs that allow clinicians to choose the correct dialog response or create forced value prompts that limit acceptable choices in the dialog.~~

#### ~~User Story 5.2~~

~~As a CPRS user, I want the system to provide the ability to prompt for a Diabetic Retinal Scan on an annual 12 month basis.~~

**~~Acceptance Criteria~~**

* ~~The system shall write a National Reminder for Diabetic Retinal Scan.~~

### Add Address of Performing Lab to Reports in CPRS Health Summary (20081206)

#### System Impact

* CPRS GUI (possible)
* M Side Code
* OR Orders Package
* LR Lab Service Package
* GMTS Health Summary Package

#### Reports Impacted

* CPRS Health Summary Report

#### Use Case Actors

* CPRS User
* VistA User

#### User Story 6.1

As a CPRS user, I want the facility’s address to display in the header of all Lab and other reports printed from the Health Summary in CPRS.

**Acceptance Criteria**

* The system shall print CPRS Health Summary reports with a header that includes the facility’s address.

#### User Story 6.2

As a CPRS user, I want the name(s) and address(es) of the individual performing Laboratory to display in the Health Summary in CPRS.

**Acceptance Criteria**

* The system shall display the name(s) and address(es) of the performing Laboratory on the CPRS Health Summary report.

#### User Story 6.3

As a CPRS user, I want the ability for facilities to change their address on future reports while maintaining the old address on historical reports.

**Acceptance Criteria**

* The system shall display the name and address of the performing Lab based on the date performed.

#### User Story 6.4

As a CPRS user, I want the ability for facilities to be able to easily correct the name and address of the performing Lab based on a specific date range.

**Acceptance Criteria**

* The system shall provide the ability to change/correct the displayed name and address of the performing Lab on historical reports.

### CPRS Day of the Week Med Schedule Change (20120802)

#### System Impact

* CPRS GUI (verify)
* M Side Code
* OR Orders Package

#### Use Case Actors

* CPRS User

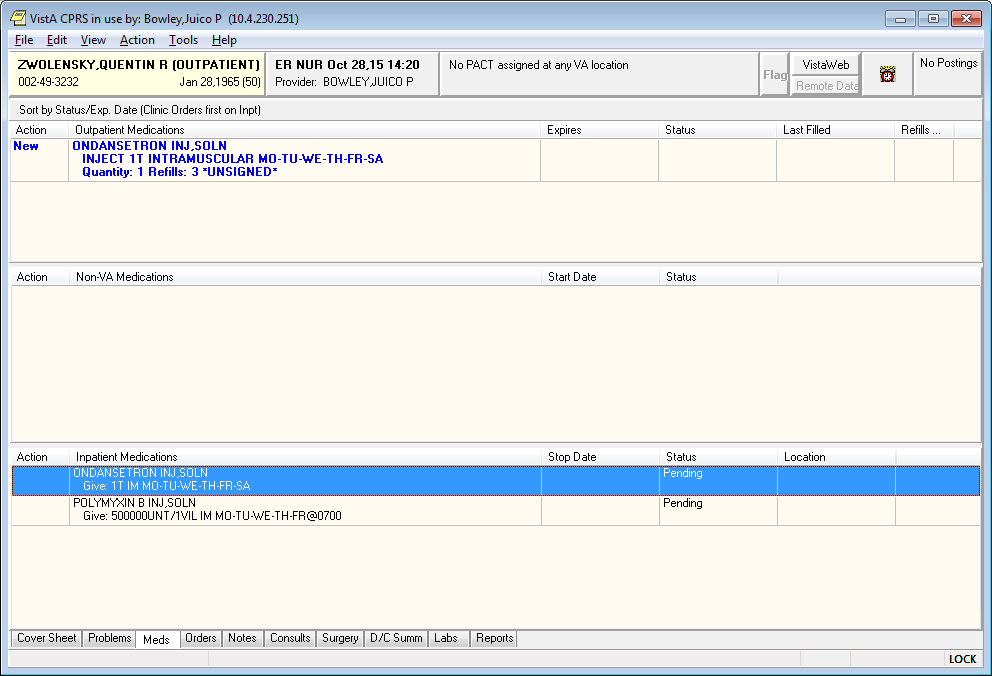
**User Story 7.1**

As a CPRS user, I want the system to always expand the abbreviation for the day of the week to the full name of the day when it appears on any day-of-the-week schedule on the Outpatient Prescription Order (entered in either CPRS or Outpatient pharmacy) when transferred from the Inpatient Medication Order.

#### Test Case 7.1

* 1. Navigate to patient
  2. Navigate to "Orders" tab
  3. Navigate to "Inpatient Meds"
  4. Select medication and click "Continue Order"

1. Select dosage, route, and schedule (with a day of week)
2. Click "Accept Order"
3. Right click on new order and select "Sign"
4. Enter Electronic Signature Code and select "Sign"
5. Navigate to "Meds" tab
6. Click on new Inpatient Medication order.
7. Click "Action"
8. Click "Transfer to Outpatient"
9. Select days’ supply, quantity, refills, and pick up option
10. Select "Accept Order"
11. Verify transfer to "Outpatient Medications"
12. Verify full name of the day displays



**User Story 7.2**

As a CPRS user, I want the system to always expand the abbreviation for the day of the week to the full name of the day when it appears on any day-of-the-week schedule on any Newly Entered Order for an Outpatient Prescription Order entered in either CPRS or Outpatient Pharmacy.

#### Test Case 7.2

* 1. Navigate to patient
  2. Navigate to "Orders" tab
  3. Navigate to "Outpatient Meds"
  4. Select medication and click "Continue Order"

1. Select dosage, route, and schedule (with a day of week)
2. Click "Accept Order"
3. Verify full name of the day displays.

**User Story 7.3**

As a CPRS user, I want the system to always expand the abbreviation for the day of the week to the full name of the day when it appears on any day-of-the-week schedule on any Renewal or Copy of an Outpatient Prescription Order entered in either CPRS or Outpatient Pharmacy.

#### Test Case 7.3

* 1. Navigate to patient
  2. Navigate to "Orders" tab
  3. Navigate to "Outpatient Meds"
  4. Select medication and click "Continue Order"

1. Select dosage, route, and schedule (with a day of week)
2. Click "Accept Order"
3. Right click on new order and select "Copy to New Order"
4. Select "OK"
5. Verify that copied order displays full name of day.
6. Right click on a previously released order.
7. Select "Renew"
8. Select "OK"
9. Verify that renewed order displays full name of day.

**User Story 7.4**

As a CPRS user, I want the system to always expand the abbreviation for the day of the week to the full name of the day when it appears on the day-of-the-week on the Discharge Instructions when generated from the Outpatient Prescription Order.

#### Test Case 7.4

1. Navigate to patient
2. Navigate to "D/C Summ" tab
3. Select "New Summary"
4. Chose a "Discharge Summary Title", "Attending Physician", and "Admission"
5. Select "OK"
6. Verify Day of week displays the full name of the day or days

**User Story 7.5**

As a CPRS user, I want the system to always expand the abbreviation for the day of the week to the full name of the day when it appears on the day-of-the-week schedule on the Prescription Bottle Label when generated from the Outpatient Prescription Order entered in either CPRS or Outpatient Pharmacy.

**Test Case 7.5**

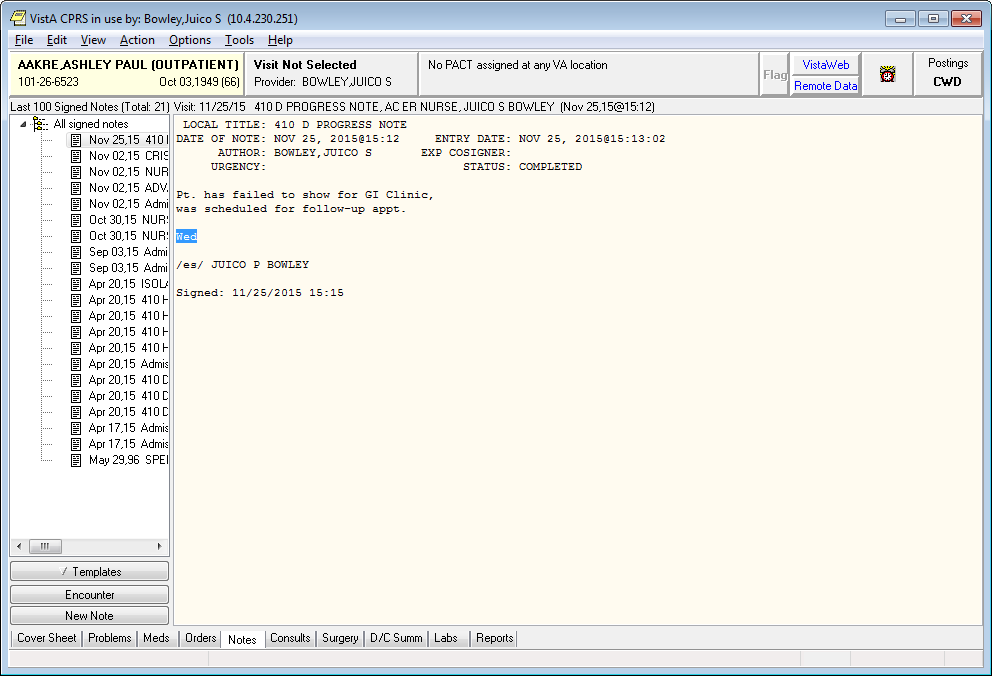
**User Story 7.6**

As a CPRS user, I want the system to always expand the abbreviation for the day of the week to the full name of the day when it appears on any day-of-the-week schedule generated from Text Integration Utility objects.

**Test Case 7.6**

* 1. Navigate to patient
  2. Navigate to "Notes" tab
  3. Navigate to "Templates"
  4. Select a template containing |DAY OF WEEK| object

1. Right click on template
2. Select "Preview/Print Template"
3. Verify Day of week displays the full name of the day or days



### Prevent Confusion over Status Display(20111006)

#### System Impact

* CPRS GUI (TBD)
* OR Orders Package
* PSJ Inpatient Medications Package
* PSO Outpatient Pharmacy Package
* PSS Pharmacy Data Management Package
* Other packages (TBD depending on how they change the statuses)

#### Use Case Actors

* CPRS User

#### User Story 8.1

As a CPRS user, I want to view one consistent label (Discontinue/Cancel) on the MEDS and ORDERS tabs.

#### User Story 8.2

As a CPRS user, I want to be presented with a warning describing the ramifications of unsigned orders on both the MEDS and ORDERS tabs.

Test Case 8.2

1. Navigate to a patient with unsigned orders.
2. On the Meds tab, ensure you have a warning describing the ramifications of unsigned orders.

#### User Story 8.3

As a CPRS user, I want to be presented with a consistent interface and common language (wherever applicable) when the system is describing available actions on the Action (menu bar) Menu and the shortcut (right-mouse-click) menus of the MEDS and ORDERS tabs.

#### User Story 8.4-A

As a CPRS user selecting a single order from the ORDERS or MEDS tab, if the selected order has a status of unsigned, I want the allowed action on either the Action (menu bar) Menu or the shortcut (right-mouse-click) menu to be described as “Cancel Unsigned Order” and not to be described as “Discontinue.”

Test Case 8.4-A

1. Navigate to a patient with an Unsigned Order.
2. In the Orders Tab, right-click on this Unsigned Order.
3. Ensure there is an option that reads “Cancel Unsigned Order” in the list after right-clicking the unsigned order.

| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

1. In the Med’s tab, right-click on this Unsigned Order.
2. Ensure there is an option that reads “Cancel Unsigned Order” in the list after right-clicking the unsigned order.

| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

#### User Story 8.4-B

As a CPRS user who has selected “Cancel Unsigned Order,” I want the header bar of the resulting pop-up window to display the title “Cancel Order.”

Test Case 8.4-B

1. Navigate to a Patient with an Unsigned Order.
2. In the Orders Tab, right-click on this Unsigned Order.
3. Click “Cancel Unsigned Order.”
4. Ensure the title of the resulting dialog box is “Cancel Order.”

#### User Story 8.5-A

As a CPRS user selecting a single order from the ORDERS or MEDS tab, if the selected order has any status other than unsigned, I want the allowed action on either the Action (menu bar) Menu or the shortcut (right-mouse-click) menu to be described as “Discontinue.”

Test case 8.5-A

1. Navigate to a Patient with a Signed Order.
2. In the Orders Tab, right-click on this Signed Order.
3. Ensure there is an option that reads “Discontinue” after right-clicking the signed order.

| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

1. In the Med’s Tab, right-click on this Unsigned Order.
2. Ensure there is an option that reads “Discontinue” in the list after right-clicking the signed order.

| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

#### User Story 8.5-B

As a CPRS user who has selected “Discontinue” for an order, I want the header bar of the resulting pop-up window to display the title “Discontinue Order.”

Test Case 8.5-B

1. Navigate to a Patient with a Signed Order
2. In the Orders Tab, right-click on the Signed Order.
3. Click “Discontinue”
4. In the resulting dialog box, ensure the Title is “Discontinue Order”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number. |
| --- | --- |

#### User Story 8.6-A

As a CPRS user selecting multiple orders from the ORDERS or MEDS tab, if all of the selected orders have a status of unsigned, I want the allowed action on either the Action (menu bar) Menu or the shortcut (right-mouse-click) menu to be described as “Cancel Unsigned Orders” and not to be described as “Discontinue.”

Test Case 8.6-A

1. Navigate to a patient with multiple Unsigned Orders.
2. In the Orders Tab select multiple unsigned orders.
3. Ensure via right-click, or using the Action menu (in the menu bar) there is an option “Cancel Unsigned Orders”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

.

1. In the Meds Tab select multiple unsigned orders.
2. Ensure via right-click, or using the Action menu (in the menu bar) there is an option “Cancel Unsigned Orders”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 8.6-B

As a CPRS user who has selected “Cancel Unsigned Orders,” I want the header bar of the resulting pop-up window to display the title “Cancel Orders.”

Test Case 8.6-B

1. Using the Patient from test case 8.6-A, on the orders tab, select multiple unsigned orders.
2. Right-click on one of the unsigned orders that are selected, and click “Cancel Unsigned Orders.”
3. Ensure the title of the resulting dialog box is “Cancel Orders”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 8.7-A

As a CPRS user selecting a multiple orders from the ORDERS or MEDS tab, if all of the selected orders have statuses other than unsigned, I want the allowed action on either the Action (menu bar) Menu or the shortcut (right-mouse-click) menu to be described as “Discontinue.”

Test Case 8.7-A

1. Navigate to a patient with multiple Signed Orders.
2. In the Orders Tab select multiple signed orders.
3. Ensure via right-click, or using the Action menu (in the menu bar) there is an option “Discontinue”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. In the Meds Tab select multiple signed orders.
2. Ensure via right-click, or using the Action menu (in the menu bar) there is an option “Discontinue”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 8.7-B

As a CPRS user who has selected “Discontinue” for multiple orders, I want the header bar of the resulting pop-up window to display the title “Discontinue Orders.”

Test Case 8.7-B

1. Using the Patient from test case 8.6-A, on the orders tab, select multiple unsigned orders.
2. Right-click on one of the unsigned orders that are selected, and click “Discontinue.”
3. Ensure the title of the resulting dialog box is “Discontinue Orders”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 8.8-A

As a CPRS user selecting a multiple orders from the ORDERS or MEDS tab, if the selected orders are a combination of signed and unsigned orders, I want the allowed action on either the Action (menu bar) Menu or the shortcut (right-mouse-click) menu to be described as “Discontinue/Cancel Orders.”

Test Case 8.8-A

1. Navigate to a patient with multiple signed and unsigned orders.
2. In the Orders Tab, select multiple signed and unsigned orders.
3. Ensure via right-click and the Action menu (In the menu bar) that there is an option “Discontinue/Cancel Orders”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. In the Meds Tab, select multiple signed and unsigned orders.
2. Ensure via right-click and the Action menu (in the menu bar) that there is an option “Discontinue/Cancel Orders.”

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

### Change in Unflagging Capabilities (20071103)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* PSJ Inpatient Medications Package
* PSO Outpatient Pharmacy Package
* Other packages (TBD) if they use “flagging”

#### Use Case Actors

* CPRS User

#### User Story 9.1

~~As a CPRS user, I want to be able to restrict the ability to perform the unflag action associated with an order (perhaps by employing the same functionality as that which limits the removal of an existing allergy).~~

As a CPSR user, I want the ability to perform the unflag action by “Display Groups”. Each display group would specify what key (ORELSE and/or OREMAS) can unflag orders.

