Department of Veterans Affairs

OUTPATIENT PHARMACY (PSO)

TECHNICIAN'S USER MANUAL

Version 7.0

December 1997

(Revised December 2016)

Department of Veterans Affairs

Office of Information and Technology (OI&T)

Revision History

Date	Revised Pages	Patch Number	Description
12/2016	i, viii, 1, 2, 8, 10, 11, 12, 26, 28-30, 40-47, 160, 162, 166	PSO*7*454	Updated Title Page Revised Date; Updated Revision History; Updated Table of Contents; Updated Footer Date; Updated Introduction; Updated Medication Profile; Added OneVA Pharmacy to Patient Prescription Processing; Updated Glossary; Updated Index. (K.Coupland Tech Writer)
08/2016	99-101, 112, 117, 118, 124, 136,	PSO*7*448	Using the Copy Action section Updated Holding and Unholding a Prescription section Updated examples to read "Veteran Prescription" (T. Tarleton, PM; T. Rollins, Tech Writer)
04/2016	i, viii 31, 32 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 71, 75, 76, 78, 81, 83, 86, 87, 93, 145, 146, 153	PSO*7*411	Updated Revision History Updated Table of Contents Added Allergy Order Checks Added Clinical Reminder Order Checks changes Updated Screens Updated description, captures Updated Glossary Updated Index (H. Cross, PM; Regina Lule, Tech Writer)
01/2016	Cover page, i-viii, 40, 43, 45-46, 54-55, 65, 70, 72-73, 79-82, 102, 105, 108-109, 111, 115	PSO*7*427	Updated cover date to January 2016. Updated screenshots to display the National Drug Code (NDC) in accordance with new functionality associated with PSO*7*427 as well as additional text added to Chapter 10 "Pull Early From Suspense" (3rd paragraph about the Label Log) and additional new screenshot. (T. Tarleton, PM; V. Dunie, Technical Writer)
03/2015	14	PSO*7*438	Updated help text for patient lookup.
08/2014	i-iii, vii, 8-9, 50-51, 141, 143	PSO*7*313	Updated Outpatient Pharmacy Hidden Actions Added section on titration Updated [PSO LM BACKDOOR ORDERS] Updated Glossary Updated Index

Date	Revised Pages	Patch Number	Description
			(Y. Olinger, PM; J. Owczarzak, Tech Writer)
03/2014	All, Cover, i-vi, 86, 87, 92, 97, 111, 139	PSO*7*421	Updated all pages throughout the document Updated contents to reflect added/removed functionality of current patch. Added Reject Resolution Required information Added Example for handling Reject Required Rejected Added if claim submission returns a Reject Resolution Required information Added Reject Resolution Required reject to index (C. Powell, PM; K. Kapple, Tech Writer)
09/2013	i-iv, v-vi, viii, 2, 18a, 25-26, 26a, 26b, 26e, 28, 29e, 29h, 29j, 29k, 29m, 29o, 29q-29q1, 29r, 29w, 29x, 29ee, 50-51, 54, 77-78, 80, 82, 85	PSO*7*372	Updated Revision History & Table of Contents Added to the Related Manuals Update text Delete text Update screens Add Dosing Order Checks information Updated Error Message section Update Index (D.McCance, PM; S. Heiress, Tech Writer)
05/2013	i, ii, vi, 24, 68-68d, 75-75d, 77-78, 85	PSO*7*391	Updated Table of Contents New sort selection for CS. New security key named "PSDRPH" introduced. Added Hash Counts and DEA Certification section. Added two System Error messages. Updated Index (N.Goyal, PM; J.Owczarzak, Tech Writer)
01/2013	i-ii, v-vi 8 4, 6, 22, 23, 26n, 28, 29b, 29v, 36, 52, 55, 56 18a-18d 26e-26e2 27, 48, 55a 29f-29g2 79-84 85	PSO*7*390	Updated Revision History & Table of Contents Added new option Check Interaction Added Creatinine Clearance (CrCl) and Body Surface Area (BSA), when available, to the header area of Patient and Medication Profile displays Added new option Check Drug Interaction Added information regarding clinic orders Update Hidden Actions Added drug allergy changes Update Glossary Update Index (G. Tucker, PM; S. Heiress, Tech Writer)

Date	Revised Pages	Patch Number	Description
09/2012	i, ii, vi, 55a – 55d	PSO*7*386	Added section on HOLD and UNHOLD functionality. (N.Goyal, PM; J. Owczarzak, Tech Writer)
02/2012	i-ii, v-vi, 14, 34, 37-40, 42-43, 45a-45h, 63, 66, 68a-b, 70, 79-83	PSO*7*385 PSO*7*359	Added signature alert Expanded ECME Numbers to twelve digits Corrected typos Updated wording on p. 34 from "a message" to "messages" Updated Service Code values Added CHAMPVA functionality Added TRICARE to Glossary Added CHAMPVA to Glossary (S. Spence, PM; C. Smith, Tech Writer)
04/2011	I v, vi 4 5 8 21 22 24 25-26r 27 28-28b 29-29ff 50 54 75 77-78 79-84 85	PSO*7*251	The following changes are included in this patch: -Updated Revision History -Updated Table of Contents -Outpatient List Manager Screen Views -Added HP and H to Hold Status, and Added DF,DE,DP,DD and DA -Added Intervention menu hidden action information -Added DF,DE,DP,DD and DA, and Added HP and H to Hold Status -Replaced Medication Short Profile -Added Intervention menu hidden action information -Inserted enhanced Order checks, Outpatient Pharmacy generated order checks -Added IN to Screen Scrape -Modified New Order Screen Scrape -Updated Entering a New Order, Added Allergy/ADR, Therapeutic Duplication, and CPRS Order Checks -Duplicate Drug examples -Duplicate Drug examples -CPRS Order Checks – How They Work -Error Messages -Added API, DATUP, DIF, DoD, ETC, FDB, HDR-Hx, and HDR-IMS to the Glossary, and updated page numbering -Updated Index to include Enhanced Drug-Drug Interactions, Duplicate Drug Order Check, Allergy/ADR Order Check Display, Therapeutic Duplication, and CPRS Order Checks, and updated page numbering (H. Whitney, Developer, S. Heiress, Tech Writer)
10/2009	v, 11, 21-23,	PSO*7*326	The Social Security Number was removed from print

Date	Revised Pages	Patch Number	Description
	61, 81		outs given to patients. The patient lookup has been expanded to include the ability to look up by prescription number or wand a barcode with the prescription from many options. (E. Wright, PM; S. B. Gilbert, Tech Writer)
08/2009	All	PSO*7*320	The following changes are included in this patch. • Remote Data prompt, notification, and screen have been added. • A hidden action, DR [Display Remote], has been added. • "THIS PATIENT HAS PRESCRIPTIONS AT OTHER FACILITIES" prints at the end of the Pull Early from Suspense report. (G. Tucker, PM; S. B. Scudder, Tech Writer)

(This page included for two-sided copying.)

Preface

This user manual describes the functional characteristics of Outpatient Pharmacy V. 7.0. It is intended for pharmacists and technicians who are familiar with the functioning of Outpatient Pharmacy in a VA Medical Center.

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Table of Contents

Chapter 1: Introduction

The Outpatient Pharmacy (OP) software provides a way to manage the medication regimen of veterans seen in the outpatient clinics and to monitor and manage the workload and costs in the Outpatient Pharmacy. The Pharmacy Ordering Enhancements (POE) project (patch PSO*7*46 for Outpatient Pharmacy) improves the flow of orders between Inpatient and Outpatient Pharmacy as well as between Computerized Patient Record System (CPRS) and backdoor pharmacy.

The primary benefits to the veteran are the assurance that he or she is receiving the proper medication and the convenience of obtaining refills easily. The clinicians and pharmacists responsible for patient care benefit from a complete, accurate, and current medication profile available at any time to permit professional evaluation of treatment plans. Utilization, cost, and workload reports provide management cost controlling tools while maintaining the highest level of patient care.

The OneVA Pharmacy project (patch PSO*7*454 - December 2016) provided Pharmacists the capability to dispense prescriptions that originated in other VistA host sites. The OneVA Pharmacy User Manual and Installation Guide describe the site parameter required to use this functionality.

Documentation Conventions

This *Outpatient Pharmacy V. 7.0 Technician's User Manual* includes documentation conventions, also known as notations, which are used consistently throughout this manual. Each convention is outlined below.

Convention	Example
Menu option text is italicized.	There are eight options on the *Archiving* menu.
Screen prompts are denoted with quotation marks around them.	The "Dosage:" prompt displays next.
Responses in bold face indicate user input.	Select Orders by number: (1-6): **5**
<Enter> indicates that the Enter key (or Return key on some keyboards) must be pressed. **<Tab>** indicates that the Tab key must be pressed.	Type **Y** for Yes or **N** for No and press **<Enter>**. Press **<Tab>** to move the cursor to the next field.
Indicates especially important or helpful information.	Up to four of the last LAB results can be displayed in the message.
Indicates that options are locked with a particular security key. The user must hold the	This option requires the security key PSOLOCKCLOZ.

particular security key to be able to perform the menu option.	

Getting Help

?, ??, ??? One, two or three question marks can be entered at any of the prompts for online help. One question mark elicits a brief statement of what information is appropriate for the prompt. Two question marks provide more help, plus the hidden actions, and three question marks will provide more detailed help, including a list of possible answers, if appropriate.

Related Manuals

The following manuals are located on the VistA Documentation Library (VDL) at: http://www.va.gov/vdl.

Main Package Documentation:
- *Outpatient Pharmacy V. 7.0 Release Notes*
- *Outpatient Pharmacy V. 7.0 Manager's User Manual*
- *Outpatient Pharmacy V. 7.0 Pharmacist's User Manual*
- *Outpatient Pharmacy V. 7.0 Technician's User Manual*
- *Outpatient Pharmacy V. 7.0 User Manual – Supplemental*
- *Outpatient Pharmacy V. 7.0 Technical Manual/Security Guide*
- *Dosing Order Check User Manual*
- *VistA to MOCHA Interface Document*
- *Installation Guide – OneVA Pharmacy*
- *Release Notes – OneVA Pharmacy*
- *User Manual – OneVA Pharmacy*

Additional Documentation:
Additional documentation related to specific projects is also located on the VDL. For example, there may be several different Release Notes documents, which apply to specific projects. Also, there may be several sets of "Change Page" documents, which apply to changes made only for a specific package patch.

Chapter 2: List Manager

The screen displayed when processing an order has changed dramatically from the previous version of Outpatient Pharmacy (e.g., v. 6.0). The new screen was designed using List Manager.

This new screen gives more information and easier accessibility to vital reports and areas of a patient's chart.

Please take the time to read over the explanation of the screen and the actions that can now be executed at the touch of a key. This type of preparation before attempting to use List Manager will reduce the time and effort needed to become skilled in order processing with this new version of List Manager.

Outpatient List Manager

Allergy Indicator

Screen Title

Header Area

List Area (Scrolling region)

Message Window

Action Area

```
Patient Information          Feb 09, 2006 16:31:03      Page:   1 of    2
OPPATIENT17, ONE                                                   <A>
 PID: 000-12-3456                          Ht(cm): 175.26 (08/06/2000)
 DOB: AUG 30,1948 (57)                     Wt(kg): 108.18 (01/14/2006)
 SEX: MALE
+
Eligibility: SERVICE CONNECTED 50% to 100%    SC%: 70
RX PATIENT STATUS: SC LESS THAN 50%


Disabilities:

1313 TWIN OAKS LANE
                                               HOME PHONE: 555-555-8361
ANYVILLE                                       CELL PHONE:
ALABAMA  12345                                 WORK PHONE:
Prescription Mail Delivery: Regular Mail



Allergies
     Verified: PEANUTS,
+          Enter ?? for more actions
EA  Enter/Edit Allergy/ADR Data        PU  Patient Record Update
DD  Detailed Allergy/ADR List          EX  Exit Patient List
Select Action: Quit//
```

Screen title:	The screen title changes according to what type of information List Manager is displaying (e.g., Patient Information, Medication Profile, New OP Order (ROUTINE), etc.).
Allergy indicator:	This indicator displays when there has been information entered into the ALLERGY field for the patient. The indicator displays "NO ALLERGY ASSESSMENT" if there is no allergy assessment for the patient.
Header area:	The header area is a "fixed" (non-scrollable) area that displays patient information.