**User Story 9.2**

~~As a CPRS user, I want to be able to allow a site to turn the unflag functionality on or off, as applicable~~.

As a CPRS user, I want to provide the ability for a site to disable unflagging restrictions.

**User Story 9.3**

As a CPRS user, I want to be able to implement the restriction and the site enable/disable parameters at the at the SYSTEM, DIVISION and USER levels. The parameters will be distributed with the PACKAGE level set.

**User Story 9.4**

As a CPRS user, I want to have the ability to provide a response back to the user indicating they are not allowed to perform the unflag action.

**Acceptance Criteria**

* The system shall allow for site-elected control over limiting the ability to perform the unflag action associated with an order in CPRS.

### CPRS Notification Alert Processing Improvement (20081008)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* Kernel Alerts

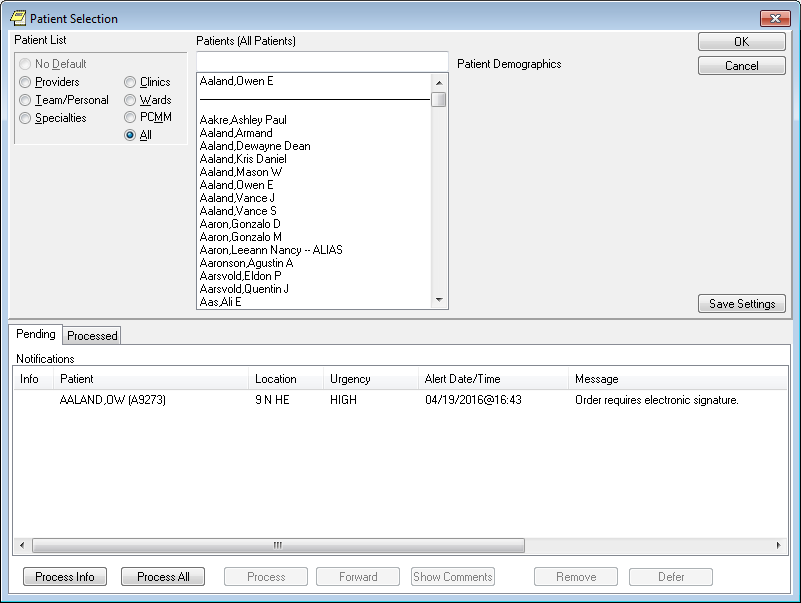
#### Use Case Actors

* CPRS User

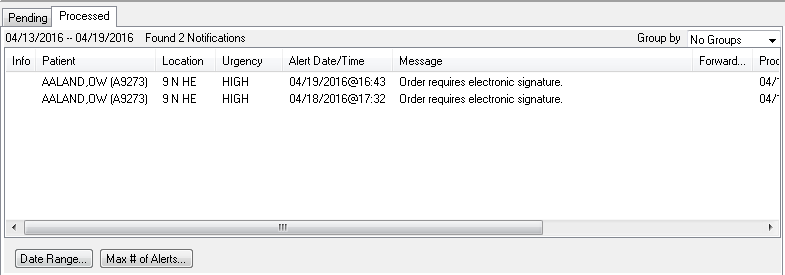
#### User Story 10.1

As a CPRS user, in CPRS GUI, I want to be able to review the most recently processed alert (action or information) within normal alert processing workflows.

1. Sign in
2. Click the “Processed” tab



1. Verify processed notification information within table



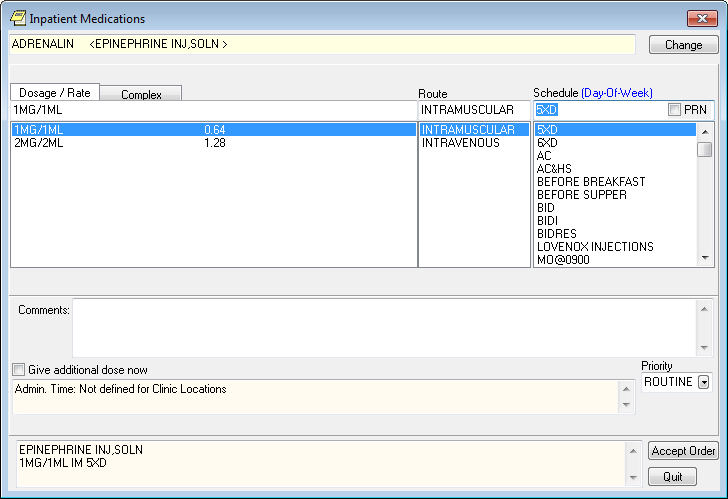
#### User Story 10.2

As a CPRS user, in CPRS GUI, I want to be able to view a group of alerts processed across multiple CPRS GUI sessions.

1. Sign in
2. Select a patient

Image redacted

1. Create an inpatient order



1. Close CPRS
2. Sign in under same credentials
3. Verify alerts are present in the “Pending” tab

Image Redacted

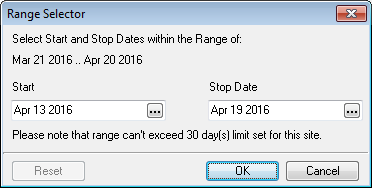
#### User Story 10.3

As a CPRS user, in CPRS GUI, I want to be able to set a date range (TBD) for viewing a group of alerts.

1. Sign in
2. Click “Processed” Tab
3. Click “Date Range” button

Image Redacted

1. Select desired date range
2. Click “OK”

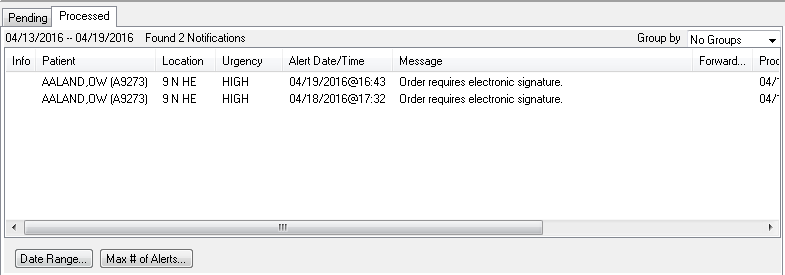


1. Verify alerts are viewed within date range

#### User Story 10.4

As a CPRS user, in CPRS GUI, I want to be able to view a group of processed alerts by alert type (action, information).

1. Sign in
2. Click “Processed” tab
3. Click “Group by” drop down arrow
4. Select desired metric to group by



1. Verify alerts are viewed by group

Image Redacted

#### User Story 10.5

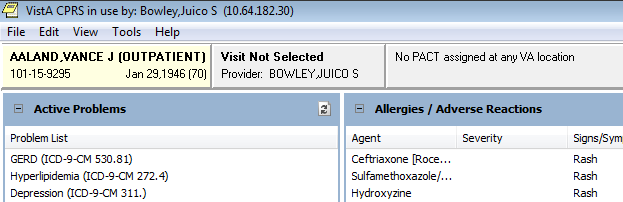
As a CPRS user, in CPRS GUI, I want to be able to view a pre-defined number of processed alerts.

1. Sign in
2. Click “Processed” tab
3. Click “Date Range” button
4. Verify that the start and stop dates default to one week
5. Click “Cancel” button
6. Click “Max # of Alerts” button
7. Verify value is pre-defined at 100

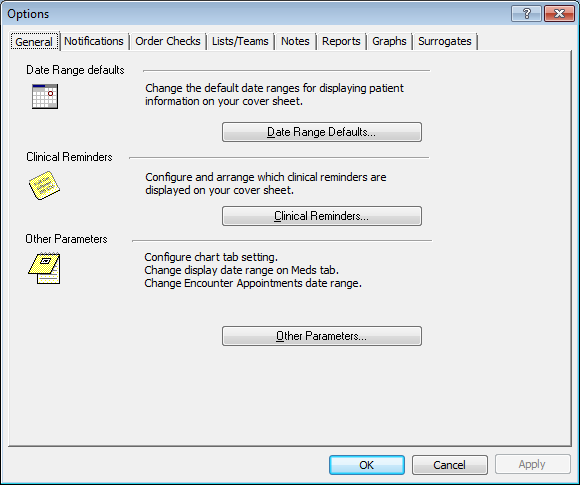
#### User Story 10.6

As a CPRS user, in CPRS GUI, I want processed alerts to be retained/accessible within a processed alerts view for a timeframe set at the system level, but should be adjustable by the user for those opting to override the system setting.

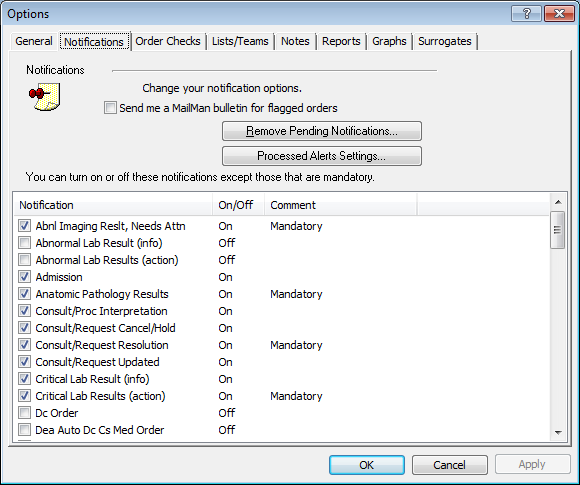
1. Sign in
2. Select a patient
3. Click on the “Tools” menu



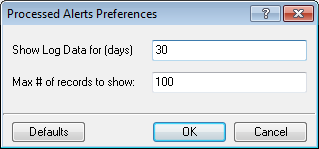
1. Click “Options”
2. Click “Notifications” tab



1. Click “Processed Alert Settings” button



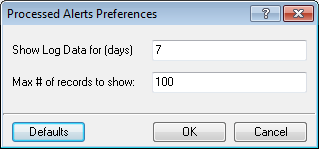
1. Input desired timeframe for “Show Log Data for(Days)”



#### User Story 10.6- A

As a CPRS user, in CPRS GUI, I want to provide the ability to set the default to 7 Days unless overridden by the user.

1. Sign in
2. Select a patient
3. Click on the “Tools” menu
4. Click “Options”
5. Click “Notifications” tab
6. Click “Processed Alert Settings” button
7. Click “Defaults” button
8. Verify default is set to 7 days.



#### User Story 10.6- B

As a CPRS user, in CPRS GUI, I want the ability to include the disclaimer on the date range selection explaining why the user is not allowed to override the purge date.

1. Sign in
2. Click “Processed” tab
3. Click “Date Range” button
4. Verify disclaimer statement

#### User Story 10.6- C

As a CPRS user, in CPRS GUI, I want to provide the ability to set the default to a maximum number of alerts returned.

1. Sign in
2. Click “Processed” tab
3. Click “Max # of Alerts” button
4. Set desired maximum number of alerts

#### User Story 10.7

As a CPRS user, in CPRS GUI, I want processed alerts to be moved to an area separate from pending notifications.

1. Sign in
2. Click on a pending alert
3. Click “Process Info”

Image Redacted

1. Click “Processed” tab
2. Verify that previous alert now appears within the table

#### User Story 10.8

As a CPRS user, I want the ability for original recipient to view alerts processed by surrogates within their own processed alerts pane.

1. Sign in
2. Select a patient
3. Create an inpatient order (Do Not Sign Order)
4. Click the “Tools” menu
5. Select “Options”
6. Select “Surrogates” tab
7. Assign a provider user account as the active surrogate
8. Sign in as the assigned surrogate provider
9. Select the pending notification previously created
10. Select “Process”
11. Sign the order
12. Open original provider account
13. Navigate to “Notifications” screen
14. Click “Processed” button
15. Verify that previous notification is now located within the table

#### User Story 10.9

As a CPRS user, I want to alerts processed by surrogates to be designated as processed by: surrogate [username] within the processed alerts view.

1. Sign in
2. Select a patient
3. Create an inpatient order (Do Not Sign Order)
4. Click the “Tools” menu
5. Select “Options”
6. Select “Surrogates” tab
7. Assign a provider user account as the active surrogate
8. Sign in as the assigned surrogate provider
9. Select the pending notification previously created
10. Select “Process”
11. Sign the order
12. Open original provider account
13. Navigate to “Notifications” screen
14. Click “Processed” button
15. Verify that previous notification is now located within the table
16. Verify that “Processed by” column lists the provider account that processed the notification

**Acceptance Criteria**

* The system, in CPRS GUI, shall allow users to be able to retrieve and/or view all processed alerts (information/action).

### Confirm Provider Selected with Similar Names (20110606)

#### System Impact

* CPRS GUI

#### Use Case Actors

* CPRS User

#### User Story 11.1

As a CPRS user selecting a Provider name from a selection list, I want to be presented with an additional selection window presenting Providers with similar names for additional selection.

**Acceptance Criteria**

* The “Similar Providers” window shall be patterned after the existing CPRS “Similar Patients” window and shall include columns for the display of Name (Last, First) and Position (New Person file, Person Class data element).
* The “Similar Providers” logic shall be applied when a provider name is selected in each of the following places in the CPRS GUI:
  + Provider & Location for Current Activities Window (all occurrences)
  + CPRS Patient Selection Window>Selection by Provider
  + Patient Selection Screen>Notifications Section>Forward Button
  + Notes Tab, Consults Tab, and Surgery Tab>Identify Additional Signers
  + Orders Tab>Action Menu>Alert When Results
  + Encounter Form (Notes tab>Encounter button)
  + Consults Tab>Add New Consult/Procedure>Attention field
  + Discharge Summary Tab>New Summary>Attending Physician field

Example of Similar Provider Prompt:

Imagbe Redacted

#### User Story 11.2

As a CPRS user selecting a Provider name from a selection list, I do not want the “Similar Providers” window to be displayed if I select my own name (the name of the logged on user) from the list.

#### User Story 11.3

As a CPRS user selecting a Provider name from a selection list, want the system to interpret two or more provider names having the same last name and at least the first 2 characters of the first name as “similar” names, initiating the display of a “Similar Providers” window and presenting the names that match the criteria for further selection.

| **TC ID CPRS32-11.3-A Pre-req and setup: User access to CPRS - Login with valid clinical user and rights to system Navigate to the module to select a provider Confirm or create data for active clinical Providers stored in the system with similar names > Provider will not be the same as the logged in user -A set of active clinical providers with similar names:  (it is critical to create user names that don't exist prior is the system to isolate the variables and not return names that already exist in the system)  \*note first name rule of at least two similar characters, does not have to be sequential order - not specified  Possible combinations: (use these or create own matrix) A - example Diddly, Dobi  1 - Provider names with same spelling last name, first name with ONLY one similar character e.g. Diddly, Dola  2 - Provider names with some same characters in last name, first name with at least two similar characters  (e.g. Neils, Neilson, Neilsen, Johns, Jons, Johnson, Johnsen) e.g. Didly, Dila  3 - Provider names with same characters in last name, first name with two similar characters e.g. Diddly, Doli  4 - Provider names with same characters in last name, first name with more than two similar characters e.g. Diddly, Bdio  Neg test 5> Provider names with same characters in last name, first name is missing e.g. Diddly, <>** |
| --- |
| **# From Patient List -Provider Select  Select A- Select Diddly, Dobi \* Provider List similar name window displays** step 1. From provider selection module, select provider A, of similar names(from setup) >Verify a similar names dialog pop up window to prompt user for selection >Verify the selection contains only similar names as listed: A - Diddly, Dobi 3 - Diddly, Doli 4 - Diddly, Bdio >Select any similar name from the list +Window displayed for selection of similar providers >Provider list selected provider displayed in the provider module  **Select 1- Select Diddly, Dola \* Similar last name, but first name less than two similar characters** step 2. From providers selection module, select provider 1 with same last name as A, first name ONLY one same character (from setup) >Verify a similar names dialog pop up window to prompt user for selection >Verify the selection contains only similar names as listed: 1 - Diddly, Dela 3 - Diddly, Doli >Select provider 2 name from the list +Window displayed for selection of similar providers >Provider list selected provider displayed in the provider module |
| **Select 2- Select Didly, Dola \* Some same characters in the last name, first name with two similar characters** step 3. From provider selection module, select the provider 2 with last name having ONLY SOME characters similar to other names, first name two characters same (from setup) >Verify a similar names dialog pop up window to prompt user for selection >Verify the selection contains only similar names as listed: 2 - Didly, Dila >Select any similar name from the list +Window displayed for selection of similar providers >Provider list selected provider displayed in the provider module **Select 3- Select Diddly, Doli \* Same last name, first name with two similar characters** step 4. From provider selection module, select provider 3 with same last name as A, first name with two same characters (from setup) >Verify a similar names dialog pop up window to prompt user for selection  >Verify the selection contains only similar names as listed: A - Diddly, Dobi 1 - Diddly, Dela 3 - Diddly, Doli 4 - Diddly, Bdio >Select any similar name from the list +Window displayed for selection of similar providers >Provider list selected provider displayed in the provider module |
| **# Repeat for - From CPRS Main - Provider Select** |
| **# Repeat for - From Consult Tab - Provider Select** |
| **# Repeat for - D/C Summary Tab - Provider Select** |
| **# Repeat for - Notes Tab, Visit Type - Provider Select** |
| **# Repeat for - Notes Tab, Properties - Provider Select** |
| **# Repeat for - Notes Tab, Encounter - Provider Select** |
| **# Repeat for - Patient List, Forward Alert - Provider Select** |
| **# Repeat for - Orders Tab, Alert when results - Provider Select** |
| **# Repeat for - Surgery Tab, Identify additional signers - Provider** |
| **# Repeat for - Consults Tab, Identify additional signers – Provider** |
| **# From Patient List -Provider Select  TC ID CPRS32-11.3-B #Similar Names window does NOT display by rules Pre-req and setup: User access to CPRS - Login with valid clinical user and rights to system Navigate to the module to select a provider Confirm or create data for active clinical Providers stored in the system with similar names > Provider will not be the same as the logged in user -A set of active clinical providers with similar names:  (it is critical to create user names that don't exist prior is the system to isolate the variables and to not return names that already exist in the system)  (note first name rule of at least two similar characters, does not have to be sequential order - not specified)  Possible combinations: (use these or create own matrix) A - example Middle, Mobi  1 - Provider names with same spelling last name, first name with ONLY one similar character e.g. Middle, Mela  2 - Provider names with some same characters in last name, first name with at least two similar characters  (e.g. Neils, Neilson, Neilsen, Johns, Jons, Johnson, Johnsen) e.g. MIddleton, Mila** |
| **Select A \* Similar last name, but first name less than two similar characters \* Some same characters in the last name, first name with two similar characters \* Provider List similar name window does NOT display** Step 1. From provider selection module, select provider A, of similar names (from setup) >Verify a similar names dialog does NOT display >Select the name A from the list A - Middle, Mobi + Similar Name dialog did NOT display >Provider list selected, provider displayed in the provider module |
| **# Repeat for - From CPRS Main - Provider Select** |
| **# Repeat for - From Consult Tab - Provider Select** |
| **# Repeat for - D/C Summary Tab - Provider Select** |
| **# Repeat for - Notes Tab, Visit Type - Provider Select** |
| **# Repeat for - Notes Tab, Properties - Provider Select** |
| **# Repeat for - Notes Tab, Encounter - Provider Select** |
| **# Repeat for - Patient List, Forward Alert - Provider Select** |
| **# Repeat for - Orders Tab, Alert when results - Provider Select** |
| **# Repeat for - Surgery Tab, Identify additional signers - Provider** |
| **# Repeat for - Consults Tab, Identify additional signers - Provider** |

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 11.4

As a CPRS user selecting a Provider name from a selection list, I want the list of Provider names available for selection from the “Similar Providers” window to be limited to matching names for active, clinical users (and to exclude visitors, students, and all other non-clinical users, including billing and administrative users).

| **# From Patient List -Provider Select  TC ID CPRS32-11.4-A Pre-req and setup: User access to CPRS - Login with valid clinical user and rights to system Navigate to the module to select a provider >A current list of all active provider types, clinical and non-clinical types in the system as designed >Similar named providers are defined as same spelling of last name and at least two characters of first name > Provider will not be the same as the logged in user Confirm or create data for active Providers stored in the system with similar names: > 1st set of active clinical provider with similar names will not be the same as the logged in user > 2st set of active non-clinical providers with similar names must include user types: - visitors, students, all other non-clinical user types - billing, administrative users and non-clinical user types > 3rd set of inactive clinical and non-clinical user with similar names  \*Inactive User - NO similar provider selection window** 1. From provider selection module, select inactive user types with similar names > Clinical user types > Non-clinical user types + Inactive users selected 2. Verify selection of inactive user types do NOT display a similar provider selection window + The selection did NOT display similar provider selection window  **\* Active Clinical users display similar provider selection window** 3. From provider selection module, select active clinical user types with similar names + Active clinical user types selected 4. Verify the selection displayed similar provider selection window + The selection displayed similar provider selection window |
| --- |
| **\* Active non-clinical users do NOT display similar provider selection window** 5. From provider selection module, select and active non-clinical user type with similar names + Active non-clinical user selected 6. Verify the selection does NOT display similar provider selection window + The selection did NOT display similar provider selection window |
| **# Repeat for - From CPRS Main - Provider Select** |
| **# Repeat for - From Consult Tab - Provider Select** |
| **# Repeat for - D/C Summary Tab - Provider Select** |
| **# Repeat for - Notes Tab, Visit Type - Provider Select** |
| **# Repeat for - Notes Tab, Properties - Provider Select** |
| **# Repeat for - Notes Tab, Encounter - Provider Select** |
| **# Repeat for - Patient List, Forward Alert - Provider Select** |
| **# Repeat for - Orders Tab, Alert when results - Provider Select** |
| **# Repeat for - Surgery Tab, Identify additional signers - Provider** |
| **# Repeat for - Consults Tab, Identify additional signers - Provider** |

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

### Identify Required Fields in Text Integration Utility (TIU) Note

### Templates and Notify User of Missing Required Fields (20100706)

#### System Impact

* CPRS GUI
* M Side Code
* TIU Text Integration Utility

#### Use Case Actors

* CPRS User

#### User Story 12.1

As a CPRS user entering a Note based on the TIU Note Template, I want the TIU Note Template design to ensure visual identification of all fields that are required in the Note prior to sign-off.

#### User Story 12.2

The system shall provide the ability for the user to view (e.g. by highlight plus asterisk) fields that must be completed prior to sign-off.

**Test Case 12.2**

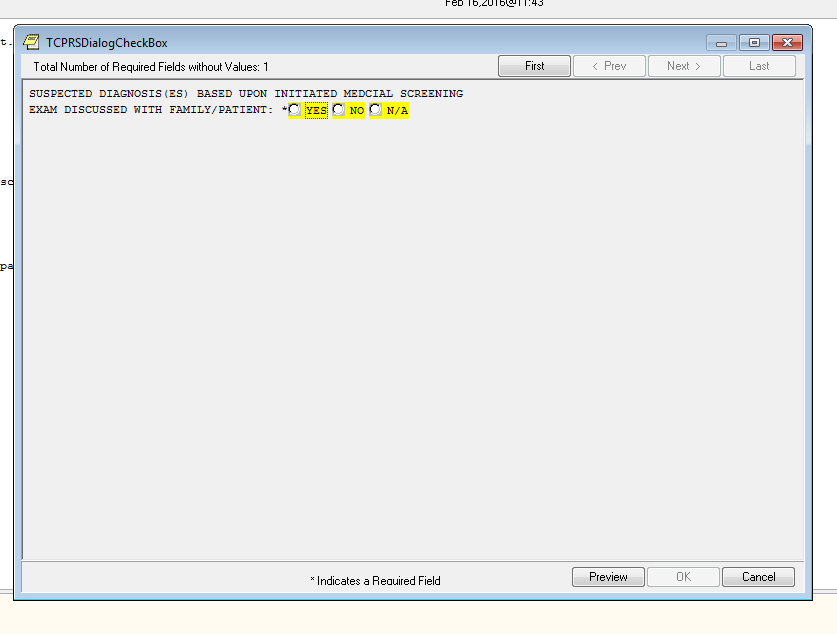
1. Log on to CPRS and Select a Patient.
2. Navigate to the “Notes” tab.
3. On the “Notes” tab, you will see a button on the left hand side titled “/ Templates”. Click on this button.
4. Under Templates, select a template which has required fields to be populated. (One of these templates used in SQA was “Suspected dx”. To Navigate to this Template: / Templates -> Shared Templates -> ER Physician ONLY: 1010M SHEETS (Complete) -> ER AMA Discharge Note -> Comprehesion. When you reach this step, you should be able to see the “suspected dx” note template.
5. Double Click on the “suspected dx” note template to open it.
6. When the template is opened, you will notice the Yellow Highlight and \* labeling the required field, along with the “Total Required Fields without Value: 1” (View the screenshot after step 8 for reference.)

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. When the field is not selected/populated, ensure you cannot click “OK”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. When the field is selected/populated, ensure “OK” is no longer greyed out and can be selected.



| Pass/Fail Notes / If fail, please enter the issue tracker number |
| --- |

#### User Story 12.3

The system shall provide the ability for the user to navigate to missed required dialog fields using Navigation buttons and Short-Cut Keys.

**Test Case 12.3**

1. Using the note template from test Case 12.2, navigate through the required fields using short-cut keys and navigation buttons.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

User Story 12.4As a CPRS User entering a Note based on the TIU Note Template, I want the system to provide the ability to indicate to the user that fields must be completed prior to sign off (e.g. required field counter, OK button disabled.) **(This User Story is demonstrated in test case 12.2.)**

Adverse Reaction Reporting File Modification (20120404)

#### System Impact

* M Side Code
* GMRA Adverse Reaction Tracking Package
* OR Orders Package

#### Files Impacted

* Adverse Reaction Reporting File (verify)

#### Use Case Actors

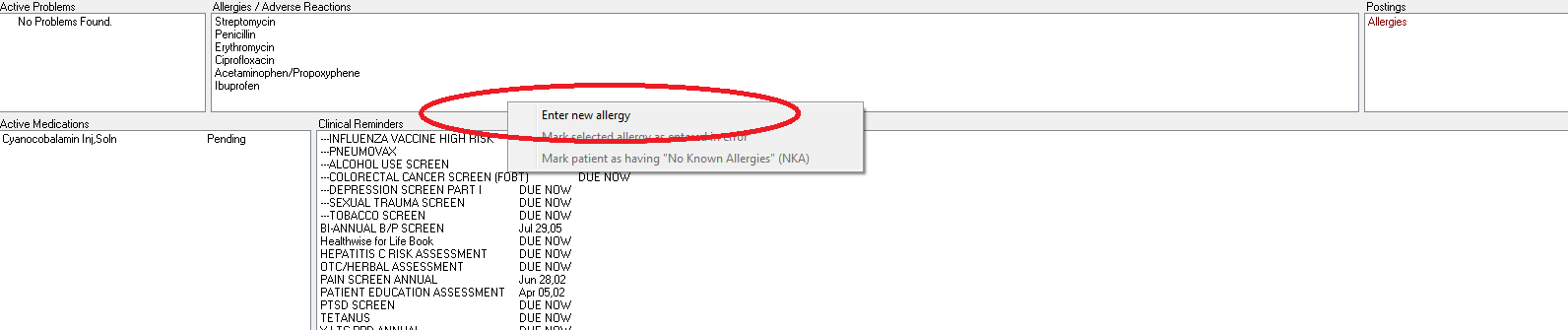
* CPRS User

#### User Story 13.1

As a CPRS user entering an **historical** allergy/adverse drug reaction, I want the system to require at least one sign/symptom of the adverse reaction to be selected from the list OR enter a comment of at least four(4) characters and to display an error message if at least one sign/symptom is not selected OR a comment of four characters is not supplied..

**Test case 13.1-A**

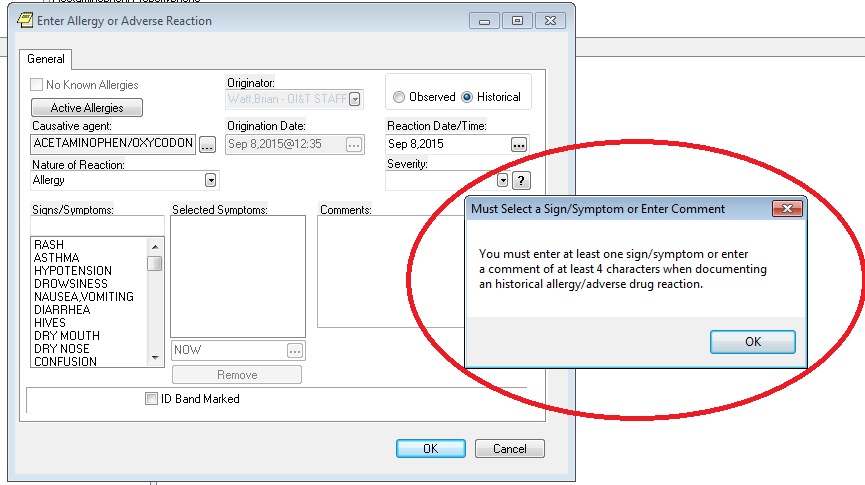
* 1. Begin the process of entering a new allergy for a patient. (Cover Sheet -> Right Click Allergy Window -> Enter new Allergy.)



* 1. Enter a Historical Allergy for a drug of your choice. Do NOT Enter a Symptom or a comment of four characters or more.

1. Click OK.
2. Ensure that an error appears, notifying you that you cannot enter this allergy without a Symptom or a comment of at least four characters and the allergy is not entered.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |



#### Test Case 13.1-B

1. Begin the process of entering a new allergy for a patient. (Cover Sheet -> Right Click Allergy Window -> Enter new Allergy.)
2. Enter a Historical Allergy for a drug of your choice. Do Enter a Symptom, but DO NOT enter a comment of four or more characters.
3. Click OK.
4. Ensure that the allergy is entered with no errors.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### Test Case 13.1-C

1. Begin the process of entering a new allergy for a patient. (Cover Sheet -> Right Click Allergy Window -> Enter new Allergy.)
2. Enter a Historical Allergy for a drug of your choice. Do Enter a Symptom, but DO NOT enter a comment of four or more characters.
3. Click OK.
4. Ensure that the allergy is entered with no errors.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

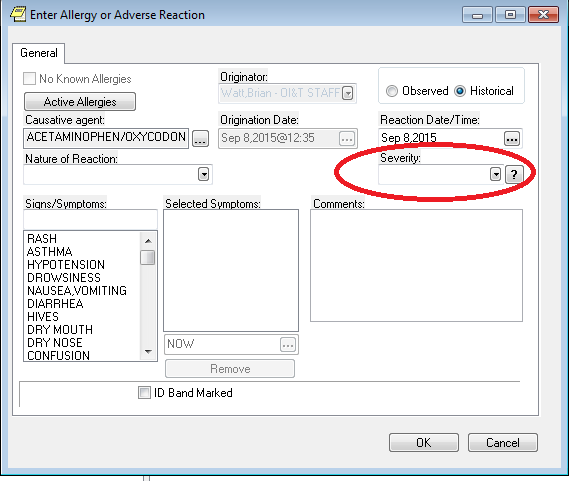
#### User Story 13.2

As a CPRS user entering an **historical** allergy/adverse drug reaction, I want the option (but not the requirement) to enter the Severity of the reaction.

**Test Case 13.2**

1. Begin the process of entering a new allergy for a patient. (Cover Sheet -> Right Click Allergy Window -> Enter new Allergy.)
2. Enter a Historical Allergy for a drug of your choice.
3. Verify that you have the option to enter a severity for the allergy.
4. Enter a severity.
5. Add a Symptom or a comment (comment needs to be four or more characters.)
6. Click OK, and ensure the allergy is entered with no errors.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |



### Park-A-Prescription (20090509)

#### System Impact

* + CPRS GUI
  + M Side Code
  + OR Orders Package
  + PSO Outpatient Pharmacy Package
  + TIU Text Integration Utility

#### Use Case Actors

* + Pharmacist
  + Nurse acting in role of pharmacist
  + Other User (TBD)

**NOTE: All Test Cases are to be performed using Outpatient Med Orders when applicable.**

#### CPRS User Stories

#### User Story 15.1

As an authorized CPRS user, I want to be able to use an Outpatient Pharmacy site parameter to enable or disable “Park” functionality by Division. I want the Park functionality to be enabled only when the site parameter for BOTH the division of the logged-on user AND the division of the encounter are enabled.