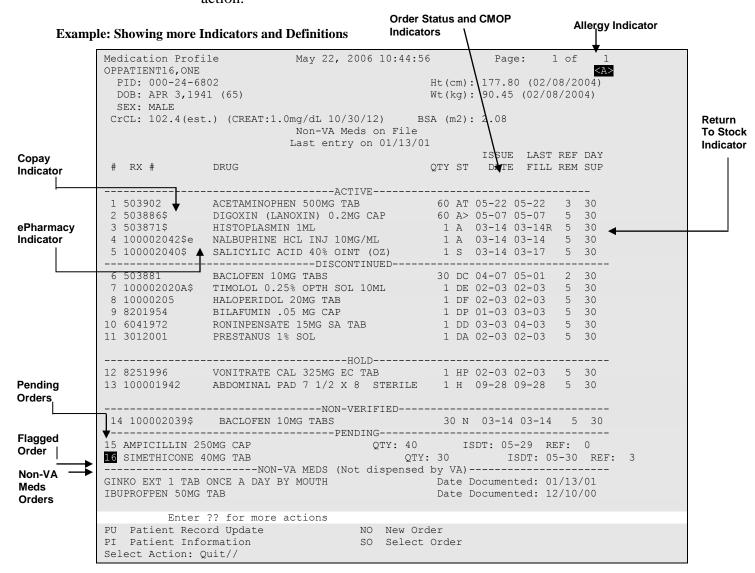|	
List area:	(scrolling region) This area scrolls (like the previous version) and displays the information on which action can be taken.
Message window:	This section displays a plus (+) sign, minus (-) sign, or informational text (i.e., Enter ?? for more actions). If a plus sign is entered at the action prompt, List Manager will "jump" forward a page. If a minus sign is displayed and entered at the action prompt, List Manager will "jump" back a screen. The plus and minus signs are only valid actions if they are displayed in the message window.
Action area:	A list of actions display in this area of the screen. If a double question mark (??) is entered at the "Select Item(s)" prompt, a "hidden" list of additional actions that are available will be displayed. Outpatient Pharmacy hidden actions are displayed with the letters (OP) next to the action.

Example: Showing more Indicators and Definitions

Order Status and CMOP Indicators

Allergy Indicator

Return To Stock Indicator

Copay Indicator

ePharmacy Indicator

Pending Orders

Flagged Order

Non-VA Meds Orders

```
Medication Profile          May 22, 2006 10:44:56          Page:    1 of    1
OPPATIENT16,ONE                                                           <A>
  PID: 000-24-6802                            Ht(cm): 177.80 (02/08/2004)
  DOB: APR 3,1941 (65)                        Wt(kg): 90.45 (02/08/2004)
  SEX: MALE
 CrCL: 102.4(est.) (CREAT:1.0mg/dL 10/30/12)      BSA (m2): 2.08
                             Non-VA Meds on File
                             Last entry on 01/13/01

                                                  ISSUE   LAST REF DAY
 #  RX #           DRUG                      QTY ST  DATE   FILL REM SUP
------------------------------------ACTIVE----------------------------------
 1 503902          ACETAMINOPHEN 500MG TAB       60 AT 05-22 05-22   3   30
 2 503886$         DIGOXIN (LANOXIN) 0.2MG CAP   60 A> 05-07 05-07   5   30
 3 503871$         HISTOPLASMIN 1ML               1 A  03-14 03-14R  5   30
 4 100002042$e     NALBUPHINE HCL INJ 10MG/ML     1 A  03-14 03-14   5   30
 5 100002040$      SALICYLIC ACID 40% OINT (OZ)   1 S  03-14 03-17   5   30
---------------------------------DISCONTINUED-------------------------------
 6 503881          BACLOFEN 10MG TABS            30 DC 04-07 05-01   2   30
 7 100002020A$     TIMOLOL 0.25% OPTH SOL 10ML    1 DE 02-03 02-03   5   30
 8 10000205        HALOPERIDOL 20MG TAB           1 DF 02-03 02-03   5   30
 9 8201954         BILAFUMIN .05 MG CAP           1 DP 01-03 03-03   5   30
10 6041972         RONINPENSATE 15MG SA TAB       1 DD 03-03 04-03   5   30
11 3012001         PRESTANUS 1% SOL               1 DA 02-03 02-03   5   30


------------------------------------HOLD------------------------------------
12 8251996         VONITRATE CAL 325MG EC TAB     1 HP 02-03 02-03   5   30
13 100001942       ABDOMINAL PAD 7 1/2 X 8  STERILE 1 H 09-28 09-28  5   30

---------------------------------NON-VERIFIED-------------------------------
14 100002039$      BACLOFEN 10MG TABS            30 N  03-14 03-14   5   30
-----------------------------------PENDING----------------------------------
15 AMPICILLIN 250MG CAP                QTY: 40      ISDT: 05-29  REF:  0
16 SIMETHICONE 40MG TAB                QTY: 30      ISDT: 05-30  REF:  3
---------------------NON-VA MEDS (Not dispensed by VA)----------------------
GINKO EXT 1 TAB ONCE A DAY BY MOUTH               Date Documented: 01/13/01
IBUPROFPEN 50MG TAB                               Date Documented: 12/10/00

         Enter ?? for more actions
PU  Patient Record Update            NO  New Order
PI  Patient Information              SO  Select Order
Select Action: Quit//
```

All orders are sub-grouped by like statuses and then listed alphabetically within the sub-group.

Order Status: The current status of the order. These statuses include:

A   Active
S   Suspended
N   Non-Verified or Drug Interactions
HP   Placed on hold by provider through CPRS
H   Placed on hold via backdoor Pharmacy
E   Expired
DA   Auto discontinued due to admission
DP   Discontinued by provider through CPRS

The Status column may also reflect the type of Discontinue action performed on the order:

DF   Discontinued due to edit by a provider through CPRS
DE   Discontinued due to edit via backdoor Pharmacy
DC   Discontinued via backdoor Pharmacy
DD   Discontinued due to death

A "B" will be appended to the above statuses if the Bad Address Indicator was set and there was no active temporary address at the time of the last label activity.

CMOP Indicators: There are two separate indicators when the drug in an order is marked for Consolidated Mail Outpatient Pharmacy (CMOP) processing. This indicator is displayed after the Order Status if applicable.

\>   Drug for the prescription is marked for CMOP
T   Displayed when the last fill is either in a Transmitted or Retransmitted CMOP state. (This indicator can overwrite the "\>" indicator.

Copay Indicator: A "$" displayed to the right of the prescription number indicates the prescription is copay eligible.

ePharmacy Indicator: An 'e' displayed to the right of the prescription number indicates that the prescription is electronic third-party billable.

Return to Stock Indicator: An "R" displayed to the right of the Last Fill Date indicates the last fill was returned to stock.

Pending Orders: Any orders entered through Computerized Patient Records System (CPRS), or another outside source, that have not been finished by Outpatient Pharmacy.

Non-VA Meds: Any over the counter (OTC) medications, herbal supplements, medications.

Orders: prescribed by providers outside the VA, and medications prescribed by the VA, but purchased by the patient at an outside pharmacy are displayed here. Non-VA Meds orders cannot be placed or updated in Outpatient Pharmacy. The user can input information about a patient's use of Non-VA Meds only through CPRS. However, the user can use either CPRS or Outpatient Pharmacy menu options to view Non-VA Meds data in a patient's medical records.

Third Party Rejects Any prescriptions that are rejected by third-party payers because of Refill Too Soon (code 79) or Drug Utilization Review (DUR - code 88) are displayed in this section.

Example: Showing Rejected Prescriptions

```
Medication Profile        August 12, 2006@12:35:04        Page:    1 of    1
OPPATIENT, ONE                                                      <A>
  PID: 000-24-6802                             Ht(cm): 177.80 (02/08/2005)
  DOB: APR 3,1941 (65)                         Wt(kg): 90.45  (02/08/2005)
  SEX: MALE
CrCL: 78.1(est.) (CREAT:1.0mg/dL 6/24/03)      BSA (m2): 2.08
                                            ISSUE   LAST  REF  DAY
# RX #             DRUG                      QTY ST  DATE  FILL REM  SUP

----------------REFILL TOO SOON/DUR REJECTS (Third Party)-----------------
1 51368009$e    DIGOXIN (LANOXIN) 0.05MG CAP      90 A>  02-16 02-16  3   90
2 51360563e     OXYBUTYNIN CHLORIDE 15MG SA TAB  180 S>  02-15 05-06  0   90
--------------------------------ACTIVE------------------------------------
3 100003470e    ABSORBABLE GELATIN FILM            1 A   11-04 11-04  5   31
4 100003461     ACETAMINOPHEN 650MG SUPPOS.       10 A>  11-04 11-04  1   10
5 100003185e    ALBUMIN 25% 50ML                   2 A   08-01 08-01  5    5
-----------------------------DISCONTINUED---------------------------------
6 100003530     ANALGESIC BALM 1 POUND             1 A   01-08 01-08  3   90
7 100003400     APPLICATORS, COTTON TIP STERILE   10 A   09-23 09-23  5   31


+          Enter ?? for more actions
PU  Patient Record Update             NO  New Order
PI  Patient Information               SO  Select Order
Select Action: Next Screen//
```

Using List Manager with Outpatient Pharmacy

List Manager is a tool designed so that a list of items can be presented to the user for an action.

For Outpatient Pharmacy, the List Manager does the following:

- Allows the pharmacist or technician to browse through a list of actions.

- Allows the pharmacist or technician to take action against those items.

- Allows the user to select an action that displays an action or informational profile.

- Allows the user to select a different action without leaving an option.

Not all functionality displayed in this section (i.e., hidden and speed actions) is available to pharmacy technicians.

Entering Actions

Actions are entered by typing the name(s), or synonym(s) at the "Select Item(s)" prompt. In addition to the various actions that may be available specific to a particular option, List Manager provides generic actions applicable to any List Manager screen. A double question mark (??) may be entered at the "Select Action" prompt for a list of all actions available. The following is a list of generic List Manager actions with a brief description. The synonym for each action is shown in brackets following the action name. Entering the synonym is the quickest way to select an action. Outpatient Pharmacy hidden actions are displayed with the letters (OP) next to the action.

Action	Description
Next Screen [+]	Move to the next screen (may be shown as a default).
Previous Screen [-]	Move to the previous screen.
Up a Line [UP]	Move up one line.
Down a Line [DN]	Move down one line.
Shift View to Right [>]	Move the screen to the right if the screen width is more than 80 characters.
Shift View to Left [<]	Move the screen to the left if the screen width is more than 80 characters.
First Screen [FS]	Move to the first screen.
Last Screen [LS]	Move to the last screen.
Go to Page [GO]	Move to any selected page in the list.
Re Display Screen [RD]	Redisplay the current.
Print Screen [PS]	Prints the header and the portion of the list currently displayed.
Print List [PL]	Prints the list of entries currently displayed.
Search List [SL]	Finds selected text in list of entries.
Auto Display (On/Off) [ADPL]	Toggles the menu of actions to be displayed/not displayed automatically.
Quit [QU]	Exits the screen (may be shown as a default).

Outpatient Pharmacy Hidden Actions

The Outpatient Pharmacy hidden actions will display with the previous hidden actions once a completed or finished order is selected and a double question mark (??) is entered at the "Select Action" prompt.

The following hidden actions appear on the prescription profile screen and can only be applied to one order at a time.

Action	Description
Activity Logs [AL]	Displays the Activity Logs.
Copy [CO]	Allows the user to copy and edit an order.
Check Interactions [CK]	Allows a user to perform order checks against the patient's active medication profile with or without a prospective drug.
DIN	Displays available drug restriction/guideline information for the Dispense Drug and Orderable Item associated with the selected medication order.
Intervention Menu (IN)	Allows a user to enter a new intervention or delete, edit, print and view an existing intervention.
Hold [HD]	Places an order on a hold status.
Other OP Actions [OTH]	Allows the user to choose from the following sub-actions: Progress Note [PN], Action Profile [AP], Print Medication Instructions [MI], Display Orders' Statuses [DO], or Non-VA Meds Report [NV].
Patient Information [PI]	Shows patient information, allergies, adverse reactions, and pending clinic appointments.
Pull Rx [PP]	Action taken to pull prescription(s) early from suspense.
Reprint [RP]	Reprints the label. **Note:** The Reprint function is not enabled for OneVA Pharmacy labels. To reprint a OneVA Pharmacy label execute a OneVA Pharmacy partial.
View Reject [REJ]	Allows the user to view and resolve the Refill Too Soon or Drug Utilization Review returned by the third party payer for a specific prescription/fill claim.
Unhold [UH]	Removes an order from a hold status.
Verify [VF]	Allows the pharmacist to verify an order a pharmacy technician has entered.