Perquisite for enabling the “Park” radio button:

Division parameter (for your logged in and encounter division) must be set to park.

Medication must not be on the DEA list

To enable/disable the parameter, look to test case 15.10.

#### User Story 15.1-A

As a CPRS user, I want the CPRS application to always display an “error message” if the “Park”routing option is selected for any medication that is identified (by a “D” indicator in VistA Pharmacy) as having a DEA classification that requires special handling. See related User Story 15-24.

Steps

1. Ensure “park” is enabled.
2. Select patient FROM PATIENT LIST
3. Click Orders tab located at bottom of page
4. Select a medicine that is identified by a “D” indicator in VistA pharmacy as having a DEA classification that require special handling. Under outpatient medication Menu.
5. For Visit Location, enter a divison that is Park enabled.”. Enter all of the required fields/boxes.

Expected Results :

The medication should not be parkable. (Error Message)

#### User Story 15.2

As a CPRS user, I want the CPRS application to offer a routing of “Park,” whose selection will result in a prescription that can be finished by the Pharmacy but not be dispensed until the patient requests dispensation (when the relevant site parameter is set to “enable” park functionality).

Prerequisite:

The division parameter must be set to allow for “park”

Medication must not be on the DEA list

Steps

1. Select patient FROM PATIENT LIST
2. Click Orders tab located at bottom of page
3. Select “Out Patient Meds” Under medication Menu.
4. For Visit Location, enter a division that is Park enabled.”. For Date/Time enter “NOW”, Press “Okay”
5. Select a medication not on the DEA list From the Outpatient Medicine list

Expected Results :

The “ Park” Option will be enabled

#### User Story 15.2-A

As a CPRS user, I want to be able to select a pickup routing of “Park” when placing a new medication order.

Prerequisite:

Outpatient Pharmacy parameter must be set to allow for “park”

Division Must be Park Enabled

Medication must not be on the DEA list

Steps

1. Click Orders tab located at bottom of page.
2. Right click on existing orders.
3. Select “Change.

Expected Results :

The Out Patient window will open with the “park” radio button enabled

#### User Story 15.2-B

As a CPRS user, I want to be able to select a pickup routing of “Park” when changing a signed or unsigned medication order.Steps

1. Click Orders tab located at bottom of page
2. Right click on existing signed order, Select “Change.

Expected Results :

The Out Patient window will open with the “park” radio button enabled

Repeat step 2 with an unsigned order

#### User Story 15.2-C

As a CPRS user, I want to be able to select a pickup routing of “Park” when changing an active medication order that will result in a new order.

Steps

1. Click Orders tab located at bottom of page
2. Locate an “Active” order.
3. Right click on existing orders, Select “Change.

Expected Results :

The Out Patient window will open with the “park” radio button enabled

#### User Story 15.2-D

As a CPRS user, I want to be able to select a pickup routing of “Park” when renewing a medication order.

Steps

* 1. Click Orders tab located at bottom of page
  2. Locate an “Active” order.
  3. Right click on existing orders, Select “Renew”.

Expected Results :

The Out Patient window will open with the “park” radio button enabled

#### User Story 15.2-E

As a CPRS user, I want to be able to select a pickup routing of “Park” when copying a medication order that will result in a new order.

Steps

* 1. Click Orders tab located at bottom of page
  2. Locate an “Active” order.
  3. Right click on existing orders, Select “Copy”.

Expected Results :

The Out Patient window will open with the “park” radio button enabled

#### User Story 15.3

As a CPRS user, I want the CPRS application to support an *emulated* status of “Active/Park” for a finished prescription (to sequentially follow the status of “Pending) when a designated field indicates the selection of “Park” as the pickup routing option. Although the actual internal status of the medication order will be “Active,” I want the status to be displayed as “Active/Park.”

#### User Story 15.3-A

As a CPRS user, I want the new emulated status of “Active/Park” to be displayed on the MEDS tab when applicable.

Test Case 15.3-A

1. Emulate the status of “Active/Park”
2. Navigate to the MEDS tab.
3. On the MEDS tab, ensure the emulated status of “Active/Park” is displayed.

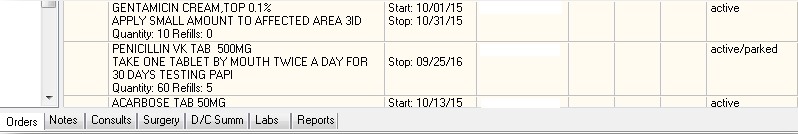


#### User Story 15.3-B

As a CPRS user, I want the new emulated status of “Active/Park” to be displayed on the ORDERS tab when applicable.

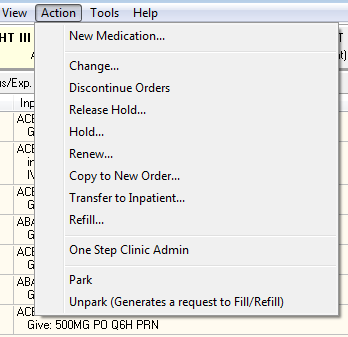
Test Case 15.3-B

1. Emulate the status of “Active/Park”
2. Navigate to the ORDERS tab.
3. On the ORDERS tab, ensure the emulated status of “Active/Park” is displayed.



#### User Story 15.4

As a CPRS user, I want the additional options of “Park” and “Unpark-Generates a Request to Fill/Refill” to be presented in the drop-down Action menu on the toolbar. Test Case 15.4

1. Start creating an order. In the Action drop-down menu on the toolbar, ensure “Park” is available and “Unpark-Generates a Request to Fill/Refill” option is available as well.
2. .

#### User Story 15.4-A

As a CPRS user, I want the “Unpark-Generates a Request to Fill/Refill” option to be shown only when a current medication order has an emulated status of “Active/Park.”

Test Case 15.4

1. Start creating an order. In the Action drop-down menu on the toolbar, ensure “Park” is available and that “Unpark-Generates a Request to Fill/Refill” is not available.
2. Select “Park”
3. Ensure that “Unpark-Generates a Request to Fill/Refill is now available.

#### User Story 15.5

As a CPRS user, when I “Unpark” a medication order, I want the fill to be put in “Suspense” by Outpatient Pharmacy with the current date or the original fill date (if in the future).

Test Case 15.5

Pre-requisite: Have an Outpatient Order that is “Parked.”

* 1. On CPRS, Unpark a Parked outpatient medication order.
  2. Ensure that the order is put into “Suspense.”

#### User Story 15.6

As a CPRS user, I want the definition of a medication order’s status to be displayed when the pointer hovers over the status of a medication order on the CPRS MEDS tab. I want the definitions to be displayed according to requirements 2.6.15.5.1 through 2.6.15.5.9 in the CPRS v32 Requirements Specification Document and Requirements Traceability Matrix.

Definitions: Active, Active/Suspended, Active/Park, Pending, Non-verified, Expired, Hold, Discontinued, Discontinued (Edit)

* 1. Create orders to satisfy the definitions above.
  2. Find these orders in the MEDS tab.
  3. Hover over these orders, and ensure these definitions are displayed.

#### User Story 15.7

As a CPRS user, I want the definition of a medication order’s status to be displayed when the pointer hovers over the status column on the CPRS ORDERS tab. I want the definitions to be displayed according to requirements 2.6.15.5.10 through 2.6.15.5.12 in the CPRS v32 Requirements Specification Document and Requirements Traceability Matrix.

Definitions: Unreleased, Cancelled, Renewed,

* 1. Create orders to satisfy the definitions above.
  2. Find these orders in the MEDS tab.
  3. Hover over these orders, and ensure these definitions are displayed.

#### User Story 15.8

As a CPRS user, I want to be able to perform any activity that can currently be performed on an “Active” medication order on an “Active/Park” medication order.

Test Case 15.8

1. Create an Order with a status of “Active”
2. Create another Order with a status of “Active/Park”
3. Use these records for the 15.8 section of test cases.

#### User Story 15.8-A

As a CPRS user, I want to be able to perform the “List details of the medication order” activity on an “Active/Park” medication order with the result that the medication order shall remain “Parked.”

Test Case 15.8-A

1. Using the orders from the test case above, compare the available actions of the two orders
2. Ensure that for both orders, the “List Details of the medication order” activity is available.

#### User Story 15.8-B

As a CPRS user, I want to be able to perform the “Change” activity on an “Active/Park” medication order with the result that, at the conclusion of the change, the user shall be presented with the options of “Mail,” “Window,” and “Park—except when the medication order includes a medication that is identified (by a “D” indicator in VistA Pharmacy) as having a DEA classification that requires special handling in which the “Park” option shall not be selectable and an “error message” will be displayed. See related User Stories 15-24 and 15-1-A.

#### User Story 15.8-C

As a CPRS user, I want to be able to perform the “Discontinue/Cancel” activity on an “Active/Park” medication order with the result that the medication order shall automatically be “Unparked.”

Test Case 15.8-C

1. Ensure the Discontinue/Cancel Activity is available on the “Active/Park” med order.
2. Discontinue/Cancel the Med Order that has the “Active/Park” status.
3. The status for this Med Order should now be “Unparked”

#### User Story 15.8-D

As a CPRS user, I want to be able to perform the “Refill” activity on an “Active/Park” medication order with the result that the medication order shall automatically be “Unparked.”

Test Case 15.8-D

1. Ensure that the “Refill” Activity is available to be performed on an “Active/Park” medication order.
2. Perform the “Refill” Activity on an “Active/Park” medication order.
3. Verify that the”Active/Park” order is now “Unparked.”

#### User Story 15.8-E

As a CPRS user, I want to be able to perform the “Transfer to Inpatient” activity on an “Active/Park” medication order with the result that the medication order shall remain “Parked.”

Test 15.8-E

1. Ensure that the “Transfer to Inpatient” Activity is available to be performed on an “Active/Park” medication order.
2. Perform the “Transfer to Inpatient” activity on an “Active/Park” medication order.
3. Verify that the result is the medication order remains “Parked.”

#### User Story 15.9

As a consumer of CPRS reports, I want any report that currently shows “Active” medication orders to also show any parked medication orders as “Active/Park.”

Test Case 15.9

1. Go the reports tab.

2. View the reports which show “Active” medication orders.

* 1. Ensure on each of these reports, a parked medication appears as “Active/Park.”

#### User Story 15.10

As an authorized CPRS user, I want to be able to use a site parameter to set the default pickup routing for new medications as one of “Mail,” “Window,” or “Park.” In addition, I want the site parameter for default pickup routing to be applied when 1) placing a new medication order, 2) changing an active medication order that will result in a new order, 3) copying a medication order that will result I a new order, and 4) renewing a medication order. This parameter is set by division.

Site Parameter Enter/Edit function (PSO SITE) in Outpatient Pharmacy:

elect OPTION NAME: PSO SITE PARAMETERS       Site Parameter Enter/Edit

Site Parameter Enter/Edit

Outpatient Pharmacy software - Version 7.0

Division:    ALBANY  500

          You are logged on under the ALBANY division.

Select PROFILE PRINTER: HOME//   TELNET PORT    Right Margin: 80//

Select LABEL PRINTER: HOME//   TELNET PORT    Right Margin: 80//

OK to assume label alignment is correct? YES//

Bingo Board Display: OUTPATIENT//

Select SITE NAME:    ALBANY  500

Would you like to see all site parameters for this division? Y// NO

NAME: ALBANY//

MAILING FRANK STREET ADDRESS: 114 HOLLAND AVE//

AREA CODE: 518//

PHONE NUMBER: 472-4307//

MAILING FRANK ZIP+4 CODE: 12208//

SITE NUMBER: 500//

NCPDP NUMBER:

MAILING FRANK CITY: ALBANY//

MAILING FRANK STATE: NEW YORK//

MAILING COMMENTS:

INACTIVE DATE:

PARK FUNCTION?: YES//

HOLD FUNCTION?: NO//

#### User Story 15.11

As a CPRS user, I want the current Order Check functionality to be applied to any “Active/Park” medication order.

Test Case 15.11

* 1. In CPRS, start creating an outpatient medication order.
  2. Fill out the required options, and make sure the pickup routing is set to “Park”
  3. While finishing and completing the order, ensure that order checks are performed.

#### Outpatient Pharmacy User Stories

#### User Story 15.12

As an authorized VistA Pharmacy user, I want to be able to use an Outpatient Pharmacy site parameter to enable or disable “Park” functionality by Division. I want the Park functionality to be enabled only when the site parameter for BOTH the division of the logged-on user AND the division of the encounter are enabled.

Reference Test Case 15.10 on how to enable/disable.

#### User Story 15.13

As a VistA Pharmacy user, I want the Outpatient Pharmacy application to offer a routing of “Park,” whose selection will result in a prescription that may be finished but will not be dispensed until the patient requests dispensation (when the relevant site parameter is set to “enable” park functionality).

Test Case 15.13

* 1. In Pharmacy, start ordering a new prescription.
  2. Set the routing to “Park”.
  3. Finish the prescription.
  4. Ensure that the prescription is not yet dispensed.
  5. Request Dispensation.
  6. Ensure that the prescription is now dispensed.

#### User Story 15.13-A

As a VistA Pharmacy user, I want to be able to select a pickup routing of “Park” when finishing a new medication order.

Test Case 15.13-A

1. In Pharmacy, start creating a new medication order.
2. In Pharmacy, begin the process of finishing the medication order.
3. For pickup routing, ensure you can select “Park.”
4. Ensure you can finish the order with the “Park” pickup routing option.

#### User Story 15.13-B

As a VistA Pharmacy user, I want to be able to select a pickup routing of “Park” when renewing a prescription.

Test Case 15.13-B

1. In Pharmacy, start renewing a prescription.
2. While finishing the renewal, ensure that the pickup routing of “Park” is available.

#### User Story 15.13-C

As a VistA Pharmacy user, I want to be able to select a pickup routing of “Park” when copying a prescription.

Test Case 15.13-C

1. In pharmacy, start copying a prescription.
2. While finishing the copy, ensure that a pickup routing of “Park” is available.

#### User Story 15.13-D

As a VistA Pharmacy user, I want to be able to select a pickup routing of “Park” when entering a new prescription.

Test Case 15.13-D

1. In pharmacy, start creating a new prescription.
2. Start finishing the new prescription.
3. Ensure there is a pickup routing of “Park” when entering a new prescription.

#### User Story 15.14

As a VistA Pharmacy user, I want the Outpatient Pharmacy application to support an *emulated* status of “Active/Park” for a finished prescription (to sequentially follow the status of “Pending”) when a designated field indicates the selection of “Park” as the pickup routing option. Although the actual internal status of the medication order will be “Active,” I want the status to be displayed as “Active/Park” on the VistA Medication Profile. I want the “ST” column on the Outpatient Pharmacy side to show “AP” for a prescription that has an emulated status of “Active/Park.”

Test Case 15.14

1. In Pharmacy, finish a “pending” outpatient medication order that has a pickup routing option of “Park.”.
2. Navigate to this patient’s VistA Medication Profile.
3. For the order that has been “Parked” ensure that there is an “AP” to show that the status of this order is “Active/Park”

#### User Story 15.15

As a VistA Pharmacy user, I want the application to include a “hidden” option to “Park” or “Unpark” a prescription, patterned after the current functionality for Hold/Unhold.

#### User Story 15.15-A

As a VistA Pharmacy user, I want the “Unpark” option to be available only when a prescription has an emulated status of “Active/Park.”

Test Case 15.15-A

1. In Pharmacy, locate a patient with both an “Active” order and an order that is “Active/Park”
2. View the “Active” order. Ensure there is no option to “Unpark”.
3. Now view the “Active/Park” option. Ensure there is an option to “Unpark.”

#### User Story 15.16

As a VistA Pharmacy user, I want the application to remove any prescription that is “Parked” from suspense file.

Test Case 15.16

1. In Pharmacy, navigate to a patient with a “Parked” order.
2. Ensure that this order is not in the suspense file.

#### User Story 15.16-A

As a VistA Pharmacy user, I want the application to require that a prescription be “Unparked” before any suspense-related activities can be performed.

Test Case 15.16-A

1. Using the order from the previous test case, “Unpark” the order.
2. Verify that suspense-related activities can be performed.

#### User Story 15.16-B

As a VistA Pharmacy user, I want the application to allow a prescription with a status of “Active/Park” to be “Unparked” and placed in suspense file if a mail-in bar coded refill request slip is received for that prescription.

Test Case 15.16-B

* 1. In pharmacy, find a “Parked” prescription.
  2. Using a mail-in bar coded refill request slip, unpark said prescription.
  3. Verify that the ordered is suspended.

#### User Story 15.17

As a Pharmacist, I want the VistA Pharmacy application to immediately present the fill options of “Window” and “Mail” when a prescription is being “Unparked.”

Test Case 15.17

1. In pharmacy, “Unpark” a “Parked” prescription.
2. Ensure that the fill options of “Window” and “Mail” are immediately presented.

#### User Story 15.17-A

As a Pharmacist, I want the VistA Pharmacy application to display either the current fill date or the original fill date (if in the future) when a prescription is being “Unparked.”

Test Case 15.17-A

1. In pharmacy, “unpark” a prescription.
2. Ensure that the fill date (if it is in the future) is displayed.

#### User Story 15.18

As a VistA Pharmacy user, I want the application to allow any activity that can be performed on an “Active” prescription to also be performed on an “Active/Park” prescription, including:

* Copy
* Delete a Prescription
* Discontinue on Date of Death Entry (automatically “Unpark’)
* Discontinue (automatically “Unpark”)
* Edit
* Edit Routing (automatically “Unpark”)
* Hold/Unhold
  + Hold to retain “Active/Park” status
  + Unhold to prompt user whether to “Unpark”
* Refill (automatically “Unpark”)
* Renew
* Request Co-Pay Status/Cancel Charges
* Return Medication to Stock
* View Prescription

#### Test Case 15.18

1. In pharmacy, navigate to a patient with an “Active/Park” status.
2. Verify that the order can have each of the activities listed above performed to this order.
3. “Unpark” this order.
4. Ensure that you can NOT have each of the activities listed above performed to this order. (You will receive a message stating “Invalid Action—Prescription must be in ‘Active’ status to perform this action.”

#### User Story 15.19

As a VistA Pharmacy user, I want the application to prevent the following activities from being performed on an “Active/Park” prescription; instead requiring that the prescription first be “Unparked.”

* Reprint
* Partial

#### Test Case 15.19

1. In Pharmacy, navigate to a patient with a “Active/Park” order.
2. Verify that the activities above cannot be performed.
3. Unpark the order.
4. Verify that the activities above CAN be performed.

#### User Story 15.19-A

As a VistA Pharmacy user, I want the following message to display if one of the activities listed in User Story 15.19 is attempted while a prescription has a status of “Active/Park.”

“Invalid Action—Prescription must be in ‘Active’ status to perform this action.”

#### User Story 15.20

As a consumer of VistA Pharmacy reports, I want all prescriptions with a status of “Active/Park” to be included (along with prescriptions having an “Active” status) on each of the reports identified in requirement 2.6.15.21 and 2.6.15.22 in the CPRS v32 Requirements Specification Document and Requirements Traceability Matrix.

User access to CPRS - Login with valid clinical user and rights to system. Navigate to the RX module, for a patient. Identify Rx classification for "Active/Parked". In the Rx module, create orders for a patient with Rx status "Activity/Park"

Steps

1. Navigate to Reports in the module for the reportable Rx order.
2. Open the Medication Profile [PSO P] +Module has the report available.
3. Verify the report for order contains all Rx order with status "Active/Park" included.
4. Navigate to Reports in the module for the reportable Rx order.
5. Open the DHCP REFILL TRANSACTION MENU [VEXR REFILL TRANSACTION MENU]. +Module has the report available.
6. Verify the report for order contains all Rx order with status "Active/Park" included.
7. Navigate to Reports in the module for the reportable Rx order.
8. Open the Pharmacy Info Profile [PSOZ INFO PROFILE]. +Module has the report available.
9. Verify the report for order contains all Rx order with status "Active/Park" included.
10. Navigate to Reports in the module for the reportable Rx order.
11. Open the Action Profile [PSO ACTION PROFILE]. +Module has the report available.
12. Verify the report for order contains all Rx order with status "Active/Park" included.
13. Navigate to Reports in the module for the reportable Rx order.
14. Open the Bad Address Suspended List [PSO BAI SUSPENDED]. +Module has the report available.
15. Verify the report for order contains all Rx order with status "Active/Park" included.
16. Navigate to Reports in the module for the reportable Rx order.
17. Open the List Prescriptions Not Mailed [PSO BAI NOT MAILED]. +Module has the report available.
18. Verify the report for order contains all Rx order with status "Active/Park" included.
19. Navigate to Reports in the module for the reportable Rx order.
20. Open the List Prescriptions Not Mailed [PSO BAI NOT MAILED]. +Module has the report available.
21. Verify the report for order contains all Rx order with status "Active/Park" included.
22. Navigate to Reports in the module for the reportable Rx order.
23. Open the Released and Unreleased Prescription Report [PSO RELEASE REPORT]. +Module has the report available.
24. Verify the report for order contains all Rx order with status "Active/Park" included.
25. Navigate to Reports in the module for the reportable Rx order.
26. Open the Released and Unreleased Prescription Report Rx (Prescription) Outpatient Dispensing Report. +Module has the report available.
27. Verify the report for order contains all Rx order with status "Active/Park" included.
28. Navigate to Reports in the module for the reportable Rx order.
29. Open the CS Monitoring Menu [PSD NM MENU]. +Module has the report available.
30. Verify the report for order contains all Rx order with status "Active/Park" included.
31. Navigate to Reports in the module for the reportable Rx order.
32. Open the Prescription List for Drug Warnings [PSO RX LIST]. +Module has the report available
33. Verify the report for order contains all Rx order with status "Active/Park" included.
34. Navigate to Reports in the module for the reportable Rx order.
35. Open the List of Patients/Prescriptions for Recall Notice [PSO RECALL LIST]. +Module has the report available
36. Verify the report for order contains all Rx order with status "Active/Park" included.
37. Navigate to Reports in the module for the reportable Rx order.
38. Open the Narcotic Prescription List [PSO NARC]. +Module has the report available.
39. Verify the report for order contains all Rx order with status "Active/Park" included.
40. Navigate to Reports in the module for the reportable Rx order.
41. Open the Poly Pharmacy Report [PSOPOLY]. +Module has the report available.
42. Verify the report for order contains all Rx order with status "Active/Park" included.
43. Navigate to Reports in the module for the reportable Rx order.
44. Open the Health Summary Menu [GMTS USER]. +Module has the report available.
45. Verify the report for order contains all Rx order with status "Active/Park" included.
46. Navigate to Reports in the module for the reportable Rx order.
47. Open the Patient Health Summary [GMTS HS BY PATIENT]. +Module has the report available.
48. Verify the report for order contains all Rx order with status "Active/Park" included.
49. Navigate to Reports in the module for the reportable Rx order.
50. Open the Performance Monitor Report [OR PERFORMANCE MONITOR]. +Module has the report available.
51. Verify the report for order contains all Rx order with status "Active/Park" included.
52. Reports not available from VistA menu are available and the source location listed:

-Any TIU object that is generated using the TIULMED routine.

Any health summary content that is generated using the PSOHCSUM routine.

1. Verify the listed location of the reports and references.
2. Open the TIU object generated using the TIUMED routine: provide details.
3. The object report is generated and available for verification.
4. Verify the report for Rx orders contains all orders with status "Active/Park" included.
5. Open the health summary content that is generated use in the PSOHCSUM routing: provide details.
6. The object report is generated and available for verification.
7. Verify the report for Rx orders contains all orders with status "Active/Park" included.

#### User Story 15.21

As a VistA Pharmacy user, I want the application to ensure that a prescription with a status of “Active/Park” is not sent to automatic dispensing equipment or to CMOP.

TC ID CPRS32-15.21-A

Pre-req and setup:

User access to CPRS - Login with valid clinical user and rights to system

Navigate to the RX module, for a patient

Identify Rx classification for "Active/Parked"

Identify the functionality for automated dispensing or CMOR

* 1. In the Rx module, create orders for a patient with Rx status "Activity/Park". +All entry details completed for order.
  2. Verify functionality to process the order with automated dispensing or process to CMOR is prevented and NOT sent for filling order by that method.

#### User Story 15.22

As a VistA Pharmacy user, I want the current Order Check functionality to be applied to any prescription with a status of “Active/Park.”

TC ID CPRS32-15.22-A

Pre-req and setup:

User access to CPRS - Login with valid clinical user and rights to system

Navigate to the RX module, for a patient

Identify Rx classification for "Active/Parked"

Identify the order check workflow and business rules functionality for acceptance and provide the reference

* 1. In the Rx module, create orders for a patient with Rx status "Activity/Park" . +All entry details completed for order.
  2. Verify the functionality for Order Check for each part of business rules and workflow are applied to the order process. +Order Check was applied to process the Rx order.

#### User Story 15.23

As a VistA Pharmacy user, I want the application to capture any “Park” and “Unpark” activities performed for a prescription in the activity log for that prescription.

TC ID CPRS32-15.24-A

Pre-req and setup:

User access to CPRS - Login with valid clinical user and rights to system

Navigate to the RX module,

Identify an Rx with classification for "Active/Parked" type such as Clozapine

1. Validate the code table is updated in the data store for the new "D" special handling code.

+New code is available for the use in special handling codes

2. Navigate to the VistA Pharmacy application to verify the ability to code a prescription with special handling value "D"

+code "D" is available for a prescription special handling value

3. Code a prescription (drugs within parking classification - for example Clozapine) with the "D" value for special handling

+Prescription is coded for special handling value "D"

4. Attempt to use the "parking" option for the prescription and verify their is prevention of parking that prescription by the system

+The system prevented a coded "D" prescription from parking for that

#### User Story 15.24

As a VistA Pharmacy user, I want the application to provide a new DEA special handling code (letter D) to prevent users from using the “Park” option for prescriptions that include drugs with that classification (for example, Clozapine).

TC ID CPRS32-15.24-A

Pre-req and setup:

User access to CPRS - Login with valid clinical user and rights to system

Navigate to the RX module,

Identify an Rx with classification for "Active/Parked" type such as Clozapine

1. Validate the code table is updated in the data store for the new "D" special handling code.

+New code is available for the use in special handling codes

2. Navigate to the VistA Pharmacy application to verify the ability to code a prescription with special handling value "D"

+code "D" is available for a prescription special handling value

3. Code a prescription (drugs within parking classification - for example Clozapine) with the "D" value for special handling

+Prescription is coded for special handling value "D"

4. Attempt to use the "parking" option for the prescription and verify their is prevention of parking that prescription by the system

+The system prevented a coded "D" prescription from parking for that

#### MUMPS AudioCARE and AudioREFILL User Stories

#### User Story 15.25

As an AudioCARE/AudioREFILL user, I want the system to allow any activities that can be performed for an “Active” prescription to also be performed for an “Active/Park” prescription, with no changes in the user-facing functionality.

TC ID CPRS32-15.25-A

Pre-req and setup:

User access to CPRS

Navigate to the RX module

Login with valid clinical user and rights to system

Identify an "Active/Parked" type Rx, not prior ordered for user/patient

1.Navigate to fill original Rx using AudioCARE AudioREFILL

+Successful navigation

2. Request Rx - Complete entry required and standard in UI

+All entry completed without error in validation

3. Process the Rx Request

+Processing successful

4. Verify the requested order for no changes unexpected

+Order without changes from patient UI experience/view

#### User Story 15.26

As a VistA Pharmacy user, I want the Outpatient Pharmacy application to automatically “Unpark” and fill any prescription for which a patient requests processing using the AudioCARE system.

| **TC ID CPRS32-15.26-A** Pre-req and setup: User access to CPRS - Login with valid clinical user and rights to system Navigate to the RX module Business Rule -(Patient is the same for any prior Rx and current request) Business Rule Identify an orderable RX where:  - previous order is no longer active  - most recent Rx has status of "Active/Park [finished]  - only one Rx on file for orderable item by this patient \*may need db query, logs or history to identify Access to Outpatient receivable data 1.Navigate to fill original Rx - one flagged as "Parked" type +Successful navigation 2. Request Rx - Complete entry required and standard in UI (Business Rule) Business Rule (Must be same orderable RX as "parked") +All entry completed without error in validation 3. Process the Rx Request +Processing successful 4. Verify the order processed as "linking and replacement" as if newer prescription refilled, the "Parked" Rx 5. Verify the Outpatient system filled the Rx by all Acceptance criteria |
| --- |
| **TC ID CPRS32-15.26-B** Test B - Parked type and refill Rx - to Outpatient Pre-req and setup: Same as A 1.Navigate to fill original Rx - one flagged as "Parked" type +Successful navigation 2. Request Rx - Complete entry required and standard in UI (Business Rule) Business Rule (Must be same orderable RX as "parked") +All entry completed without error in validation 3. Process the Rx Request +Processing successful 4. Verify the order processed as "linking and replacement" as if newer prescription refilled, the "Parked" Rx 5. Verify the Outpatient system filled the Rx by all Acceptance criteria |
| **TC ID CPRS32-15.26-C** Test C - NON Parked Type, new or refill Rx to Outpatient Pre-req and setup: Same as A 1.Navigate to fill original Rx - one NOT flagged as "Parked" type +Successful navigation 2. Complete entry required in UI +All entry completed without error in validation 3. Process the new/refill request +Processing successful 4. Verify the system response notice "Rx Number () is no longer refillable please speak to a pharmacist" (in other words, this RX is NOT "Parked") 5. Repeat where condition exists- • The prescriptions must be for the same orderable item. 6. Repeat where condition exists - • The most recent prescription has a status of “Active/Park” (finished). 7. Repeat where condition exists - • There is only one prescription on file for the specific patient and orderable item. |

#### User Story 15.27

As a patient, I want to be able to request/receive the initial (original) fill of a prescription using the AudioCARE/AudioREFILL system.

TC ID CPRS32-15.27-A

Test A - VistA processes AudioCARE Rx request for AutoREFILL

Pre-req and setup:

User access to CPRS AudioCare

Navigate to the RX module

Login with valid clinical user and rights to system

Access to VistA with user rights to system

1.Navigate to AudioCARE to fill Rx

+Successful navigation

2. Request Rx - Complete entry required and standard in UI

+All entry completed without error in validation

3. Process the Rx Request to fill in system

+Processing successful

4. From VistA verify the filled request for RX

+The Rx is filled in VistA with same original request as entered by AudioCARE (data - correct for request)

#### User Story 15.28

As a patient, if I request a fill of a prescription that has been associated with a newer, “Parked” prescription for the same orderable item but different dispense drug, I want the fill to be processed as if I had requested the newer prescription, even if I do not have the new prescription number (using the old prescription number). I want the system to be able to link the previous prescription to the newer “parked” prescription, subject to the conditions in “Acceptance Criteria” below. If these conditions are not ALL met, I want the system to respond with the message “[Rx number] is no longer refillable please speak to a pharmacist.”

**Acceptance Criteria**

The linking and replacement of a previous prescription to a newer “parked” prescription shall occur only if ALL of the following conditions are met:

* The patient requesting the prescription must be the same for both the previous prescription and the more recent “Parked” prescription.
* The prescriptions must be for the same orderable item.
* The previous prescription for the orderable item is no longer active.
* The most recent prescription has a status of “Active/Park” (finished).
* There is only one prescription on file for the specific patient and orderable item.