The PSO HIDDEN ACTIONS Protocol in PROTOCOL File (#101) includes two hidden actions, PSO LM BACKDOOR MARK AS TITRATION and PSO LM BACKDOOR TITRATION RX REFILL, which are both added to the PROTOCOL File (#101).

```
****************************  IMPORTANT  *****************************
The enhancements related to Titration/Maintenance dose Rx are made only
for Outpatient Pharmacy package. The corresponding changes to CPRS package
are not included at this time. Therefore, the CPRS Order Copy and Order
Change functionalities will continue to function as is. Furthermore, there
will be no indication of a Titration/Maintenance order in the CPRS
application.
*********************************************************************
```

There is also a hidden action, TR (Convert Titration Rx), in the Patient Prescription Processing [PSO LM BACKDOOR TITRATION RX REFILL] option. This action populates the MAINTENANCE DOSE RX (#45.2) field in the PRESCRIPTION File (#52). When a titration to maintenance prescription needs to be refilled so the patient can continue on the Maintenance Dose, this option allows the users to create a new prescription with the maintenance dose only. This process works similar to copying an existing prescription; however, it can only be used on prescriptions with the following characteristics:

- Rx is a complex order with a THEN conjunction
- Rx is released
- Rx status is ACTIVE
- Rx does not have refills previously ordered
- Rx # Of Refills is greater than 0 (zero)

Before the new Maintenance Rx can be accepted, the user is prompted to validate the QTY field for the new Rx, which may or may not be automatically re-calculated. Only the last dose from the original prescription is carried over to the new Maintenance Rx, and the # of Refills field is decreased by 1 because the new Maintenance Rx counts as a fill.

Once a user verifies the information for the Maintenance Rx is accurate, they can accept the Maintenance Rx. This action triggers a Duplicate Drug check against the original complex order, which must be discontinued before the new Maintenance Rx can be accepted. After the new Maintenance Rx is accepted, it will have the new indicator 'm' on the right side of the Rx # in the patient's Medication Profile.

```
        :                 :                        :
                                          ISSUE  LAST REF DAY
  #  RX #        DRUG                 QTY ST DATE  FILL REM SUP
-----------------------------ACTIVE-----------------------------
 1 100005436m  AMOXAPINE 50MG TAB      30 S  09-26 09-26  1   30
 2 100005022   AMOXICILLIN 250MG CAP   30 A  08-18 08-18 11   30
 3 100005035   KALETRA                  3 A  09-29 09-29  0    3
        :                 :                        :
```

Speed Actions

These Outpatient Pharmacy actions are referred to as "speed actions" and appear on the medication profile screen. These actions can be applied to one or more orders at a time.

Action	Description
Reprint [RP]	Reprints the label. **Note:** The Reprint function is not enabled for OneVA Pharmacy labels. To reprint a OneVA Pharmacy label execute a OneVA Pharmacy partial.
Renew [RN]	A continuation of a medication authorized by the provider.
Refill [RF]	A second or subsequent filling authorized by the provider.
Reprint Signature [RS]	Reprints the signature log.
Discontinue [DC]	Status used when an order was made inactive either by a new order or by the request of a physician.
Release [RL]	Action taken at the time the order is filled and ready to be given to the patient.
Pull Rx [PP]	Action taken to pull prescription(s) early from suspense.
Inpat. Profile [IP]	Action taken to view an Inpatient Profile.
CM	Action taken to manually queue to CMOP.
Fill/Rel Date Disply [RDD]	Switch between displaying the FILL DATE column and the LAST RELD column.
Display Remote [DR]	Action taken to display a patient's remote prescriptions.

Other Outpatient Pharmacy ListMan Actions

Action	Description
Exit [EX]	Exit processing pending orders
AC	Accept
BY	Bypass
DC	Discontinue
ED	Edit
FN	Finish

Other Screen Actions

Action	Description
Edit/Enter Allergy/ADR Data [EA]	Provides access to the Adverse Reaction Tracking package to allow entry and/or edit of allergy adverse reaction data for the patient. See the Adverse Reaction Tracking package documentation for more information on allergy/ADR processing.
Detailed Allergy Display [DA]	Displays a detailed listing of the selected item from the patient's allergy/ADR list. Entry to the Edit Allergy/ADR Data action is provided with this list also.
Patient Record Update [PU]	Allows editing of patient data such as SSN, birth date, address, phone, and outpatient narrative. Patient data can also be updated using the *Update Patient Record* menu option. If implementing Other Language Modifications, either can be used to set a patient's other language preference.
New Order [NO]	Allows new orders to be entered for the patient.
Exit Patient List [EX]	Exit patient's Patient Information screen so that a new patient can be selected.
Refill Rx from Another VA Pharmacy (RF)	OneVA Pharmacy (patch PSO*7*454) introduced the RF action item on the new 'REMOTE OP Medications' profile. The RF action item allows the Pharmacist to refill a prescription order that originated from another VA Pharmacy location.

 Note: For additional information regarding OneVA Pharmacy RF processing go to the VA Software Document Library (VDL), select the Clinical section then choose the "Pharm: Outpatient Pharmacy" page. Locate the "User Manual – OneVA Pharmacy" document.

Partial from Another VA Pharmacy (PR)

OneVA Pharmacy (patch PSO*7*454) introduced the PR action item on the new 'REMOTE OP Medications' profile. The PR action item allows the Pharmacist to partial a prescription order that originated from another VA Pharmacy location.

 Note: For additional information regarding OneVA Pharmacy PR processing go to the VA Software Document Library (VDL), select the Clinical section then choose the "Pharm: Outpatient Pharmacy" page. Locate the "User Manual – OneVA Pharmacy" document.

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Chapter 3: Using the Pharmacy Technician's Menu

The options shown in this chapter are intended for use by pharmacy technicians and other pharmacy personnel assigned the *PSO USER2* menu, who will view prescriptions and/or inquire into other Outpatient Pharmacy files.

Example: Accessing the Pharmacy Technician's Menu

```
Select OPTION NAME: PSO USER2        Pharmacy Technician's Menu
Outpatient Pharmacy software - Version 7.0
```

The following options are available on this menu:

- *Bingo Board User ...*

- *Change Label Printer*

- *DUE User ...*

- *Medication Profile*

- *Patient Prescription Processing*

- *Pull Early from Suspense*

- *Queue CMOP Prescription*

- *Release Medication*

- *Update Patient Record*

Patient Lookup

The ability to look up a patient by prescription number or wand a barcode with the prescription has been added to the patient lookup prompt on the following options.

- *Bingo Board User ... [PSO BINGO USER]*

- *Medication Profile [PSO P]*

- *Patient Prescription Processing [PSO LM BACKDOOR ORDERS]*

- *Update Patient Record [PSO PAT]*

The help text for patient lookup reads as follows.

```
  Enter the prescription number prefixed by a # (ex. #XXXXXXX) or
  Wand the barcode of the prescription. The format of the barcode is
  NNN-NNNNNNN where the first 3 digits are your station number.
          - OR -
  Enter the universal Member ID number from the patient's VHIC Card
  or wand the barcode of the VHIC card
           - OR -
  Answer with PATIENT NAME, or SOCIAL SECURITY NUMBER, or last 4 digits
  of SOCIAL SECURITY NUMBER, or first initial of last name with last 4
  digits of SOCIAL SECURITY NUMBER
  Do you want the entire NNNNNNNN-Entry PATIENT List?
```

(This page included for two-sided copying.)

Chapter 4: Using the Bingo Board User Menu

This chapter describes the options available on the Bingo Board User menu.

Bingo Board User
[PSO BINGO USER]

This menu enables use of the bingo board display. The options on this menu allow the user to display, enter, or remove a patient's name or a number from the bingo board display located in the pharmacy area.

When the routing for an order is set to "Window", the entering of prescription orders stores information in the bingo board PATIENT NOTIFICATION (Rx READY) file. For new, renew, pull early from suspense, refill orders, barcode refill/renew, and finish process for orders entered via Computerized Patient Record System (CPRS), the date and time is captured when the order is stored in this file. The same occurs for partials, except the time is captured when a prescription number is entered.

Releasing the prescription places the name or ticket number of the patient on the bingo board monitor if a display group exists and stores data in the WAITING TIME file. The options on this menu are used to manually enter, display, or remove a patient's name or number from the monitor.

The following options are available on the *Bingo Board User* menu:

- *Enter New Patient*

- *Display Patient's Name on Monitor*

- *Remove Patient's Name from Monitor*

- *Status of Patient's Order*

Enter New Patient
[PSO BINGO NEW PATIENT]

Use this option to manually enter the name of a new patient on the bingo board. Each prescription number for the patient's order must be entered.

A "Ticket #" prompt appears if ticket number was chosen as the method of display in the *Enter/Edit Display* option on the *Bingo Board Manager* menu. Enter the ticket number and at the next prompt enter each of the prescription numbers for that patient.

Display Patient's Name on Monitor
[PSO BINGO DISPLAY PATIENT]

Use this option to begin displaying the name or number of a patient whose prescription is ready. The message, "PRESCRIPTIONS ARE READY FOR:" appears as fixed text on the display screen. This option displays the following reminder for ECME billable prescriptions: "*** This Pharmacy Rx requires a patient signature! ***"

Remove Patient's Name from Monitor
[PSO BINGO DELETE PATIENT]

After the patient picks up the prescription, remove the name or ticket number from the display either manually or through the barcode reader.

> It is recommended that a patient's name be removed from the monitor as soon as the prescription is picked up.

Status of Patient's Order
[PSO BINGO STATUS]

This option enables checking of the number of prescriptions a patient has ready, the division, time in/time out, and the prescription number(s). There are four possible statuses:

Status	Description
Pending	Active order input via CPRS that is in the PENDING OUTPATIENT ORDERS file.
Being Processed	Order that is in the PATIENT NOTIFICATION (Rx READY) file, but not displayed.
Ready For Pickup	Order that is in the PATIENT NOTIFICATION (Rx READY) file and is being displayed.
Picked Up	Order that has been picked up.

Example: Status of Patient's Order

```
Select Bingo Board User Option: STATUS of Patient's Order

Enter Patient Name: OPPATIENT3,ONE   02-23-74    000579013    NO   NSC VETERAN


        OPPATIENT3,ONE has the following orders for 10/31/06


Being Processed: ***Entered on OCT 31, 2006***
     Division: GENERAL HOSPITAL           Time In: 10:27    Time Out:
     Rx #: 500416,

Pending:
     Orderable Item: ACETAMINOPHEN             Provider: OPPROVIDER3,TWO
     Entered By: OPCLERK2,FOUR                 Time In: 10/31/06@06:46
     Drug: ACETAMINOPHEN 325MG TAB UD          Routing: MAIL

Ready For Pickup:
     Division: GENERAL HOSPITAL   Time In: 10:36    Time Out: 10:46
     Rx #: 1022731,


Enter Patient Name:
```

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Chapter 5: Changing the Label Printer

This chapter describes the *Change Label Printer* option.

Change Label Printer
[PSO CHANGE PRINTER]

This option allows the user to change the printer to which labels are printed.

```
Select Outpatient Pharmacy Manager Option: Change Label Printer
Select LABEL PRINTER: LABELPRT2//  <Enter> LABELPRT2

OK to assume label alignment is correct? YES//<Enter>
```

(This page included for two-sided copying.)

Chapter 6: Check Drug Interaction

This chapter describes the *Check Drug Interaction* option shown on the Outpatient Pharmacy Manager [PSO MANAGER] menu and the Pharmacist Menu [PSO USER1].

Check Drug Interaction
[PSO CHECK DRUG INTERACTION]

This option allows a user to check drug interactions between two or more drugs.

```
Select Outpatient Pharmacy Manager Option: CHECK Drug Interaction
Drug 1:    WARFARIN 2MG TABS         BL110
         ...OK? Yes//   (Yes)

Drug 2: SIMVASTATIN 40MG TAB
  Lookup: GENERIC NAME
SIMVASTATIN 40MG TAB           CV350
         ...OK? Yes//   (Yes)

Drug 3:


Now Processing Enhanced Order Checks!  Please wait...

*** DRUG INTERACTION(S) ***
============================================================
***Significant*** Drug Interaction with
SIMVASTATIN 40MG TAB and
WARFARIN 2MG TABS

CLINICAL EFFECTS:  Increase hypoprothrombinemic effects of warfarin.

============================================================
Press Return to Continue...:

Display Professional Interaction monograph? N// YES

DEVICE: HOME//   SSH VIRTUAL TERMINAL     Right Margin: 80//



-------------------------------------------------------------
Professional Monograph
Drug Interaction with SIMVASTATIN 40MG TAB and WARFARIN 2MG TABS
     This information is generalized and not intended as specific medical
     advice. Consult your healthcare professional before taking or
     discontinuing any drug or commencing any course of treatment.

     MONOGRAPH TITLE:  Selected Anticoagulants/Selected HMG-CoA Reductase
     Inhibitors

     SEVERITY LEVEL:  3-Moderate Interaction: Assess the risk to the
     patient and take action as needed.

     MECHANISM OF ACTION:  The exact mechanism of this interaction is
     unknown. The HMG-CoA reductase inhibitor may inhibit the hepatic
     hydroxylation of warfarin.  The HMG-CoA reductase inhibitors, which
     are highly plasma protein bound, may displace warfarin from its
     binding site.

Press Return to Continue or "^" to Exit:


Professional Monograph
   Drug Interaction with SIMVASTATIN 40MG TAB and WARFARIN 2MG TABS
```

```
     CLINICAL EFFECTS:  Increase hypoprothrombinemic effects of warfarin.

     PREDISPOSING FACTORS:  None determined.

     PATIENT MANAGEMENT:  Patients should be monitored for changes in
     prothrombin time when a HMG Co-A reductase inhibitor is added to or
     discontinued from warfarin therapy, or if the dosage of the HMG Co-A
     reductase inhibitor is adjusted.

     DISCUSSION:  Case reports in the medical literature and to the
     manufacturer have documented an interaction between lovastatin and
     warfarin. A case report has documented an interaction between
     pravastatin and fluindione (an orally administered indanedione
     anticoagulant), suggesting that pravastatin could also interact
     similarly with warfarin. Information concerning a potential
     interaction with simvastatin is conflicting. A case report has
     documented an interaction between simvastatin and acenocoumarol while
     another case report showed no interaction with warfarin. One group of
     authors reported three case reports of increased international
     normalized ratios (INRs) following the addition of fluvastatin to
     warfarin therapy. The addition of rosuvastatin to patients stabilized
     on warfarin resulted in clinically significant changes in INR.

Press Return to Continue or "^" to Exit:

Professional Monograph
   Drug Interaction with SIMVASTATIN 40MG TAB and WARFARIN 2MG TABS

     REFERENCES:
     1.Ahmad S. Lovastatin. Warfarin interaction. Arch Intern Med 1990 Nov;
     150(11):2407.
     2.Hoffman HS. The interaction of lovastatin and warfarin. Conn Med
     1992 Feb; 56(2):107.
     3.Iliadis EA, Konwinski MF. Lovastatin during warfarin therapy
     resulting in bleeding. Pa Med 1995 Dec;98(12):31.
     4.Personal communication. Merck & Co., Inc. 1991.
     5.Trenque T, Choisy H, Germain ML. Pravastatin: interaction with oral
     anticoagulant?. BMJ 1996 Apr 6;312(7035):886.
     6.Grau E, Perella M, Pastor E. Simvastatin-oral anticoagulant
     interaction. Lancet 1996 Feb 10;347(8998):405-6.
     7.Gaw A, Wosornu D. Simvastatin during warfarin therapy in
     hyperlipoproteinaemia. Lancet 1992 Oct 17;340(8825):979-80.
     8.Trilli LE, Kelley CL, Aspinall SL, Kroner BA. Potential interaction
     between warfarin and fluvastatin. Ann Pharmacother 1996 Dec;
     30(12):1399-402.

Press Return to Continue or "^" to Exit:


Professional Monograph
   Drug Interaction with SIMVASTATIN 40MG TAB and WARFARIN 2MG TABS
     9.Crestor (rosuvastatin calcium) US prescribing information.
     AstraZeneca Pharmaceuticals LP February, 2012.

     Copyright 2012 First DataBank, Inc.

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

Enter RETURN to continue or '^' to exit:


Display Professional Interaction monograph? N// O
```

Chapter 7: Creating, Editing, and Printing a DUE Answer Sheet

This chapter describes the options on the *DUE User* menu.

DUE User
[PSOD DUE USER]

This menu provides the means to create an answer sheet entry in the DUE ANSWER SHEET file and edit an existing Answer Sheet. A blank form of a selected DUE questionnaire can also be printed in multiple copies to be distributed to providers to complete when ordering medications being evaluated.

- *Enter a New Answer sheet*

- *Edit an Existing Answer Sheet*

- *Batch Print Questionnaires*

Enter a New Answer Sheet
[PSOD CREATE ANSWER SHEET]

In this option, answers to a DUE Questionnaire can be entered. This creates an answer sheet entry in the DUE ANSWER SHEET file. These answer sheets can be kept online for statistical and/or compliance studies. Answer sheets are stored in the file using a sequence number. This number is automatically generated by the computer and should be written on the hard copy of the answer sheet immediately so that it can be used later in editing or deleting the entry.

Edit an Existing Answer Sheet
[PSOD EDIT ANSWER SHEET]

Edit a DUE Answer Sheet entry using this option. Ordinarily, the sequence number is available when editing the Answer Sheet; however, the user can search the file if the provider, drug, or questionnaire is known by typing ^S at the "SEQUENCE NUMBER" prompt. The search displays all of the entries containing the combination of provider, drug, or questionnaire used in the search.

Batch Print Questionnaires
[PSOD BATCH PRINT QUESTIONNAIRE]

To print a blank form of a selected questionnaire, enter the number of copies and a printer device. These questionnaire answer sheets can be distributed to providers to complete when ordering medications being evaluated.

(This page included for two-sided copying.)

Chapter 8: Using the Medication Profile

This chapter describes the Medication Profile, its different formats, and how it can be used in patient care.

Medication Profile
[PSO P]

The Medication Profile displays a profile of all prescriptions on file for a particular patient. The prescription display includes all Non-VA Med orders also. Effective with the OneVA Pharmacy (patch PSO*7*454 – December 2016), the Medication Profile displays all active medications from other facilities. The medications are retrieved from the Health Data Repository/Clinical Data Service (HDR/CDS) Repository and are displayed below the 'local' or 'Non-VA Med' orders and are sorted/grouped by facility. The prescriptions originating from other VA Pharmacy locations display under a divider header line showing the site name, site number, and status. The user may view this information directly on the screen or request it to be printed. The medication profile is available in two formats: short or long.

Medication Profile: Short Format

The short format displays the following information:

- patient name
- last four digits of the patient's SSN
- Eligibility
- reactions
- prescription number
- Sig
- quantity
- last fill date

- address
- DOB
- narrative
- prescriptions
- drug name
- status
- issue date
- refills remaining

The short report format of the fields for Non-VA Med orders include the drug name or orderable item name, dosage, schedule and date documented.

The short format displays the status and or action in an abbreviated form. The following is an explanation of the codes:

Code	Status/Description
A	Active
B	Bad Address Indicated
DF	Discontinued due to edit by a provider through CPRS
DE	Discontinued due to edit via backdoor Pharmacy
DP	Discontinued by provider through CPRS
DC	Discontinued via backdoor Pharmacy

DD	Discontinued due to death
DA	Auto discontinued due to admission
E	Expired
HP	Placed on hold by provider through CPRS
H	Placed on hold via backdoor Pharmacy
N	Non Verified
P	Pending due to drug interactions
S	Suspended
$	Copay eligible
E	Third-party electronically billable
R	Returned to stock prescription (next to last fill date)

Example: Medication Profile – Short Format

```
Medication Profile          Jun 12, 2006@22:33:13        Page:   1 of   1
OPPATIENT16, ONE
  PID: 000-55-3421                         Ht(cm):          (     )
  DOB: DEC 2, 1923 (82)                    Wt(kg): 100.00 (06/24/2003)
  SEX: MALE
 CrCL: <Not Found>                         BSA (m2): _____
                        Non-VA Meds on File
                        Last entry on 1-20-05
                                              ISSUE   LAST REF DAY
 #  RX #          DRUG                    QTY ST   DATE   FILL REM SUP

----------------REFILL TOO SOON/DUR REJECTS (Third Party)--------------------
 1 2390$e   DIGOXIN (LANOXIN) 0.05MG CAP       90 A>  02-16 02-16  3  90
 2 2391e    OXYBUTYNIN CHLORIDE 15MG SA TAB   180 S>  02-15 05-06  0  90
-------------------------------------ACTIVE-----------------------------------
 3 2396          AMPICILLIN 250MG CAP             40 A>  06-12 06-12   0  10
 4 2395          AZATHIOPRINE 50MG TAB            90 E   06-10 05-03   3  90
-------------------------------------DISCONTINUED-----------------------------
 5 2398          FOLIC ACID 1MG TAB              90 DD> 05-03 05-03R  3  90
 6 2400          HYDROCORTISONE 1%CR             1 DE>  05-03 05-03R 11  30
 7 2394          IBUPROFEN 400MG TAB 500'S      270 DC  05-03 05-03   3  90
 8 2399          MVI CAP/TAB                     90 DP> 05-03 05-03R  3  90
 9 2402          TEMPAZEPAM 15MG CAP             30 DF  06-01 06-01   5  30
10 2392          THIAMINE HCL 100MG TAB          90 DA> 05-03 05-03R  3  90
-------------------------------------HOLD-------------------------------------
11 2393          WARFARIN 5MG TAB                90 H   05-03   -     3  90
12 2401          FUROSEMIDE 40MG TAB             90 HP  05-03   -     2  90
 ------------------------------------NON-VERIFIED-----------------------------
13 2397          BACLOFEN 10MG TABS              30 N   03-14 03-14   5  30
 ------------------------------------PENDING----------------------------------
14 CAPTOPRIL 25MG TAB                   QTY: 180      ISDT: 06-12  REF: 3
15 MULTIVITAMIN CAP/TAB                 QTY: 30       ISDT: 06-12> REF: 3
----------------------NON-VA MEDS (Not dispensed by VA) ---------------------
GINKO EXT 1 TAB ONCE A DAY BY MOUTH               Date Documented: 01/13/01


           Enter ?? for more actions

PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order

Select Action: Quit//
Order #4 is highlighted (reverse video) to indicate that it has recently expired.
Orders #5, 7, 10 are highlighted (reverse video) to indicate that they were recently
discontinued.
Hold Type display codes are shown in blue.
Discontinue Type display codes are shown in blue.
```

OneVA Pharmacy and the Medication Profile

Effective with the OneVA Pharmacy patch PSO*7*454 – December 2016, the Medication Profile displays all active medications from other facilities. The medications are retrieved from the Health Data Repository/Clinical Data Service (HDR/CDS) Repository and are displayed below the 'local' or 'Non-VA Med' orders and are sorted/grouped by facility. The prescriptions originating from other VA Pharmacy locations display under a divider header line showing the site name, site number, and status.