TC ID CPRS32-15.28-A

Test A - Parked type and new RX

Pre-req and setup:

User access to CPRS - Login with valid clinical user and rights to system

Navigate to the RX module

Business Rule -(Patient is the same for any prior Rx and current request)

Business Rule

Identify an orderable RX where:

- Previous order is no longer active

- Most recent Rx has status of "Active/Park [finished]

- Only one Rx on file for orderable item by this patient

\*may need db query, logs or history to identify

1.Navigate to fill original Rx - one flagged as "Parked" type

+Successful navigation

2. Request Rx - Complete entry required and standard in UI

(Business Rule)

Business Rule (Must be same orderable RX as "parked")

+All entry completed without error in validation

3. Process the Rx Request

+Processing successful

4. Verify the order processed as "linking and replacement" as if newer prescription refilled, the "Parked" Rx

| **TC ID CPRS32-15.28-B** Test B - Parked type and refill RX Pre-req and setup: Same as A 1.Navigate to fill original Rx - one flagged as "Parked" type +Successful navigation 2. Request Rx - Complete entry required and standard in UI (Business Rule) Business Rule (Must be same orderable RX as "parked") +All entry completed without error in validation 3. Process the Rx Request +Processing successful 4. Verify the order processed as "linking and replacement" as if newer prescription refilled, the "Parked" Rx |
| --- |
| **TC ID CPRS32-15.28-C** Test C - NON Parked Type, new or refill Rx Pre-req and setup: Same as A 1.Navigate to fill original Rx - one NOT flagged as "Parked" type +Successful navigation 2. Complete entry required in UI +All entry completed without error in validation 3. Process the new/refill request +Processing successful 4. Verify the system response notice "Rx Number () is no longer refillable please speak to a pharmacist" (in other words, this RX is NOT "Parked") 5. Repeat where condition exists- • The prescriptions must be for the same orderable item. 6. Repeat where condition exists - • The most recent prescription has a status of “Active/Park” (finished). 7. Repeat where condition exists - • There is only one prescription on file for the specific patient and orderable item. |

#### User Story 15.29 – Non-Functional

As a CPRS developer, I want to convert the existing Park a Prescription CPRS GUI source code from Delphi 2006 to the latest Delphi version (XE3 or other current version approved for use in CPRS v32).

#### User Story 15.30 – Non-Functional

As a CPRS developer, I want to integrate the CPRS GUI source code and related VistA changes into CPRSv32.

### First Dose – Enhancement within CPRS Medication Order (20070811)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* PSB Bar Code Medication Administration (verify)
* PSS Pharmacy Data Management Package
* PSJ Inpatient Medications Package
* PSO Outpatient Pharmacy Package
* PSB Bar Code Medication Administration Package

#### Use Case Actors

* CPRS User
* Clinician
* Pharmacist
* Nurse

#### User Story 16.1-A

As a CPRS user, during the ordering dialog for a medication for inpatients or outpatients, I want to be able to check the inpatient, outpatient, IV, Non -VA and Remote Data files and display to the ordering clinician the dates of one or more of the following: last filled, last action/given, last ordered.

#### User Story 16.1-B

As a CPRS user, I want to base the display on the orderable item of the medication currently selected by the ordering clinician.

**Acceptance Criteria**

* The system shall display to the ordering clinician the last time a medication was ordered, administered or dispensed/filled; or display that the drug is a new medication.

#### User Story 16.2-A

As a CPRS user, if the clinician determines based on returned information that this is a first dose, I want the system to provide a check box for the clinician to communicate this information to pharmacy and nursing.

#### User Story 16.2-B

As a CPRS user, if the system does not find any indications that the patient has had this medication, I want the system to present the check box with a check mark present.

#### User Story 16.2-C

As a CPRS user, I want to automatically capture the date/time the order is signed as the “first dose” date/time.

#### User Story 16.2-D

As a CPRS user, I want the provider to be able to uncheck the box if it isn’t in the system, (there should be a new first dose comment box) because the patient is now reporting that they have previously had the medication.  (The provider will then need to enter a new Non-VA medication when they are done with the current order).

#### User Story 16.2-E

As a CPRS user, I want a pop-up alert to the BCMA nurse alerting them that they have scanned a first dose drug.

#### User Story 16.2-F

As a CPRS user, I want the process and reporting to work for Inpatient Medications for Outpatient (IMO) locations.

**Acceptance Criteria**

* The system shall alert the nurse when the patient receives their first dose of medication.

#### User Story 16.3

As a CPRS user, I want to be able to provide a report to the nurse that can be run for a period of time selectable by the nurse that displays all patients that received a first dose with time of administration.

**Acceptance Criteria**

* The system shall provide the nurse with a report of the patients that have been administered a first dose during her shift.

#### User Story 16.4-A

As a CPRS user, I want to be able to provide a first dose monitoring report that can be run for a period of time that displays the date/time that all patients for a given doctor or clinic or service or location had first dose checked on order entry, date/time of BCMA Comment field and text of comment if patient was an inpatient.

#### User Story 16.4-B

As a CPRS user, I want to be able to provide a compliance report for a nurse that displays the number of first dose medications administered and the number with a comment entered in BCMA.

**Acceptance Criteria**

* The system shall provide a means of tracking compliance with the process of monitoring a patient's response to a first dose medication.

### Enhance CPRS/Medication History Report to Fully Document IV Administration (20110903)

#### System Impact

* M Side Code
* OR Orders Package
* PSB Bar Code Medication Administration Package (BCMA)

#### Reports Impacted

* Medication History Report (displayed in CPRS appended to Order Detail)
* Medication Admin History (selectable from CPRS Reports tab)

#### Use Case Actors

* CPRS User
* VistA BCMA User

#### User Story 17.1

As a CPRS user and/or consumer of the Medication History Report, I want to be able to view all infusion actions, accompanied by actual dates and times, (not just the most recently completed action) for each continuous infusion (IV administration).

**Acceptance Criteria**

* Infusion actions shall include:, Infusing, Stopped, Completed, Held, Refused, , and Missing Dose Requested.

#### Test Case 17.1

**(Note: For Each Test Below, Another Bag will be needed after Marking or Completing them. ONDANSETRON Dextrose 10% in Water was used during testing. When completing the justifications in BCMA, the “Unable to Scan – Scanning Equipment Failure” justification was used along with verifying the 5 rights due to not having access to scanning equipment during testing.**

1. When creating and completing an IV Order, the Medication History Report will reflect all infusion actions, accompanied by actual dates and times.
2. Set up an IV Order with an additive (Orders Tab->Infusions) , finish the order and create labels (in VistA->PSJ OE) and start it (in BCMA.) Ensure “I” in the Medication History Report (in CPRS and BCMA) with the actual date and time.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Set up an IV Order with an additive (Orders Tab->Infusions) , finish the order and create labels (In VistA->PSJ OE) and start it (in BCMA.) then Stop it(in BCMA) IV tab-> Right Click on Order-> Stop). Ensure “S” and “I” in the Medication History Report (in CPRS and BCMA) with the actual date and time.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Set up an IV Order with an additive (Orders Tab->Infusions) , finish the order and create labels (In VistA->PSJ OE) and start it (in BCMA) and Complete it (in BCMA)>IV Tab-> Right-Click Order->Complete). Ensure “C” in the Medication History Report (In CPRS) with the actual date and time.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Set up an IV Order with an additive (Orders Tab->IV Meds), and Hold it (in BCMA>IV Tab->Right-Click Order->Hold). Ensure “H” in the Medication History Report(In CPRS) with the actual date and time.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Set up an IV Order with an additive (Orders Tab->IV Meds) and Refuse it. Ensure “R” in the Medication History Report (In CPRS) with the actual date and time.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Set up an IV Order with an additive (Orders Tab->IV Meds) then finish the order in Pharmacy (VistA) then mark it as “Missing Dose Requested” (In BCMA->IV Tab->Right-Click Order->Mark-> Missing Dose Requested. Ensure that “M” appears in the Medication History Report. (In CPRS.)

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 17.2

As a CPRS user and/or consumer of the Medication Admin History Report (available from the CPRS Reports tab and in BCMA), I want to be able to view all infusion actions, accompanied by actual dates and times, (not just the most recently completed action) for each continuous infusion (IV administration).

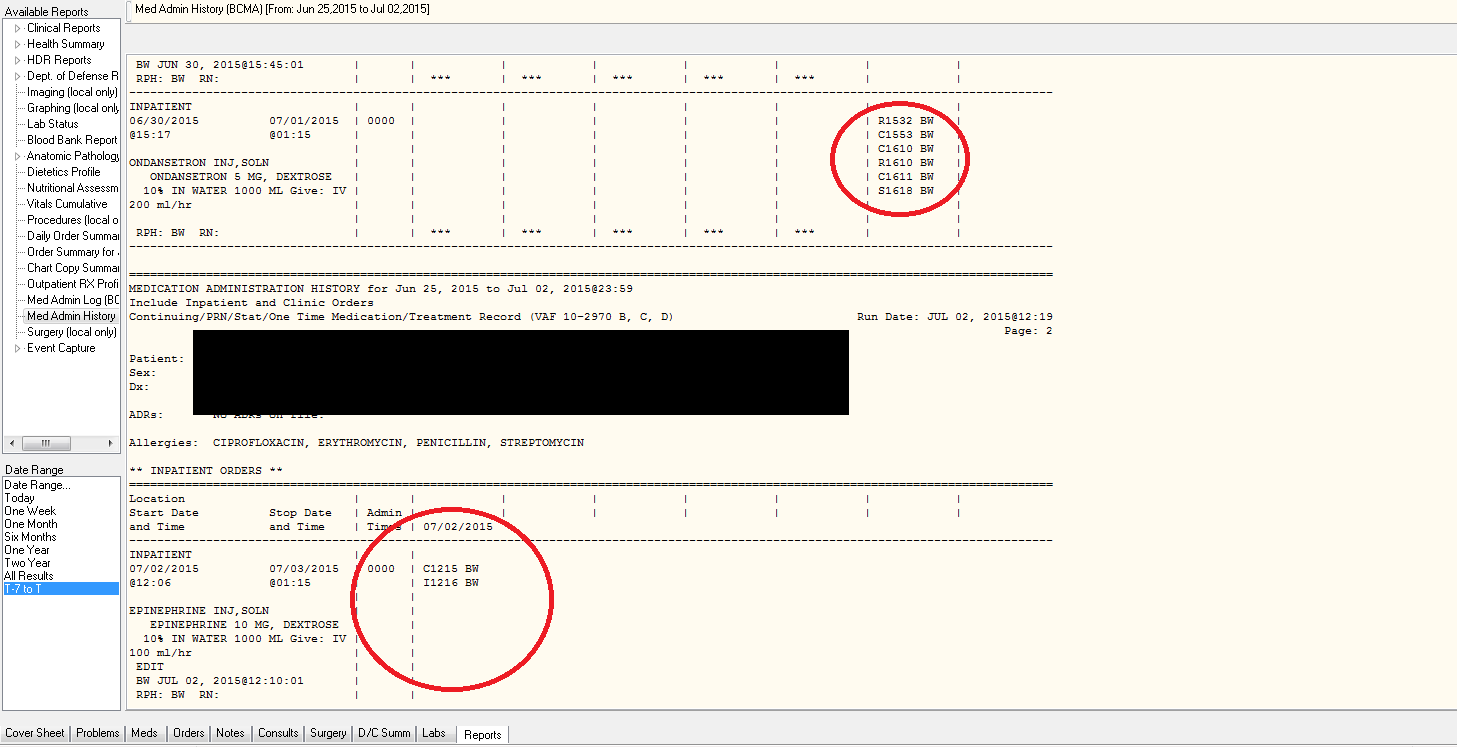
#### Test Case 17.2

1. Using the same patient from test case 17.1, navigate to the Medication Admin History Report under the Reports tab in CPRS.
2. Ensure that all of the infusion actions, and not just the most recent “completed” action appear in the report.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Using the same patient, navigate to the BCMA’s Medication Admin History.
2. Ensure that all of the infusion actions, and not just the most recent “completed” action appear in the report.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |



#### User Story 17.3

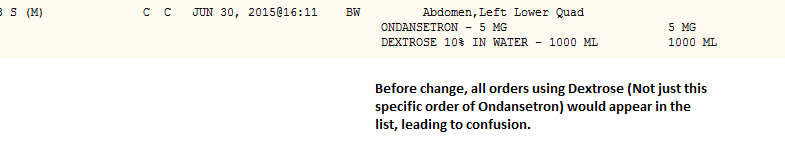
As a consumer of the CPRS Order Details report, I want each separate infusion of an additive and solution (in a solution that is not pre-mixed) to present only in the correct combination and the solution to no longer appear again in conjunction with a different additive. If multiple administrations occur in the specified time frame, then I want each administration of the additive/solution combination to be reported.

#### Test Case 17.3

1. Create two IV Orders with an additive, using the same solution in each order and complete them. (10% Dextrose in Water was the solution used in testing)
2. Finish the orders in Pharmacy and create multiple infusion actions for both orders.
3. Ensure that the Additive and Solution appear together in the reports, and that you only see the specific additive you are searching for, and do not see Dextrose being reported again in conjunction with other additives or alone.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Now complete one of the orders and place a new order for the same additive. Finish the order in Pharmacy and create multiple infusion actions for the new order.



1. Review the CPRS Order Details display and verify that the other administrations for the same additive display, but not the unrelated additive order.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 17.4

As a consumer of the CPRS Orders Detail display, I want each infusion of a pre-mixed solution to be presented on the display. If multiple administrations of a pre-mixed solution occur in the specified time frame, then I want each administration to be included on the order details.

#### Test Case 17.4

1. Create an IV Order Using a Pre-mixed Solution(Orders Tab->Infusion), and complete it (in VistA). Create multiple administration actions in BCMA.
2. Look at the Order Details.
3. Ensure that the pre-mix solution administrations display in the order details, and that the “solution” does not appear on its own in the report.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Create an IV Order with an additive using the same pre-mixed solution (Orders Tab->Infusion) and complete it (in VistA). Create multiple administration actions in BCMA
2. If both administration of the same pre-mixed solution occur in the time frame for the report, they will both be included in the report.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 17.5-A

In order to satisfy the requirements above, I want the search logic invoked by the BCMA module (in response to an API call from CPRS) to be modified as follows: For infusion orders having a solution or solutions (no pre-mix flag) with one or more additives, the search shall be conducted for the additive(s) only, and not for the solution(s). The results shall be grouped by additive, with the most recent administration first. (This User Story is satisfied by test case 17.3)

#### 

#### User Story 17.5-B

In order to satisfy the requirements above, I want the search logic invoked by the BCMA module (in response to an API call from CPRS) to be modified as follows: For infusion orders having a solution or solutions (with pre-mix flag), the search shall be conducted for the pre-mixed solution(s). The results shall present the administrations of the pre-mixed solution(s), with the most recent first. (This User Story is satisfied by test case 17.3)

### Critical/High Order Check Display (20101203)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package

#### Use Case Actors

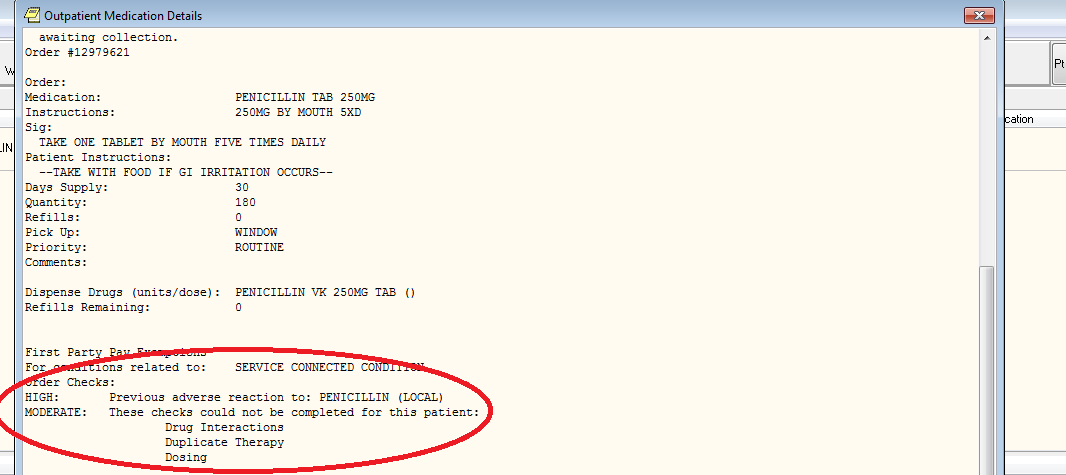
* CPRS USER

#### User Story 18.1

As a CPRS user, I want to view the severity of order checks (low, medium [significant], high [critical]).

#### Test Case 18.1

1. Have a patient with an observed allergy to penicillin.
2. Order this patient penicillin.
3. Sign the order.
4. You will be prompted with an Order Check with the option to override (justification required) . The Severity of the Check is located in the Medication Details.



#### User Story 18.2

As a CPRS user, I want to be able to enter override reasons for each order with critical (i.e. high) order checks in need of justification prior to releasing the order.