Note: For additional information regarding OneVA Pharmacy processing go to the VA Software Document Library (VDL), select the Clinical section then choose the "Pharm: Outpatient Pharmacy" page. Locate the "User Manual – OneVA Pharmacy" document. The example shown below displays three pages of a test patient's Medication Profile, displaying the 'local' prescription orders followed by prescription orders that originated at other facilities.

```
Medication Profile           Jul 28, 2016@05:20:23      Page:    1 of    3
PSOPATIENT,SIX                           <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                            Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                       Wt(kg): _____  (_____)
  SEX: FEMALE
 CrCL: <Not Found>                       BSA (m2): _____
                                                   ISSUE  LAST REF DAY
  #  RX #          DRUG                     QTY ST  DATE  FILL REM SUP

---------------------------------ACTIVE-------------------------------------
 1 10000126      FLUTICAS 100/SALMETEROL 50 INHL DISK 60  E> 06-01 02-02  11  45
                                              Qty: 2
 2 10000128      NIACIN 250MG TAB                270 S> 06-08 08-27   2  90
 3 10000122      RAMIPRIL 5MG CAP                 30 A> 05-31 05-31   8  30
------------------------------DISCONTINUED----------------------------------
 4 10000125      HYDROCHLOROTHIAZIDE 25MG TAB     60 DC>02-01 02-02   5  60
---------------------------------HOLD---------------------------------------
 5 10000127      LISINOPRIL 2.5MG TAB             90 H> 03-10   -     3  90
----------------------------DAYTON (552) ACTIVE-----------------------------
+        Enter ?? for more actions
PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order
Select Action: Next Screen//

Medication Profile           Jul 28, 2016@05:20:46      Page:    2 of    3
PSOPATIENT,SIX                           <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                            Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                       Wt(kg): _____  (_____)
  SEX: FEMALE
 CrCL: <Not Found>                       BSA (m2): _____
                                                   ISSUE  LAST REF DAY
  #  RX #          DRUG                     QTY ST  DATE  FILL REM SUP
+
 6 2718399       IBUPROFEN 800MG TAB              30 A  06-09 07-19   0  10
 7 2718383       OMEPRAZOLE 10MG SA CAP           30 A  02-02 06-10  11  30
 8 2718397       VERAPAMIL HCL 120MG TAB          60 A  06-15 06-15   5  60
-------------------------DAYTON (552) DISCONTINUED--------------------------
 9 2718398       ASPIRIN 325MG BUFFERED TAB      300 DC 03-15 03-15   2  90
----------------------------DAYTON (552) HOLD------------------------------
10 2718400       ALBUTEROL 0.5% INHL SOLN          2 H  06-09 -     1  14
--------------------------DAYTON (552) SUSPENDED---------------------------
11 2718401       CALCIUM GLUCONATE 500MG TAB      30 S  05-25 07-14   3  30
----------------------DAYTSHR TEST LAB (984) ACTIVE------------------------
+        Enter ?? for more actions
PU  Patient Record Update              NO  New Order
```

```
PI  Patient Information                    SO  Select Order
Select Action: Next Screen//

Medication Profile            Jul 28, 2016@05:16:31      Page:    3 of    3
PSOPATIENT,SIX                              <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                          Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                     Wt(kg): _____  (_____)
  SEX: FEMALE
 CrCL: <Not Found>                       BSA (m2): _____
                                                   ISSUE  LAST REF DAY
  #  RX #        DRUG                       QTY ST  DATE  FILL REM SUP
+
12 2718902      BANDAGE, GAUZE, ROLLER 2 IN X 6 YD    3 A  04-19 04-19   9  29
13 2718744      OMEPRAZOLE 10MG SA CAP              60 A  05-03 05-03   5  60
----------------------DAYTSHR TEST LAB (984) DISCONTINUED---------------------
14 2718745      QUINAPRIL 20MG TAB                  30 DC 03-04 03-04  11  30
-----------------------DAYTSHR TEST LAB (984) EXPIRED-------------------------
15 2718746      AMOXICILLIN 250MG CAP               30 E  06-01 05-04   0  10
------------------------DAYTSHR TEST LAB (984) HOLD--------------------------
16 2718747      CETIRIZINE HCL 10MG TAB             45 H  04-23  -    4  45
----------------------DAYTSHR TEST LAB (984) SUSPENDED-----------------------
17 2718748      TRAZODONE HCL 50MG TAB              90 S  04-05 06-24   2  90
          Enter ?? for more actions
PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order
Select Action: Quit//
```

The OneVA Pharmacy OneVA Pharmacy patch PSO*7*454 – December 2016 introduces the new view, 'REMOTE OP Medications', which displays the details of the remote prescription order. When selecting a OneVA Pharmacy prescription order from the Medication Profile screen, the new 'REMOTE OP Medications' page display as shown in the example below.

```
REMOTE OP Medications (ACTIVE)Jul 27, 2016@10:12:37      Page:    1 of    1
PSOPATIENT,SIX                              <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                          Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                     Wt(kg): _____  (_____)
  SEX: FEFEMALE
 CrCL: <Not Found>                       BSA (m2): _____

          Site #: 984(DAYTSHR TEST LAB)
            Rx #: 2718862
       Drug Name: IBUPROFEN 800MG TAB
     Days Supply: 30
        Quantity: 60
         Refills: 11
 Expiration Date: 06/01/17
      Issue Date: 05/31/16
       Stop Date: 06/01/17
  Last Fill Date: 05/31/16
             Sig: TAKE ONE TABLET BY MOUTH TWICE A DAY AS NEEDED --TAKE WITH
                  FOOD IF GI UPSET OCCURS/DO NOT CRUSH OR CHEW--

          Enter ?? for more actions
RF   Refill Rx from Another VA Pharmacy PR   Partial
Select Action:Quit//
```

Note: For additional information regarding OneVA Pharmacy processing go to the VA Software Document Library (VDL), select the Clinical section then choose the "Pharm: Outpatient Pharmacy" page. Locate the "User Manual – OneVA Pharmacy" document.

Medication Profile: Long Format

The long format displays all information contained on the short format as well as the following additional fields:

- physician's name
- fill date
- dates of refills/partial fills
- whether the prescription was filled at the pharmacy window or by mail

- clerk code
- total allowable refills
- which division filled it

The long report format of the fields for Non-VA Med orders include the start date, CPRS order #, status, documented by, order check(s), override reason, override provider, and statement of explanation.

Example: Medication Profile – Long Format

```
Select PATIENT NAME:    OPPATIENT,ONE      8-5-19   666000777   NO    NSC
VETERAN    OPPATIENT,ONE
WARNING : ** This patient has been flagged with a Bad Address Indicator.
LONG or SHORT: SHORT// LONG
Sort by DATE, CLASS or MEDICATION: DATE// <Enter>

All Medications or Selection (A/S): All// <Enter>
DEVICE: HOME// [Select Print Device]  GENERIC INCOMING TELNET

OPPATIENT,ONE                         ID#:   0777
    (TEMP ADDRESS from AUG 28,2006 till (no end date))
LINE1                                 DOB:   AUG 5,1919
ANYTOWN                               PHONE: 555-1212
TEXAS  77379                          ELIG:  NSC
CANNOT USE SAFETY CAPS.


WEIGHT(Kg):                               HEIGHT(cm):
CrCL: <Not Found>                          BSA (m2):

DISABILITIES:

ALLERGIES:

ADVERSE REACTIONS:

Enter RETURN to continue or '^' to exit: <Enter>

Outpatient prescriptions are discontinued 72 hours after admission
                Medication Profile Sorted by ISSUE DATE


Rx #:  100001968Ae          Drug: LOPERAMIDE 2MG CAP
  SIG: TAKE TWO CAPSULES BY MOUTH EVERY DAY
  QTY: 60          # of Refills: 5      Issue/Expr: 12-15-05/06-16-06
  Prov: OPPROVIDER16,TWO   Entry By: 10000000013 Filled: 01-14-06 (M)
  Last Released:                        Original Release:
  Refilled: 02-19-04 (M)      Released:
  Remarks:
  Division: ALBANY (500)              Active           4 Refills Left
```

Example: Medication Profile – Long Format (continued)

```
-----------------------------------------------------------------------------
                Non-VA MEDS (Not Dispensed by VA)
```

```
GINKO BILLOBA TAB
  Dosage: 1 TABLET
  Schedule: ONCE A DAY
  Route: MOUTH
  Status: Discontinued (10/08/03)
  Start Date: 09/03/03     CPRS Order #: 12232
  Documented By: OPCLERK21,FOUR on 09/03/03
  Statement of Explanation: Non-VA medication not recommended by VA provider.
```

Example: Medication Profile – Long Format (continued)

```
ACETAMINPHEN 325MG CT
  Dosage: 325MG
  Schedule:
  Route:
  Status: Active
  Start Date: 09/03/03     CPRS Order #: 12234
  Documented By: OPCLERK21,FOUR on 09/03/03
  Statement of Explanation: Non-VA medication recommended by VA provider
                            Patient wants to buy from Non-VA pharmacy
```

The Intervention menu hidden action has been included in the Patient Information, the Medication Profile and Detailed Order ListMan screens when utilizing the following options:

- Patient Prescription Processing [PSO LM BACKDOOR ORDERS]

- Complete Orders from OERR [PSO LMOE FINISH]

- Edit Prescriptions [PSO RXEDIT]

Note: Patch PSO*7*391 added a new sort selection, 'CS' to the Complete Orders from OERR, enabling users to select digitally signed pending CS orders separately.

See "*Using the Pharmacy Intervention Menu*" for more details.

Chapter 9: Processing a Prescription

This chapter describes the option and processes used in processing prescriptions.

Patient Prescription Processing
[PSO LM BACKDOOR ORDERS]

The *Patient Prescription Processing* option is used to process outpatient medication orders from OERR V. 3.0. This option uses List Manager features that allow the pharmacy technician to perform the following actions on a prescription without leaving this option.

- Enter a new Rx
- Refill
- Copy (new)
- Renew
- Reprint

- Release
- Order a partial
- Pull early from suspense
- Show a profile
- View activity log (new)

When a new drug order is processed (new, renewal, finish, verify, copy, or an edit that creates a new order), order checks are performed. These include checking for duplicate drug, duplicate drug therapy, drug-drug interaction, drug allergy, and maximum single dose.

Outpatient Pharmacy generated order checks are displayed in this sequence:
- System Errors
- Duplicate Drug
- Clozapine
- Allergy/ADR (local & remote) or Non-Assessment
- CPRS checks generated backdoor (3 new checks)
- Drug Level Errors
- Local & Remote Critical Drug Interactions
- Local & Remote Significant Drug Interactions
- Local & Remote Duplicate Therapy
- Maximum Single Dose

Additionally, the order check display sequence is applied to the following processes:
- Backdoor new order entry
- Finishing a pending order
- Renewing an outpatient medication order
- Creating a new order when editing an outpatient medication order
- Verifying an outpatient medication order
- Copying an outpatient medication order
- Reinstating a discontinued outpatient medication order

There are three levels of error messages associated with Enhanced Order Checking (Drug Interactions, Duplicate Therapy, and Dosing):

1. System - When a system level error occurs, no Drug Interaction, Duplicate Therapy, or Dosing order checks that utilize the COTS database (FDB) will be performed. Other order checks, such as Allergy/ADRs, Duplicate Drug (for outpatient only), and the new CPRS order checks, etc. that are performed entirely within VISTA will continue to be executed.

2. Drug - When a drug level error occurs, no Drug Interaction, Duplicate Therapy, or Dosing order checks will be performed for a specific drug. Drug level errors can occur for the prospective drug (drug being processed) or the profile drug. If a drug level error occurs on the prospective drug, no profile drug errors will be displayed. The only exception to this is when you are processing an IV order with multiple prospective drugs (i.e. multiple IV Additives). Profile drug level errors will only be shown once per patient session.
There are two reasons that a drug level error is generated; the drug is not matched to NDF or the drug is matched to NDF, but the VA Product to which it is matched does not have a GCNSEQNO assigned or the GCNSEQNO assigned does not match up to the GCNSEQNO in the COTS database. The latter (GCNSEQNO mismatch) is rare.

3. Order - The third error level is for the order. Order level errors will only occur with dosing order checks. Please see the Dosing Order Check User Manual for more information.

See table below for an explanation of the errors:

Error Level	Error Message	Reason	Why message is being displayed.
System	No Enhanced Order Checks can be performed.	Vendor Database cannot be reached.	The connectivity to the vendor database has gone down. A MailMan message is sent to the G. PSS ORDER CHECKS mail group when the link goes down and when it comes back up.
System	No Enhanced Order Checks can be performed.	The connection to the vendor database has been disabled.	A user has executed the Enable/Disable Vendor Database Link [PSS ENABLE/DISABLE DB LINK] option and disabled the interface.
System	No Enhanced Order Checks can be performed	Vendor database updates are being processed	The vendor database (custom and standard data) is being updated using the DATUP (Data Update) process.
Drug	Enhanced Order Checks cannot be performed for Local or Remote Outpatient Drug: <DRUG NAME>	Drug not matched to NDF	The local drug being ordered/ or on profile has not been matched to NDF. Matching the drug to a VA Product will eliminate this message.
Drug	Order Checks could not be done for RemoteDrug: <DRUG NAME>, please complete a manual		If this error message is displayed, it means that the VA product that the local or remote drug being ordered/or on local or remote profile does not have a GCNSEQNO or in rare cases, the GCNSEQNO assigned to the

Error Level	Error Message	Reason	Why message is being displayed.
	check for Drug Interactions and Duplicate Therapy.		VA Product does not match up with a GCNSEQNO in the vendor database.
Drug	Enhanced Order Checks cannot be performed for Orderable Item: <OI NAME>	No active Dispense Drug found	Highly unlikely that this error would be seen. At the time the order check was being performed the orderable item did not have an active dispense drug associated.

See examples below to illustrate error sequences:

New Order Entry – System Level Error

```
Select Action: Quit// NO   New Order

Eligibility: SC LESS THAN 50%     SC%: 40
RX PATIENT STATUS: SC LESS THAN 50%//
DRUG: AMLOD
  Lookup: GENERIC NAME
      1    AMLODIPINE 10MG/BENAZAPRIL 20MG TAB          CV400
      2    AMLODIPINE 5MG/ATORVASTATIN 10MG TAB          CV200
CHOOSE 1-2: 1  AMLODIPINE 10MG/BENAZAPRIL 20MG TAB        CV400

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks! Please wait...

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

No Enhanced Order Checks can be performed.
   Reason:  Vendor database cannot be reached.

Press Return to Continue...

Available Dosage(s)

1 TABLET
2 TABLETS

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 1 TABLET

You entered 1 TABLET is this correct? Yes//   YES
VERB: TAKE
ROUTE: PO//
      1   PO  ORAL (BY MOUTH)       PO
      2   PO  ORAL       PO
CHOOSE 1-2: 1  ORAL (BY MOUTH)       PO   MOUTH
Schedule: Q4H (EVERY 4 HOURS)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:
```

Drug Error Message – Finishing Pending Outpatient Order

```
+          Enter ?? for more actions
BY  Bypass                              DC  Discontinue
ED  Edit                                FN  Finish
```

```
Select Item(s): Next Screen// FN   Finish

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks! Please wait...

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

Enhanced Order Checks cannot be performed for Local Drug: WARFARIN 5MG TAB
   Reason: Drug not matched to NDF

Press Return to Continue...

Was treatment for Service Connected condition? YES//

Are you sure you want to Accept this Order? NO//
```

Renewing an Order – Therapeutic Duplication – Drug Level Error

```
+         Enter ?? for more actions
DC   Discontinue          PR   Partial              RL   Release
ED   Edit                 RF   Refill               RN   Renew
Select Action: Next Screen// rn   Renew
FILL DATE: (3/12/2008 - 3/13/2009): TODAY//   (MAR 12, 2008)
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Now Renewing Rx # 2580   Drug: SUCRALFATE 1GM TAB


Press Return to Continue...

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks! Please wait…

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

Order Checks could not be done for Drug: RANITIDINE 150MG TAB, please complete a manual check
for Drug Interactions and Duplicate Therapy.

================================================================================
*** THERAPEUTIC DUPLICATION(S) *** SUCRALFATE 1GM TAB with

                 Local Rx#: 2574
               Drug: CIMETIDINE 300MG TAB (DISCONTINUED)
                SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                QTY: 180              Days Supply: 90
        Processing Status: Released locally on 03/07/08@08:55:32  (Window)
        Last Filled On: 11/08/06

                 Local Rx#: 2573
               Drug: NIZATIDINE 150MG CAP (ACTIVE)
                SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
                QTY: 180              Days Supply: 90
        Processing Status: Released locally on 03/07/08@08:55:32  (Window)
        Last Filled On: 11/08/06
```

```
          Local Rx#: 2599
                Drug: FAMOTIDINE 20MG TAB (PROVIDER HOLD)
                 SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                 QTY: 180               Days Supply: 90
       Processing Status: Released locally on 03/07/08@08:55:32  (Window)
         Last Filled On: 11/08/06

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists

===============================================================================
Discontinue RX #2573 NIZATIDINE 150MG CAP? Y/N   No

Press Return to Continue:

2580A        SUCRALFATE 1GM TAB              QTY: 360
# OF REFILLS: 3  ISSUED: 03-12-08
SIG: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY
FILLED: 03-12-08
ROUTING: WINDOW    PHYS: PSOPROVIDER,ONE

Edit renewed Rx ? Y// n   NO

     SC Percent: 80%
   Disabilities: NONE STATED

Was treatment for a Service Connected condition? NO//
```

Allergy Order Checks

This chapter describes the display of Allergy Order Checks functionality that appear prior to Clinical Reminder Order Checks (CROCs) and Enhanced Order Checks.

The following changes have been made to the existing allergy order checks:

1. In Backdoor Pharmacy, the system will require the pharmacist to complete an Intervention if the severity value equals 'Severe' before allowing the pharmacist to continue with the order.

Note: Severity for an allergy can ONLY be entered for (O)bserved and NOT (H)istorical Allergy/Adverse Reactions and the user MUST HOLD the GMRA-ALLERGY VERIFY key and complete an observed reaction report to enter MECHANISM and SEVERITY for Observed types of Allergy/Adverse Reactions.

Clerk Does Not Get Intervention Prompt:

Observed:

```
Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...


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

   Prospective Drug: NITROGLYCERIN 0.3MG S.L.T.
```

```
      Causative Agent: NITROGLYCERIN (ALBANY - 01/21/16)
 Historical/Observed: OBSERVED
             Severity: SEVERE
        Signs/Symptoms: NAUSEA,VOMITING
            Drug Class: CV250 ANTIANGINALS

   Provider Override Reason: N/A - Order Check Not Evaluated by Provider

Press Return to continue:
Now processing Clinical Reminder Order Checks. Please wait ...
```

Historical:

```
Now doing allergy checks.  Please wait...


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

     Prospective Drug: AMPICILLIN 250MG
      Causative Agent: AMPICILLIN (ALBANY - 01/14/16)
 Historical/Observed: HISTORICAL
             Severity: Not Entered
          Ingredients: AMPICILLIN
        Signs/Symptoms: DRY MOUTH, HIVES
           Drug Class: AM111 PENICILLINS,AMINO DERIVATIVES
```

```
Press Return to continue:
Now processing Clinical Reminder Order Checks. Please wait ...
```

2. Allergies that are mild or moderate are still captured and stored by order number in the
    ORDER CHECK INSTANCES file (#100.05), regardless of whether or not an
    intervention was entered. The information can be viewed from the prescription screen
    using the hidden action – DA Display Drug Allergies

CPRS Allergy Entry Process

From the Order tab, enter a new allergy using the Allergies Dialog:

Outpatient Pharmacy V. 7.0   December 2016
                    Technician's User Manual

Example of Historical Allergy:

Example of Observed Allergy:

OneVA Pharmacy Processing within Patient Prescription Processing

Note: For information regarding OneVA Pharmacy processing go to the VA Software Document Library (VDL), select the Clinical section then choose the "Pharm: Outpatient Pharmacy" page. Locate the "User Manual – OneVA Pharmacy" document.

OneVA Pharmacy patch PSO*7*454 introduces new messaging to query the Health Data Repository/Clinical Data Services (HDR/CDS) Repository for prescriptions from other VA Pharmacy locations and displays them in the Medications Profile view. The new query will only execute if the patient has been treated at more than one VA Medical Center. The query retrieves all prescriptions associated with the patient from the repository, which requires additional time. To execute the HDR/CDS Repository query, the user must accept the default of 'YES' to the 'Would you like to query prescriptions from other OneVA Pharmacy locations?' prompt. When the user responds 'YES' or accepts the default to the OneVA Pharmacy prompt, the system displays the OneVA Pharmacy Query Message.

The OneVA Pharmacy's feature to query the HDR/CDS Repository will not execute if the patient has only one entry in the 'TREATING FACILITY LIST file (#391.91)'.

The system identifies and queries the HDR/CDS Repository for all the prescriptions that are active, suspended, on hold, expired (within 120 days), or discontinued (within 120 days).

If the query connection to the HDR/CDS Repository fails, a message will display stating 'The system is down or not responding. Could not query prescriptions at other VA Pharmacy locations. The user should press return to continue and contact local support if this problem persists.

When the system is down message displays, the VistA session will continue to display the local/dispensing sites prescriptions on the Medication Profile view. There will be no indication if a patient is registered or has prescriptions on other sites (i.e., remote site/OneVA Pharmacy prescriptions will not display on the Medication Profile view.)

If the patient does not have any prescription records from other VA Pharmacy locations, matching the search criteria, a message will display stating the "Patient found with no prescription records matching search criteria."