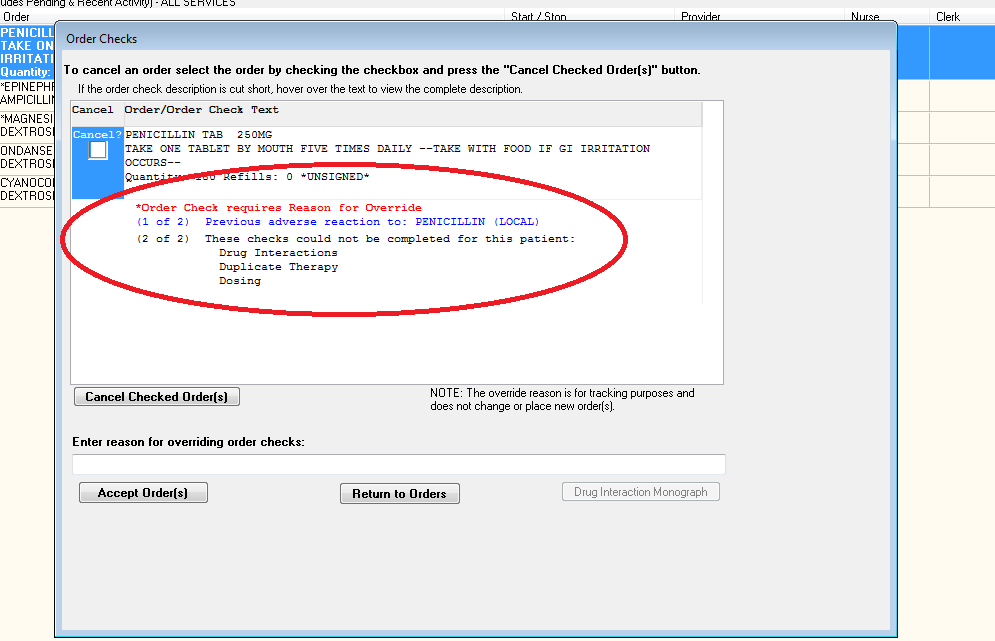
#### Test Case 18.2

* 1. Have a patient with an observed allergy to penicillin.
  2. Order this patient penicillin. (Orders Tab -> Inpatient Meds -> Penicillin)
  3. Sign the Order (Right-Click Order -> Sign)
  4. You will be prompted with an Order Check with the option to override (with a justification required.)

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Enter a justification, and click Accept Order. Ensure order is completed.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |



**Test Case 18.2.1**

1. Have a patient with an observed allergy to penicillin.
2. Order this patient penicillin. (Orders Tab -> Inpatient Meds -> Penicillin)
3. Sign the Order. (Right-click Order -> Sign)
4. You will be prompted with an Order Check with the option to override.
5. You cannot Accept the Order until a justification is provided.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 18.3

As a CPRS user, I want to determine which override justification goes with which order prior to overriding the order check/releasing the order.

**Acceptance Criteria**

* The system shall collect override justification(s) specific to each order for which an order check has been presented and where the justification is required.

**Test Case 18.3**

* 1. Have a patient with an observed allergy to penicillin.

1. Order this patient penicillin, multiple times, with different dosages and schedule. (Orders Tab -> Inpatient Meds -> Penicillin)3. Sign the Orders. (Right-click Order -> Sign).
2. You will be prompted with an Order Check with the option to override for the first
3. Order.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. After overriding the first order, you will be prompted again for the next order. Enter a justification and click Okay.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. You will keep receiving a prompt for each order until you have completed them all. Enter a justification for each order. You will notice for each Critical/High Order Check a prompt will be displayed.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

### Button to Link No Assessment Warning to Allergy Assessment Screens (20070920)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package

#### Use Case Actors

* CPRS User

#### User Story 19.1

As a CPRS user, I want the system to present a button within CPRS ‘No Allergy Assessment’ Order Check dialog to allow ordering provider to enter Allergy Assessment.

**Acceptance Criteria**

* The system shall present a button in the CPRS Pharmacy ordering dialogue for provider to go to the Allergy Assessment Screen.

#### Test Case 19.1

1. Select a Patient that does not have an Allergy Assessment.
2. Create a med order, complete with a schedule, dosage, route, etc. Click Ok.
3. During on the Order Check Pop-up, there should be a button labeled “Perform Allergy Assessment Now”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Click “Perform Allergy Assessment Now”
2. Ensure you are able to perform an Allergy Assessment when clicking this button.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

**Test case 19.1.1**

1. Select a Patient that does not have an Allergy Assessment.
2. Create a med order, complete with a schedule, dosage, route, etc. Click Ok.
3. During on the Order Check Pop-up, there should be a button labeled “Perform Allergy Assessment Now”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Do not click “Perform Allergy Assessment Now”
2. Click Accept Order
3. Ensure the order is accepted, and ready to be signed.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

**Test Case 19.1.2**

1. Using the patient from the above test case, right-click and select “sign” for the order you created.
2. When you receive an order check, ensure the button “Perform Allergy Assessment Now” is present.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Click “Perform Allergy Assessment Now”
2. Ensure you are able to perform an allergy assessment for this patient.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

**Test case 19.1.3**

1. Follow the steps of Test Case 19.1.1
2. Right click and sign this new order
3. During the Order Check, ensure the “Perform Allergy Assessment” Button is present.
4. Accept and Sign the Order without performing the Allergy Assessment.
5. Ensure the order is signed successfully, as the Allergy Assessment is not required.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

### Real-Time Notification of Potentially Missed Order Checks (20060710)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* GMRA Adverse Reaction Tracking Package
* Possible Pharmacy Packages (TBD)
* VistA RAT (verify)

#### Use Case Actors

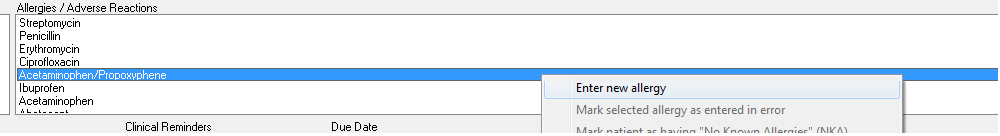
* CPRS User

#### User Story 20.1

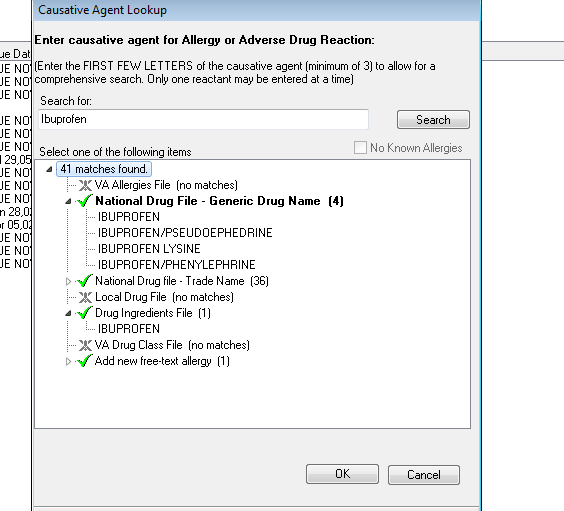
As a CPRS user entering a reactant for a patient allergy or adverse drug reaction, I want a real-time (pop-up) warning if the selected reactant is a drug ingredient that does not supply the information necessary to support an order check at the drug class level. I want the warning to include a recommendation to select the reactant from another (higher) file in the selection tree.

**Test Case 20.1**

1. Right-click the “Allergies/Adverse Reactions” box on a patient’s cover sheet.

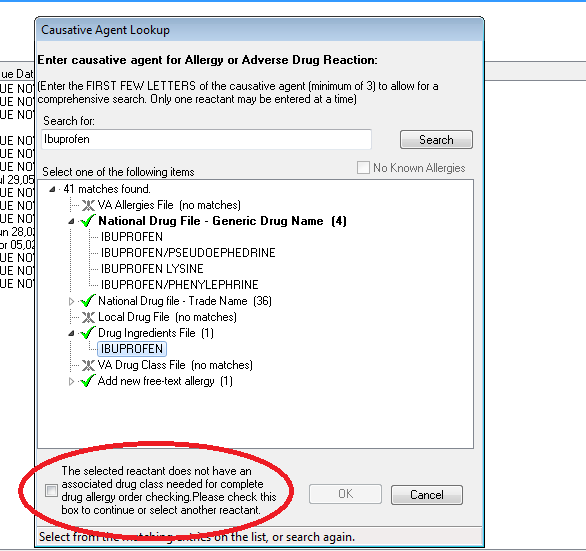


1. Click “Enter new Allergy”
2. The system will now ask you to provide a causative agent



1. For testing we used Ibuprofen
2. Click on the Ibuprofen under the “Drug Ingredients File” part of the tree.
3. Notice a popup appears, explaining that “the selected reactant does not have an associated drug class needed for complete drug allergy order checking. Please check this box to continue or select another reactant.” Notice that while the box is not checked, you cannot click OK.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |



1. Click the check box, and ensure that you are able to continue.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 20.2 (User Story satisfied by the preceding test case.)

As a CPRS user, I want to be required to either confirm acceptance of the selected reactant (and its limitations on potential future drug allergy order checks) or decline/reject the selected reactant and be allowed to re-select the reactant from another data source (for example, from the National Drug File rather than the Drug Ingredients file).

### Allergy Order Check Enhancement (20070203)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* PSS Pharmacy Data Management Package (potential)
* PSJ Inpatient Medications Package
* PSO Outpatient Pharmacy Package
* PSB Bar Code Medication Administration Package
* GMRA (Adverse Reaction Tracking)

#### Reports Impacted

* Existing Medication Drug Allergy report (new)

#### Use Case Actors

* CPRS User
* Patient Provider or Attending Physician
* Reports Consumers

#### User Story 14.1

As a CPRS or VistA user entering an allergy/adverse drug reaction, I want the system to check the current Active Patient Medication Profile against any new allergy/ADR entry(ies) made using CPRS, VistA IP/OP Pharmacy, or the GMRA (Adverse Reaction Tracking) application.

#### User Story 14.2

As a CPRS or VistA user entering an allergy/adverse drug reaction, I want the system to send a notification (actionable alert) to the following patient’s provider(s) which will be determined by the definition in ORB PROVIDER RECIPIENTS parameter, of any new drug allergy entered for which a matching medication is found to exist in the active Patient Medication Profile.~~stakeholders if a match is found between a new allergy/ADR entry and a medication in the current Active Patient Medication Profile~~:

* The clinician who entered the allergy/ADR
* The patient’s primary care provider (if the patient is an outpatient)
* The resident/attending provider (if the patient is an inpatient)
* Another stakeholder, specifiable by the user

I want the notifications (actionable alerts) described above to shall allow the alert recipient to navigate to the medication order that prompted the alert and take whatever action (change, leave unchanged, or discontinue) the user deems appropriate. Notifications shall be satisfied by processing the notification regardless of any action being taken. Notifications shall be deleted, based on the value of the ORB3 DELETE MECHANISM definition.~~allow me to navigate to the medication order that prompted the alert and allow me to take whatever action (change, leave unchanged, or discontinue) I deem appropriate for the order.~~

#### User Story 14.3

As a CPRS or VistA user entering an allergy/adverse drug reaction, I want a real-time message to display when an order for a medication matching the allergy being recorded currently exists in the active patient medication profile. The message shall notify the user of the match and advise the user that a "notification" will be sent to the patient's provider. The Notification will contain the following message: “Review New Allergy Entered on Active Med”.

In addition, I want the real-time message to allow the user entering the new allergy to interactively specify another stakeholder (besides themselves and the patient's provider) to be notified of the allergy/medication match, and the system shall perform that notification in addition to those identified in 14.2. The users that will be listed as default recipients will be determined by the definition in ORD3 PROVIDER RECIPIENTS.~~me to interactively identify one more stakeholder (besides myself and the patient’s provider) to be notified of the allergy/medication match – and the system to perform that notification, as described in 14.2.~~

Test Case 14.3

1. Start entering an allergy/adverse drug reaction.
2. Enter an allergy/adverse drug reaction that matches what currently exists in the active patient medication profile.
3. There should be a real-time message sent to the patient’s provider. View this message.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. The message should allow you to interactively identify one more stakeholder (besides yourself/patient’s provider) to be notified of the allergy/medication match.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

#### User Story 14.4

As a consumer of allergy related patient information, I want a new “Existing Medication Drug Allergy” report to be selectable from the CPRS Clinical Reports tree.

I want the “Existing Medication Drug Allergy” report to be available upon request, with no requirement for permanent storage of the content of any report instance.

I want the “Existing Medication Drug Allergy” report to list all medications on the active patient medication profile for which a corresponding allergy or adverse reaction exists in the patient allergy file, without regard to the chronological order of allergy and/or order entry. The medications shall display in the top half of the screen as a list and if the user selects one of them, the Allergy details shall display in the lower half of the screen.

Test Case 14.4

1. Go to the Reports tab.
2. Navigate to the new “Existing Medication Drug Allergy” report.
3. Ensure the report lists all medications on the active patient medication profile for which a corresponding allergy or adverse reaction exists in the patient allergy file, without any regard to the chronological order of allergy and/or order entry.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

### Enhanced Allergy Checks Using COTS Data (20080704)

#### System Impact

* CPRS GUI
* M Side Code
* GMRA Adverse Reaction Tracking Package
* PSS Pharmacy Data Management Package
* Medication Order Check (MOCHA) Interface to COTS
* OR Orders Package (possible)

#### Use Case Actors

* CPRS User
* GMRA Adverse Reaction Tracking User

#### User Story 21.1

As a VistA Allergy Tracking System user, I want the system to interface with a COTS system (for example, the First Data Bank), for enhanced allergy checking based on a chemical drug classification system.

#### User Story 21.2

As a VistA Allergy Tracking System user, I want the system to store allergy information based upon its chemical classification instead of the current VA therapeutic (clinical) classification system.

#### User Story 21.3

As a VistA Allergy Tracking System user, I want to be able to update/maintain the chemical drug classification information.

#### User Story 21.4

As a VistA Allergy Tracking System user, I want ingredient information to be persisted at the patient record level.

#### User Story 21.5

As a VistA Allergy Tracking System user, I want chemical classification information to be persisted in a centralized data store (and not at the patient record level) to allow efficient updating.

#### User Story for Non-Functional Requirement 21.6

As a VistA Allergy Tracking System user, I want the information currently stored as VA therapeutic drug class at the patient record level to be converted into the chemical classification system and transferred from the patient record level to the centralized data store described in 21.5.

### D/C Order Due To Adverse Reaction (20080226)

#### System Impact

* CPRS GUI – Discontinue/Cancel Orders Screen
* M Side Code
* OR Orders Package
* GMRA Adverse Reaction Tracking Package (verify)

#### Use Case Actors

* Provider
* TBD

#### User Story 22.1

As a VistA Provider, I want to be able to select Allergy/Adverse Drug Reaction as a reason for discontinuing a medication order.

**Acceptance Criteria**

* Allergy/Adverse Drug Reaction is selectable as a reason for discontinuing a medication order from the list of “Reasons for Discontinue” displayed on the Discontinue/Cancel Orders screen.
* The system shall not default to Allergy/Adverse Drug Reaction as the reason for discontinuing a medication order, even though that reason may appear at the top of the resulting selection list, based on the incoming (alphabetical) sort order of the elem80226ents in the list.

#### User Story 22.2

As a VistA Provider, I want to be presented with a window that contains a list of the currently recorded allergies for the patient and I want to be able to either elect to enter a new allergy at this time or skip allergy/ADR entry and return to the Orders tab.

#### User Story 22.3

As a VistA Provider, if I answer YES to proceed with allergy entry, I want to the Allergy/ADR entry window to be displayed within the normal discontinue medication orders workflow.

#### User Story 22.4

As a VistA Provider, if I answer NO to not proceed with allergy entry, I want the system to re-display the Orders tab, showing an unreleased order to discontinue the medication, ready for Provider signature.

#### User Story 22.5

As a VistA Provider, I want to be able to cancel from the Allergy/ADR entry window when I determine that it is not appropriate to enter an Allergy/ADR at the time of order discontinuation.

**Acceptance Criteria**

* Cancel button is selectable from the Allergy/ADR entry window when Allergy/ADR entry is initiated from within the Discontinue/Cancel Orders function.