Example: OneVA Pharmacy Processing

```
Select PATIENT NAME:    PSOPATIENT,SIX         2-13-61    666012136     NO
NSC VETERAN

No Patient Warnings on file for PSOPATIENT,SIX.

Press RETURN to continue...

          PSOPATIENT,SIX (666-01-2136)
     No Allergy Assessment!

Press Return to continue:

Would you like to query prescriptions from other OneVA Pharmacy
locations? YES//

Please wait. Checking for prescriptions at other VA Pharmacy locations. This may
 take a moment...


REMOTE PRESCRIPTIONS AVAILABLE!
Display Remote Data? N// O

Eligibility:
RX PATIENT STATUS: OUTPT NON-SC//

OneVA Pharmacy Refill Example

Medication Profile          Jul 27, 2016@10:11:28        Page:    1 of    1
PSOPATIENT,SIX                                <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                            Ht(cm): _____  (_____)
```

```
   DOB: FEB 13,1961 (55)                                Wt(kg): _____  (_____)
   SEX: FEFEMALE
 CrCL: <Not Found>                                     BSA (m2): _____
                                                            ISSUE  LAST REF DAY
   #  RX #           DRUG                         QTY ST   DATE   FILL REM SUP

<No local prescriptions found.>
------------------------DAYTSHR TEST LAB (984) ACTIVE-------------------------
 1 2718861      CETIRIZINE HCL 10MG TAB               30 A  05-21 07-07   7  30
 2 2718863      HYDRALAZINE HCL 25MG TAB              60 A  05-11 05-11   5  60
 3 2718862      IBUPROFEN 800MG TAB                   60 A  05-31 05-31  11  30




          Enter ?? for more actions
PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order
Select Action: Quit//


Select Action: Quit// SO    Select Order
Select Orders by number:   (1-3): 3


REMOTE OP Medications (ACTIVE)Jul 27, 2016@10:12:37        Page:    1 of    1
PSOPATIENT,SIX                              <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                            Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                       Wt(kg): _____  (_____)
  SEX: FEFEMALE
 CrCL: <Not Found>                          BSA (m2): _____

         Site #: 984(DAYTSHR TEST LAB)
           Rx #: 2718862
      Drug Name: IBUPROFEN 800MG TAB
    Days Supply: 30
       Quantity: 60
        Refills: 11
Expiration Date: 06/01/17
     Issue Date: 05/31/16
      Stop Date: 06/01/17
 Last Fill Date: 05/31/16
            Sig: TAKE ONE TABLET BY MOUTH TWICE A DAY AS NEEDED --TAKE WITH
                 FOOD IF GI UPSET OCCURS/DO NOT CRUSH OR CHEW--

          Enter ?? for more actions
RF   Refill Rx from Another VA Pharmacy PR    Partial
Select Action:Quit//


Select Action:Quit// RF


Select Action:Quit// RF    Refill Rx from Another VA Pharmacy


Remote site drug name: IBUPROFEN 800MG TAB
Matching Drug Found for Dispensing: IBUPROFEN 800MG TAB
Would you like to use the system matched drug for this
refill/partial fill? NO//


refill/partial fill? NO// YES


Processing refill request. Please be patient as it may take a moment
for the host site to respond and generate your label data...
```

```
MESSAGE SENT TO TARGET VISTA; TIMED OUT AWAITING REPLY
Press RETURN to continue:

Processing refill request. Please be patient as it may take a moment
for the host site to respond and generate your label data...

Select LABEL DEVICE:


Select LABEL DEVICE: 0  DEC Windows

   VAMC DAYTON, OH  45428-0415                    VAMC DAYTON, OH  45428-041
5                    (REPRINT)
   984  937-267-5325   (35783/ )                  984  937-267-5325   (35783
/ )                  984 (35783/ ) JUL 27,2016@10:14:57
Rx# 2718862  JUL 27,2016  Fill 2 of 12           Rx# 2718862  JUL 27,2016
Fill 2 of 12          Rx# 2718862  JUL 27,2016  Fill 2 of 12
PSOPATIENT,SIX                                   PSOPATIENT,SIX
                     PSOPATIENT,SIX
TAKE ONE TABLET BY MOUTH TWICE A DAY AS NEEDED    TAKE ONE TABLET BY MOUTH T
WICE A DAY AS NEEDED  TAKE ONE TABLET BY MOUTH TWICE A DAY AS NEEDED
--TAKE WITH FOOD IF GI UPSET OCCURS/DO NOT        --TAKE WITH FOOD IF GI UPS
ET OCCURS/DO NOT      --TAKE WITH FOOD IF GI UPSET OCCURS/DO NOT
CRUSH OR CHEW--                                  CRUSH OR CHEW--
                     CRUSH OR CHEW--
GUIGLIA,MARY C                                   GUIGLIA,MARY C
                     GUIGLIA,MARY C
Qty: 60  TAB                                     Qty: 60  TAB
                     Qty: 60  TAB
IBUPROFEN 800MG TAB                              IBUPROFEN 800MG TAB
                     IBUPROFEN 800MG TAB
                                                 10 Refills remain prior to
 JUN 1,2017          Mfg _____  Lot# _____
PO BOX 415                                       COPAY    Days Supply: 30
                     Tech_____RPh_____
DAYTON, OH  45428-0415


ADDRESS SERVICE REQUESTED
                     Read FDA Med Guide

***DO NOT MAIL***                               ,
                     Routing: WINDOW

                     Days supply: 30 Cap: SAFETY

                     Isd: MAY 31,2016 Exp: JUN 1,2017
PSOPATIENT,SIX                                   *Indicate address change o
n back of this form   Last Fill: 05/31/2016
                                                 [ ] Permanent
                     Pat. Stat ONSC Clinic: CINCI
                                                 [ ] Temporary until __/__/
__                   DRUG WARNING 8,10,19

                                                 Signature_____
_____
                                                 PSOPATIENT,SIX
                     PSOPATIENT,SIX
                                                 Rx# 2718862
```

```
                    Verified Allergies                    IBUPROFEN 800MG TAB

                    -----------------                     DRUG WARNING:

ERAGES                                                    DO NOT DRINK ALCOHOLIC BEV

n.                  Non-Verified Allergies                when taking this medicatio

                    ----------------------                TAKE WITH FOOD OR MILK.

n you                                                     This is the same medicatio

 size               Verified Adverse Reactions            have been getting.  Color,

ent.                -------------------------             or shape may appear differ


                    Non-Verified Adverse Reactions

                    ------------------------------
                                                          PSOPATIENT,SIX    JUL 27,20
16


Pharmacy Service (119)
DAYTON
P.O. BOX 415
DAYTON, OH  45428-0415




Use the label above to mail the computer
copies back to us. Apply enough postage
to your envelope to ensure delivery.

The VA Notice of Privacy Practices, IB 10-163, which outlines your privacy
rights, is available online at http://www1.va.gov/Health/ or you may obtain
a copy by writing the VHA Privacy Office (19F2), 810 Vermont Avenue NW,
Washington, DC 20420.

Rx # 2718862 refilled.
Press RETURN to continue:

Updating prescription order list...

OneVA Pharmacy Partial Example

Medication Profile          Jul 27, 2016@10:26:23          Page:    1 of    1
PSOPATIENT,SIX                            <NO ALLERGY ASSESSMENT>
   PID: 666-01-2136                       Ht(cm): _____ (_____)
   DOB: FEB 13,1961 (55)                  Wt(kg): _____ (_____)
```

```
  SEX: FEFEMALE
 CrCL: <Not Found>                                    BSA (m2): _____
                                                         ISSUE  LAST REF DAY
  #  RX #           DRUG                              QTY ST  DATE   FILL REM SUP

<No local prescriptions found.>
-------------------------DAYTSHR TEST LAB (984) ACTIVE-------------------------
 1 2718861       CETIRIZINE HCL 10MG TAB                 30 A  05-21 07-07   7  30
 2 2718863       HYDRALAZINE HCL 25MG TAB                60 A  05-11 05-11   5  60
 3 2718862       IBUPROFEN 800MG TAB                     60 A  05-31 07-27  10  30




         Enter ?? for more actions
PU  Patient Record Update              NO   New Order
PI  Patient Information                SO   Select Order
Select Action: Quit//



Select Action:Quit// PR    Partial

Remote site drug name: CETIRIZINE HCL 10MG TAB
Matching Drug Found for Dispensing: CETIRIZINE HCL 10MG TAB
Would you like to use the system matched drug for this
refill/partial fill? NO// YES
Enter Quantity:  10
DAYS SUPPLY:  10
Select PHARMACIST Name: COPE,THOMAS J//        TJC      192     BAY PINES TEST LA
B
REMARKS: last refill lost

Processing partial fill request. Please be patient as it may take a moment
for the host site to respond and generate your label data...


Select LABEL DEVICE:

Select LABEL DEVICE: 0  DEC Windows

   VAMC DAYTON, OH  45428-0415                      VAMC DAYTON, OH  45428-041
5                    (REPRINT)(PARTIAL)
   984   937-267-5325   (35783/ )                   984   937-267-5325   (35783
/ )                      984 (35783/ ) JUL 27,2016@10:29:20
Rx# 2718861  JUL 27,2016  Fill 2 of 9             Rx# 2718861   JUL 27,2016
Fill 2 of 9          Rx# 2718861   JUL 27,2016  Fill 2 of 9
PSOPATIENT,SIX                                     PSOPATIENT,SIX
                     PSOPATIENT,SIX
TAKE ONE TABLET BY MOUTH DAILY                     TAKE ONE TABLET BY MOUTH D
AILY                    TAKE ONE TABLET BY MOUTH DAILY


GUIGLIA,MARY C                                     GUIGLIA,MARY C
                     GUIGLIA,MARY C
Qty: 10  TAB                                       Qty: 10  TAB
                     Qty: 10  TAB
CETIRIZINE HCL 10MG TAB                            CETIRIZINE HCL 10MG TAB
                     CETIRIZINE HCL 10MG TAB
                                                   7 Refills remain prior to
MAY 22,2017          Mfg _____ Lot# _____
PO BOX 415                                         Days Supply: 10
```

```
                         Tech_____RPh_____
DAYTON, OH  45428-0415


ADDRESS SERVICE REQUESTED

***DO NOT MAIL***                               ,
                         Routing: WINDOW

                         Days supply: 10 Cap: SAFETY

                         Isd: MAY 21,2016 Exp: MAY 22,2017
PSOPATIENT,SIX                                  *Indicate address change o
n back of this form      Last Fill: 05/23/2016
                                                [ ] Permanent
                         Pat. Stat ONSC Clinic: CINCI
                                                [ ] Temporary until __/__/
__                       DRUG WARNING 1,8


                                                Signature_____
_____
                                                PSOPATIENT,SIX
                         PSOPATIENT,SIX
                                                Rx# 2718861

                                                CETIRIZINE HCL 10MG TAB
                         Verified Allergies
                         ------------------   DRUG WARNING:

                                                 -MAY CAUSE DROWSINESS-

                                                Alcohol may intensify this
 effect.                 Non-Verified Allergies
                         ---------------------   USE CARE when driving or

                                                when operating dangerous m
achinery.
                                                DO NOT DRINK ALCOHOLIC BEV
ERAGES                   Verified Adverse Reactions
                         -------------------------   when taking this medicatio
n.


                         Non-Verified Adverse Reactions

                         ------------------------------
                                                PSOPATIENT,SIX   JUL 27,20
16


Pharmacy Service (119)
DAYTON
P.O. BOX 415
DAYTON, OH  45428-0415
```

```
Use the label above to mail the computer
copies back to us. Apply enough postage
to your envelope to ensure delivery.

The VA Notice of Privacy Practices, IB 10-163, which outlines your privacy
rights, is available online at http://www1.va.gov/Health/ or you may obtain
a copy by writing the VHA Privacy Office (19F2), 810 Vermont Avenue NW,
Washington, DC 20420.

Partial complete for RX #2718861.
Press RETURN to continue:

Updating prescription order list...


Medication Profile          Jul 27, 2016@10:31:11          Page:    1 of    1
PSOPATIENT,SIX                              <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                            Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                       Wt(kg): _____  (_____)
  SEX: FEFEMALE
 CrCL: <Not Found>                        BSA (m2): _____
                                                     ISSUE   LAST REF DAY
  #  RX #         DRUG                        QTY ST  DATE   FILL REM SUP

<No local prescriptions found.>
-----------------------DAYTSHR TEST LAB (984) ACTIVE------------------------
 1 2718861        CETIRIZINE HCL 10MG TAB              30 A  05-21 07-07    7  30
 2 2718863        HYDRALAZINE HCL 25MG TAB             60 A  05-11 05-11    5  60
 3 2718862        IBUPROFEN 800MG TAB                  60 A  05-31 07-27   10  30




          Enter ?? for more actions
PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order
Select Action: Quit//
Medication Profile          Jul 28, 2016@05:20:23          Page:    1 of    3
PSOPATIENT,SIX                              <NO ALLERGY ASSESSMENT>
  PID: 666-01-2136                            Ht(cm): _____  (_____)
  DOB: FEB 13,1961 (55)                       Wt(kg): _____  (_____)
  SEX: FEMALE
 CrCL: <Not Found>                        BSA (m2): _____
                                                     ISSUE   LAST REF DAY
  #  RX #         DRUG                        QTY ST  DATE   FILL REM SUP

----------------------------------ACTIVE------------------------------------
 1 10000126       FLUTICAS 100/SALMETEROL 50 INHL DISK 60  E> 06-01 02-02   11  45
                                             Qty: 2
 2 10000128       NIACIN 250MG TAB                    270 S> 06-08 08-27    2  90
 3 10000122       RAMIPRIL 5MG CAP                     30 A> 05-31 05-31    8  30
------------------------------DISCONTINUED----------------------------------
 4 10000125       HYDROCHLOROTHIAZIDE 25MG TAB         60 DC>02-01 02-02    5  60
----------------------------------HOLD--------------------------------------
 5 10000127       LISINOPRIL 2.5MG TAB                 90 H> 03-10   -      3  90
---------------------------DAYTON (552) ACTIVE------------------------------
+         Enter ?? for more actions
```

```
PU   Patient Record Update          NO   New Order
PI   Patient Information            SO   Select Order
```

Outpatient Allergy Order Entry Process

Observed Allergy Example

```
Patient Information        Jan 20, 2016@16:50:39      Page:    2 of
2
ROWPATNM,BOAT                                                   <A>
  PID: 666-00-0363                        Ht(cm): _____ (_____)
  DOB: MAR 4,1950 (65)                    Wt(kg): _____ (_____)
  SEX: FEMALE
+
Non-Verified: PENICILLIN,
     Remote:

Adverse Reactions
    Verified: ASPIRIN,


         Enter ?? for more actions
EA  Enter/Edit Allergy/ADR Data       PU  Patient Record Update
DD  Detailed Allergy/ADR List         EX  Exit Patient List
Select Action: Quit// EA   Enter/Edit Allergy/ADR Data


                                                        OBS/
REACTANT                               VER.   MECH.   HIST
TYPE
--------                               ----  -------  ---- ---
-
PENICILLIN                              NO    UNKNOWN  OBS
DRUG
    Reactions: RASH
ASPIRIN                                 YES   PHARM    OBS
DRUG
    Reactions: ANXIETY
FOOD
CHOCOLATE                               AUTO  UNKNOWN  HIST
DRUG
 (FLAVOR)
FOOD
    Reactions: ANXIETY

Enter Causative Agent: GENTAMICIN

Checking existing PATIENT ALLERGIES (#120.8) file for matches...


Now checking GMR ALLERGIES (#120.82) file for matches...


Now checking the National Drug File - Generic Names (#50.6)

    1   GENTAMICIN
```

```
     2    GENTAMICIN/PREDNISOLONE
     3    GENTAMICIN/SODIUM CHLORIDE
CHOOSE 1-3: 1  GENTAMICIN
   GENTAMICIN   OK? Yes//   (Yes)


(O)bserved or (H)istorical Allergy/Adverse Reaction: O  OBSERVED
Select date reaction was OBSERVED (Time Optional):  T-15  (JAN 05, 2016)
JAN 0
5, 2016  (JAN 05, 2016)
  Are you adding 'JAN 05, 2016' as
    a new ADVERSE REACTION REPORTING? No// Y  (Yes)

No signs/symptoms have been specified.  Please add some now.

The following are the top ten most common signs/symptoms:
 1. ANXIETY                           7. HIVES
 2. ITCHING,WATERING EYES            8. DRY MOUTH
 3. ANOREXIA                          9. DRY NOSE
 4. DROWSINESS                       10. RASH
 5. NAUSEA,VOMITING                  11. OTHER SIGN/SYMPTOM
 6. DIARRHEA
Enter from the list above :  7,10
Date(Time Optional) of appearance of Sign/Symptom(s): Jan 05, 2016//  (JAN
05, 2
016)


The following is the list of reported signs/symptoms for this reaction:

     Signs/Symptoms                          Date Observed
------------------------------------------------------------------------
  1  HIVES                                   Jan 05, 2016
  2  RASH                                    Jan 05, 2016


Select Action (A)DD, (D)ELETE OR <RET>:



COMMENTS:
  No existing text
  Edit? NO//
Enter another Causative Agent? YES// NO


Causative Agent Data edited this Session:
ADVERSE REACTION
----------------
  GENTAMICIN

           Obs/Hist: OBSERVED
            Obs d/t: Jan 05, 2016
     Signs/Symptoms: HIVES (1/5/16)
                     RASH (1/5/16)

Is this correct? NO// YES
This session you have CHOSEN:
     GENTAMICIN
```

```
Historical Allergy entry

Patient Information          Jan 20, 2016@17:02:40        Page:    1 of
2
OPHEPPAT,ONE                                                       <A>
  PID: 666-03-1990                          Ht(cm): _____  (_____)
  DOB: MAR 19,1990 (25)                     Wt(kg): _____  (_____)
  SEX: MALE               Non-VA Meds on File - Last entry on 08/04/15

Eligibility:
RX PATIENT STATUS: OTHER FEDERAL


Disabilities:


                                            HOME PHONE:
                                            CELL PHONE:
                                            WORK PHONE:
Prescription Mail Delivery: Regular Mail



Allergies
    Verified: METFORMIN, PENICILLIN, ASPIRIN,
+        Enter ?? for more actions
EA  Enter/Edit Allergy/ADR Data        PU  Patient Record Update
DD  Detailed Allergy/ADR List          EX  Exit Patient List
Select Action: Next Screen// ea   Enter/Edit Allergy/ADR Data




                                                         OBS/
REACTANT                                  VER.   MECH.   HIST
TYPE
--------                                  ----   -------  ----  ---
-
METFORMIN                                 AUTO   ALLERGY  OBS
DRUG
 (METFORMIN HYDROCHLORIDE)
    Reactions: ANXIETY, HIVES, ITCHING,WATERING EYES
OXYCODONE                                 NO     ALLERGY  OBS
DRUG
    Reactions: COMA, SHORTNESS OF BREATH
PENICILLIN                                AUTO   ALLERGY  OBS
DRUG
    Reactions: ANAPHYLAXIS, RASH, NAUSEA,VOMITING,
              BELCHING
ASPIRIN                                   AUTO   ALLERGY  OBS
DRUG
    Reactions: DIARRHEA, NAUSEA,VOMITING, HIVES
FOOD

Enter Causative Agent: Gentamicin

Checking existing PATIENT ALLERGIES (#120.8) file for matches...
```

```
Now checking GMR ALLERGIES (#120.82) file for matches...


Now checking the National Drug File - Generic Names (#50.6)

     1   GENTAMICIN
     2   GENTAMICIN/PREDNISOLONE
     3   GENTAMICIN/SODIUM CHLORIDE
CHOOSE 1-3: 1  GENTAMICIN
   GENTAMICIN   OK? Yes//   (Yes)

(O)bserved or (H)istorical Allergy/Adverse Reaction: h  HISTORICAL


No signs/symptoms have been specified.  Please add some now.

The following are the top ten most common signs/symptoms:
 1. ANXIETY                          7. HIVES
 2. ITCHING,WATERING EYES           8. DRY MOUTH
 3. ANOREXIA                         9. DRY NOSE
 4. DROWSINESS                      10. RASH
 5. NAUSEA,VOMITING                 11. OTHER SIGN/SYMPTOM
 6. DIARRHEA
Enter from the list above :  7,10
Date(Time Optional) of appearance of Sign/Symptom(s): t  (JAN 20, 2016)


The following is the list of reported signs/symptoms for this reaction:

     Signs/Symptoms                          Date Observed
------------------------------------------------------------------------
  1  HIVES                                   Jan 20, 2016
  2  RASH                                    Jan 20, 2016

Select Action (A)DD, (D)ELETE OR <RET>:


COMMENTS:
  No existing text
  Edit? NO//
Enter another Causative Agent? YES// n  NO


Causative Agent Data edited this Session:
ADVERSE REACTION
----------------
  GENTAMICIN

          Obs/Hist: HISTORICAL
     Signs/Symptoms: HIVES (1/20/16)
                     RASH (1/20/16)

Is this correct? NO// y  YES
This session you have CHOSEN:
     GENTAMICIN
```