### Changes to Allergy/Pharmacy Packages (20071211)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* GMRA Adverse Reaction Tracking Package
* PSJ Inpatient Medications Package
* PSO Outpatient Pharmacy Package
* PSS Pharmacy Data Management Package
* PSB Bar Code Medication Administration Package
* HDR (need to evaluate for impact)

#### Use Case Actors

* CPRS User
* VistA User

#### User Story 23.1

As a CPRS user, I want the system to define the event that triggers a pop-up alert for a drug allergy order check as “as soon as the Provider chooses the medication” instead of as “after user accepts order.”

#### User Story 23.2

As a Provider, I want the system to display an “override allergy” alert that requires a response if I elect to continue with a medication order after the drug allergy order check.

**Acceptance Criteria**

* The “override allergy” alert window shall present a list of pre-defined, commonly used reasons for overriding a drug allergy.
* The “override allergy” alert window shall allow direct entry of a reason for overriding the drug allergy, as an alternative to selection from the pre-defined list.
* The system shall require a minimum of 4 characters in the “reason for overriding” field to discourage the entry of filler in this required field.
* The system shall ensure that any “reason for overriding” allergy alert (whether selected from a list or directly entered) is permanently available for traceability/reporting.
* The system shall display drug allergy order check results in a different color (or other way of visually distinguishing them) from other order check results (e.g. drug-drug), by presenting them in a separate dialog and/or by labeling or otherwise visually distinguishing them from other types of order check results when presented together (for example, in the Order Detail window)..
* Once a reaction is classified as either a “pharmacologically expected response” (proposed to be changed to “adverse drug reaction”) or a true “allergy,” the system shall always differentiate between the two (based on these categories) when presenting alerts to users.

#### User Story 23.3

#### User Story 23.4

As a CPRS user, I want to be able to add a comment to another site’s allergy information and to associate that comment with all locally presented order check detail related to that allergy. The comment shall be entered on the Order Check screen.

#### User Story 23.5

As a CPRS user working at the site where a comment (Story 23.4) was added and associated with a (remotely entered) allergy, I want to be able to view that comment (but not to have that comment exported to any other VistA instance)..

### Order Flag Recommendations (20110719)

#### System Impact

* CPRS GUI
* M Side Code
* OR Orders Package
* Pharmacy Packages (possible)
* LR Lab Service Package (possible)

#### Use Case Actors

* Clinician
* Pharmacist
* Nurse

#### User Story 24.1

As a CPRS user setting an Order Flag, I want to be able to specify the recipient (or multiple recipients) of the flagged order alert.

#### User Story 24.2

As a CPRS user setting an Order Flag, I want to be able to view a list of selected recipients of a flagged order alert.

#### User Story 24.3

As a CPRS user setting an Order Flag, I want to receive a notification if a flagged order was not unflagged within a certain [user definable?] time frame.

#### User Story 24.4

As a CPRS user setting an Order Flag, I want to be able to document the complete reason for the flag in the Reason for Flag field, without restriction as to the number of characters that can be entered.

#### User Story 24.5

As a CPRS user setting an order flag, I want to be able to add an expiration date to the order flag.

#### User Story 24.6

As a CPRS user processing a flagged order alert, I want to be able to add an unlimited number of recipients to the flagged order alert.

#### User Story 24.7

As a CPRS user, I want the system to disallow the forwarding of order flag alerts, but instead to require that any new names be added as recipients of the alert.

#### User Story 24.8

As a CPRS user processing a flagged order alert, I want to be able to enter multiple comments for the flagged order.

#### User Story 24.9

As a CPRS user who originated an order flag, I want to be notified when a comment is added to the flag.

#### User Story 24.10

As a CPRS user processing a flagged order, I want to be able to view all comments, all order flag recipients, and any flag/unflag actions in the Order Details screen for the flagged order.

#### User Story 24.11

As a CPRS user, I want to be able to view all flagged orders for a patient, including current status and flag/unflag comments for each order, by selecting an option from a menu (for example, from the CPRS Orders tab>View Menu).

**Acceptance Criteria**

* The user shall be able to view all flagged orders from all views.

#### User Story 24.12

As a CPRS user processing a flagged order alert, I want to be able to view the ordering location for the flagged order.

#### User Story 24.13

As a CPRS user processing a flagged order alert, I want to be able to view the current status of all related orders for a patient, along with the flag/unflag comments for those orders.

**Acceptance Criteria**

* If no related orders exist, the system shall notify the user that no related orders exist and shall not display a blank order screen.

#### User Story 24.14

As a CPRS user processing a flagged order, I want to be able to view order flag alerts for each flagged order, including the order name in the alert text.

#### User Story 24.15

As a CPRS user unflagging an order, I want the system to require that a comment be entered during unflagging.

#### User Story 24.16

As a CPRS user unflagging an order, I want the system to display a message that requires confirmation that the intention is to unflag the order before the order flag is removed.

#### User Story 24.17

As a CPRS user unflagging an order, I want the system to restrict the ability to unflag an order to the recipients of the order flag alert.

#### User Story 24.18

As a CPRS user viewing active orders, I want the current descriptor *recent activity* to be replaced or enhanced with a descriptor that defines the time interval that denotes *recent* (for example, *activity within 7 days*).

### Progress Notes Display Misleading (20070817)

#### System Impact

* CPRS GUI
* M Side Code
* TIU Text Integration Utility

#### Use Case Actors

* CPRS User

#### User Story 25.1

As a CPRS user, I want the TIU note retrieval method to return the complete set of documents within the specified range.

**Acceptance Criteria**

* The system shall provide complete note information retrieval to the user.

**Test Case 25.1**

1. Navigate to a patient with multiple progress notes.
2. Navigate to the "Notes" tab.
3. Right-click on "All Signed Notes".
4. Filter notes by the options (Author, Date Range, Uncosigned, Cosigned, Unsigned, and Custom) And ensure that the notes returned match your filter conditions.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

**User Story 25.2**

As a CPRS user, when a document has an addendum(s), I want to be able to count the original and all addendums as (1) set for counting # of documents returned.

**Acceptance Criteria**

* The system shall eliminate user error by counting documents with addenda as a single set of documents.

**Test Case 25.2**

1. The count for documents retrieved will count only 1 for a document with addendums. (Ex. 4 notes, with addendums, the system will count 4 total, as Notes and their addendums only count as 1.)

**User Story 25.3**

As a CPRS user, I want the system to return the full list of sequentially dated documents without date/time gaps due to maximum number reached.

**Acceptance Criteria**

* The system shall notify user when less that a full list of sequentially dated documents is being returned (due to maximums) so that the entire list can be reviewed.

**Test Case 25.3**

1. Navigate to a patient with multiple progress notes.
2. Navigate to the "Notes" tab.
3. Right-click on "All Signed Notes".
4. Filter notes by using the "Custom" option.
5. In the "Custom" dialog box, filter the notes by date range, ensuring that more than 2 notes appear in this range.
6. Set the "Max Number" returned to two.
7. Click OK.
8. When the notes are sorted, you will see 2 notes appear, and "Show More" at the bottom of the list.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Click on "Show More".
2. When you click show more, you will see up to 2 more each time you click on “Show More”.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. You will also notice another “Show More” button to the right.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |

1. Click this button, and ensure more notes are shown.

| Pass/Fail | Notes / If fail, please enter the issue tracker number |
| --- | --- |



* + 1. **Indication on all Prescriptions and Medication Orders (20100101)**

#### System Impact

* CPRS GUI
* OR Orders Package
* PBM Pharmacy Benefits Management Package
* PSB Code Medication Administration Package (only to display the indication)
* PSJ Inpatient Medication Package
* PSO Outpatient Pharmacy Package
* PSS Pharmacy Data Management Package

#### Use Case Actors

* Provider
* Pharmacist/Pharmacy Technician
* Pharmacy Automated Data Processing Application (ADPAC)
* Clinical Applications Coordinator (CAC)

**User Story 26.1**

As a CPRS user, I want to provide a method for providers to associate a medication indication with each medication order they place in CPRS, Inpatient Medications or IV Medications and Outpatient Pharmacy..

**User Story 26.2**

As a CPRS user, I want to provide a method to enter a valid indication in each application for CPRS, Inpatient Medications or IV Medications and Outpatient Pharmacy.

**Acceptance Criteria**

* The system shall provide the users with a drop down list [or equivalent] of available indications for use.
* The system shall provide a drop down list to be populated with the indications from the orderable item file.
* The system shall provide a drop down list to be populated with the active problems from the problem list associated with this patient.
* The system shall provide for Non-VA documentation, the option of ‘UNKNOWN’ to be available in the drop down list in CPRS.
* The system shall provide the ability to capture the indication as a free form text entry.
* The system shall provide a default indication, if one exists for the selected orderable item. Otherwise, no default will be provided.

**User Story 26.3**

As a CPRS user, I want the ability for the providers to associate an indication for use on an Outpatient Prescription, regardless of whether it is entered through CPRS or VistA.

**User Story 26.4**

As a CPRS user, I want the system to provide the ability for providers to associate an indication for use on an Infusion order whether entered through CPRS or VistA.

**User Story 26.5**

As a CPRS user, I want to provide the ability for providers to associate an indication for use during Non-VA Medication documentation.

**User Story 26.6**

As a CPRS user, I want to provide the ability for providers to associate an indication for use on an Inpatient Medication order whether entered through CPRS or VistA.

**User Story 26.7**

As a CPRS user, I want the provide the ability for providers to associate an indication for use on a Clinic Medication order.

**User Story 26.8**

As a CPRS user, I want to provide the ability for providers to associate an indication for use on a Clinic Infusion order.

**User Story 26.9**

As a CPRS user, I want the provide the ability to associate indications to an orderable item in the Pharmacy Orderable item file.

**User Story 26.9-A**

As a CPRS user, I want the ability to define a list of possible indications for a given pharmacy orderable item.

**User Story 26.9-B**

As a CPRS user, I want the ability for the list of possible indication values to be associated with an Inpatient Medications or IV Medications order.

**User Story 26.10**

As a CPRS user, I want the ability to define the default indication for a given pharmacy orderable item but the default shall not be required.

**User Story 26.10-A**

As a CPRS user, I want the ability to view the indication information on the options listed below:

• Medication Profile [PSO P]

• CPRS Reports Tab - Medications (under Clinical Reports Tree)

• Health Summaries, Nationally Released - RXOP

• EMLR Essential Medication List for Review (patch 94)

• Inpatient Profile [PSJ PR]

**User Story 26.11**

As a CPRS user, I want the ability to print the indication on the Outpatient medication label.

**User Story 26.11-A**

As a CPRS user, I want to provide the ability for pharmacist to include or exclude

the indication information from the medication label.

**User Story 26.11-B**

As a CPRS user, I want to provide the ability for the pharmacist to edit the

indication text from the provider in case the wording of a selection (such as from the problem list) is clinically accurate but not appropriate for use on the medication label.

**User Story 26.12**

As a CPRS user, I want the ability to store the medication indication information for later retrieval and data analysis as a discrete field on the VistA system.

**User Story 26.13**

As a CPRS user, I want to provide the clinical staff with the ability to view the indication information in the VistA pharmacy patient order detail screens.

**User Story 26.14**

As a CPRS user, I want the ability to produce monthly and quarterly indications reports. Summaries of National, Local, and Free Text Indication usage.

### Allow user to clear own patient locks in CPRS (20080342)

### Create Separate Alert for Prosthetics Requests (20110210)

### Limiting Additional Signers List (20120101)

### Nature of Order Default (20120601)

### VistA Immunization Enhancements (VIMM)

### Remove “Clinic” pick up

### Filter Provider Drop Down List (20141111)

# Approval Signatures

This section is used to document the approval of the RSD during the Formal Review. The review should be ideally conducted face to face where signatures can be obtained ‘live’ during the review, however the following forms of approval are acceptable:

* Physical signatures obtained face to face or via fax
* Physical signature obtained in person or via fax
* Digital signature tied cryptographically to the signer

/es/ in the signature block, provided that a separate digitally signed e-mail indicating the signer’s approval is provided and kept with the document

The Chair of the governing Integrated Project Team (IPT), Business Sponsor, IT Program Manager, and the Project Manager are required to sign. Please annotate signature blocks accordingly.>

REVIEW DATE: <date>

SCRIBE: <name>

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integrated Project Team (IPT) Chair Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Business Sponsor Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IT Program Manager Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Manager Date

Appendix A Use Case Specification

This is the Use Case Specification template, which contains the textual properties of the use case. It should be used by projects that have chosen to employ use cases to express their project’s requirements. The document should be used in conjunction with a requirements management tool, such as Rational RequisitePro, to specify and mark the specifications within the use-case properties.

Develop use-case diagrams in a visual modeling tool such as Rational Rose. Generate use cases with all properties using Rational SoDA. For more information, see the tool mentors in the Rational Unified Process.

* 1. <Use Case Name>
  2. Brief Description

Briefly (one paragraph) convey the role and purpose of the use case.

* 1. Use Case Trigger

Describe contextual events that must occur prior to initiating the use case (for example, a VA patient calls to make an appointment), and that the trigger should not repeat preconditions or the first step of the use case.

* 1. Use Case Context Diagram

Insert use case diagram of use case and associated actors and associated use cases. End section by listing actor names with actor descriptions.

Figure : Use Case Context Diagram

Insert diagram here

* 1. Use Case Actors

Use a bulleted list to identify the use case actors:

<Actor -1> - Actor description and role definition

* 1. Preconditions

A precondition of a use case is the state of the system that must be present prior to a use case being performed.

A.6.1. Precondition 1

Enter the first precondition.

* 1. Basic Flow of Events

This use case starts when the actor does something. An actor always initiates use cases. The use case should describe what the actor does and what the system does in response. It should be phrased in the form of a dialog between the actor and the system.

The use case should describe what happens at the system boundary and observable system states inside the system, but not how or why. If information is exchanged, be specific about what is passed back and forth. For example, it is not useful to say that the Actor enters customer information; it is better to say the Actor enters the customer’s name and address. A Business Rules Document is often useful to keep the complexity of the use case manageable; you may want to define items such as customer information there, to keep the use case from drowning in details and maintain clarity.

A.7.1. *<First Step of Basic Flow>*

* 1. Alternative Flows

A.8.1. *< First Alternative Flow >*

More complex alternatives should be described in a separate section, which is referred to in the basic flow of events section. Think of the alternative flow sections such as alternative behavior – each alternative flow represents alternative behavior (many times, because of exceptions that occur in the main flow). They may be as long as necessary to describe the events associated with the alternative behavior. When an alternative flow ends, the events of the main flow of events are resumed unless otherwise stated.

* An Alternative Sub flow
* Divide alternative flows into subsections if it improves clarity.

A.8.2. *< Second Alternative Flow >*

There may be several alternative flows in a use case. Keep each alternative flow separate to improve clarity. Using alternative flows improves the readability of the use case, as well as prevents use cases from decomposing into hierarchies of use cases. Use cases are just textual descriptions and their main purpose is to document the behavior of a system in a clear and concise, and understandable way.

* 1. Sub Flows

A.9.1. *<First Subflow>*

Subflows are optional. A subflow should be a segment of behavior within the use case that has a clear purpose, and is "atomic" in the sense that the actor does either all or none of the actions described. Several levels of subflows may be necessary, but avoid this if possible, as it makes the text more complex and harder to understand.

A.9.2. *< Second Subflow >*

If subflows are used, there may be a number of subflows in a use case. Keep each subflow separate to improve clarity. Using subflows improves the readability of the use case, as well as prevents use cases from being decomposed into hierarchies of use cases. Keep in mind that use cases are just textual descriptions, and their main purpose is to document the behavior of a system in a clear, concise, and understandable way.

* 1. Postconditions

A postcondition of a use case is a list of possible states the system can be in immediately after a use case has finished.

A.10.1. *< Post Condition One >*

* 1. Special Specifications

A special specification is typically a nonfunctional specification that is specific to a use case, but is not easily or naturally specified in the text of the use case’s event flow. Examples of special specifications include legal and regulatory requirements, application standards, and quality attributes of the system to be built including usability, reliability, performance or supportability specifications. Include other specifications including operating systems and environments, compatibility specifications, and design constraints. If a special specification is documented in the Supplementary Specification or in another document, use hyperlinks to reference those specifications.

A.11.1. *< First Special Specification>*

* 1. Extension Points

Extension points of the use case.

A.12.1. *<Name of Extension Point>*

Definition of the location of the extension point in the flow of events.

1. Acronym List and Glossary

Identify and define all acronyms and terms that establish meaning within the context of the plan.