Clinical Reminder Order Checks

This section describes the Clinical Reminder Order Checks and functionality brought in with patch PSO*7*411.

Order Checks now includes the ability to view Clinical Reminders (prior to the display of Enhanced Drug-Drug interactions). Reminders are used to aid physicians in performing tasks to fulfill Clinical Practice Guidelines and periodic procedures or education as needed for veteran patients.

Note: Technicians do not get prompted for interventions.

Severe Clinical Reminder Example

```
Now processing Clinical Reminder Order Checks. Please wait ...




============================================================
*** Clinical Reminder Order Check | Severity: HIGH ***

Potentially Teratogenic Medication (FDA Category D or C)

Concern has been raised about use of this medication during pregnancy.
1) Pregnancy status should be determined. Discuss use of this medication on the
context of risks to the mother and child of untreated disease. Potential
benefits may warrant use of the drug in pregnant women despite risks.
2) The patient must be provided contraceptive counseling on potential risk vs.
benefit of taking this medication if she were to become pregnant.
************************************************************************

The 'Teratogenic Medications' Order Check will display for female patients
between the ages of 12 and 50, except those with a known exclusion criterion
(e.g., hysterectomy), or those with a documented IUD placement that is more
recent than a documented IUD removal.
-------------------------------------------------------------
Do you want to Continue? Y// ES
```

Medium Severity Clinical Reminder Example

```
*** Clinical Reminder Order Check | Severity: MEDIUM ***
This patient has received NSAID/Cox II for at least 365 days. A Creatinine level
Is recommended at this time to safely monitor NSAID/Cox II Therapy.
-------------------------------------------------------------
Do you want to Continue? Y//
```

Enhanced Drug-Drug Interactions

This section describes the enhanced Outpatient Pharmacy application Drug-Drug interaction functionality (PSO*7*251).

Legacy VistA drug-drug interactions have been enhanced to utilize First DataBank (FDB) MedKnowledge Framework business rules, Application Programming Interfaces (APIs) and database to provide more clinically relevant drug interaction information. VistA severity levels of 'critical' and 'significant' will continue to be used. No changes have been made to the existing user actions for critical or significant drug interactions. The pharmacist will have to log an intervention for local, pending and remote critical interactions and have the option of logging an intervention for local and remote significant interactions. No action is required for Non-VA medications orders.

See examples:

Drug interaction warning message for a local outpatient order:

Critical Drug Interaction with Local Rx

```
***CRITICAL*** Drug Interaction with Prospective Drug:
                INDINAVIR 400MG CAP and

      Local Rx#: 2443
           Drug: AMIODARONE 200MG TAB  (ACTIVE)
            SIG: TAKE ONE TABLET BY MOUTH THREE TIMES DAILY
   Processing Status: Released locally on 11/08/06@08:55:32  (Window)
   Last Filled On: 11/08/06

The concurrent administration of amiodarone with indinavir,(1) nelfinavir,(2) ritonavir,(3)
or tipranavir coadministered with ritonavir(4) may result in increased levels, clinical
effects, and toxicity of amiodarone.
```

SIGNIFICANT Drug Interaction with Local Rx

```
***SIGNIFICANT*** Drug Interaction with Prospective Drug:
                 WARFARIN 5MG TAB and

      Local RX#: 2443
           Drug: ASPIRIN 325MG TAB (ACTIVE)
            SIG: TAKE ONE TABLET BY MOUTH THREE TIMES DAILY
    Processing Status: Released locally on 11/08/06@08:55:32  (Window)
   Last Filled On: 11/08/06

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS
```

Drug interaction warning message for a remote outpatient order:

Significant Drug Interaction with Remote Rx

```
*** Significant*** Drug Interaction with Prospective Drug:
                 WARFARIN 5MG TAB and

       LOCATION: <VA or DOD facility>  Remote RX#: 10950021
           Drug: ASPIRIN 325MG EC TAB (ACTIVE)
            SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
   Last Filled On: 11/08/06

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS
```

Critical Drug Interaction with Remote Rx

```
***CRITICAL*** Drug Interaction with Prospective Drug:
                INDINAVIR 400MG CAP and

       LOCATION: <VA or DOD Facility>   Remote Rx#: 2443
```

```
        Drug: AMIODARONE 200MG TAB  (ACTIVE)
         SIG: TAKE ONE TABLET BY MOUTH THREE TIMES DAILY
Last Filled On: 11/08/06

The concurrent administration of amiodarone with indinavir,(1) nelfinavir,(2) ritonavir,(3)
or tipranavir coadministered with ritonavir(4) may result in increased levels, clinical
effects, and toxicity of amiodarone.
```

Drug interaction warning message that is currently displayed for a Non-VA medication:

Critical Drug Interaction with Non-VA Med Order

```
***Critical*** Drug Interaction with Prospective Drug:
                    WARFARIN 5MG TAB and

          Non-VA Med: CIMETIDINE 200MG TAB
             SIG: ONE TABLET     Schedule: AT BEDTIME

The pharmacologic effects of warfarin may be increased resulting in severe bleeding.
```

Significant Drug Interaction with Non-VA Med Order

```
***Significant*** Drug Interaction with Prospective Drug:
                    WARFARIN 5MG TAB and

          Non-VA Med: ASPIRIN 325MG TAB
             SIG: ONE TABLET     Schedule: <NOT ENTERED>

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS
```

Drug interaction warning message that shall be displayed for a pending order:

Critical Drug Interaction with Pending Order

```
***CRITICAL*** Drug Interaction with Prospective Drug:
                    INDINAVIR 400MG CAP and

     Pending Drug: AMIODARONE 200MG TAB
             SIG: TAKE ONE TABLET EVERY 8 HOURS

The concurrent administration of amiodarone with indinavir,(1) nelfinavir,(2) ritonavir,(3)
or tipranavir coadministered with ritonavir(4) may result in increased levels, clinical
effects, and toxicity of amiodarone.
```

Significant Drug Interaction with Pending Order

```
***SIGNIFICANT*** Drug Interaction with Prospective Drug:
                    WARFARIN 5MG TAB and

     Pending Drug: ASPIRIN 325MG TAB
             SIG: TAKE ONE TABLET EVERY 8 HOURS

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS
```

Clinic Orders

Clinic orders are created via CPRS generally using the Meds Inpatient tab or the IV Fluids tab. Drug orders that have a clinic and an appointment date and time are considered clinic orders. The clinic must be defined with 'ADMINISTER INPATIENT MEDS?' prompt answered YES under the SETUP A CLINIC [SDBUILD] option in the Scheduling package. Defining the clinic in this manner ensures that an appointment date and time are defined. Orders placed via backdoor inpatient medications are not considered clinic orders.

MOCHA v1.0 Enhancements 1 adds drug interaction and therapeutic duplication order checks for clinic orders to Outpatient Pharmacy. Previously Inpatient Medications package performed order checks on active, pending, and non-verified clinic orders. With the MOCHA v1.0 Enhancements 1, Inpatient medications will perform enhanced order checks for recently discontinued and expired inpatient medications clinic orders.

For both packages, the system will display clinic orders in a standard format to differentiate them from Inpatient Medications and Outpatient Pharmacy order checks.

Discontinued/expired orders must have a stop date within the last 90 days to be evaluated during enhanced order checks. For pending clinic orders, a variety of start and stop dates are available based on the information that the provider enters during initial order entry. The following are the scenarios that drive which dates will be displayed for the clinic order:

- If there are start/stop dates defined, they are displayed.

- If there are no stop/start dates defined, the 'requested start/stop dates' will be displayed with the word "Requested" prior to the start/stop date header.

- If there are no requested start/stop dates defined, the order date will be displayed and the start/stop date headers will be displayed with "********" for the date.

- If there is either a requested start date or a requested stop date, the available date will be displayed and "********" will be displayed for the undefined date.

Unit Dose Clinic Order Check Example:

```
Now Processing Enhanced Order Checks!  Please wait...

***CRITICAL*** Drug Interaction with Prospective Drug:
               CIMETIDINE 300 MG and

    Clinic Order: PHENYTOIN 100MG CAP (DISCONTINUED)
        Schedule: Q8H
          Dosage: 100MG
      Start Date: FEB 27, 2012@13:00
       Stop Date: FEB 28, 2012@15:22:27

 Concurrent use of cimetidine or ranitidine may result in elevated levels
 of and toxicity from the hydantoin.Neutropenia and thrombocytopenia have
 been reported with concurrent cimetidine and phenytoin.
```

IV Clinic Order Check Example:

```
***CRITICAL*** Drug Interaction with Prospective Drug:
               WARFARIN 2MG TAB and

       Clinic Order: POTASSIUM CHLORIDE 20 MEQ (ACTIVE)
 Other Additive(s): MAGNESIUM SULFATE 1 GM (1), CALCIUM GLUCONATE 1 GM (2),
                    HEPARIN 1000 UNITS, CIMETIDINE 300 MG
       Solution(s): DEXTROSE 20% 500 ML 125 ml/hr
                    AMINO ACID SOLUTION 8.5% 500 ML 125 ml/hr
        Start Date: APR 05, 2012@15:00
         Stop Date: APR 27, 2012@24:00

 The pharmacologic effects of warfarin may be increased resulting in severe
 bleeding.
```

Therapeutic Duplication – IV and Unit Dose clinic order therapeutic duplications display in the same format as drug interactions.

Unit Dose Clinic Order Check Example:

```
*** THERAPEUTIC DUPLICATION(S) *** POTASSIUM CHLORIDE 30 MEQ with

        Clinic Order: POTASSIUM CHLORIDE 10MEQ TAB (PENDING)
            Schedule: BID
              Dosage: 20MEQ
 Requested Start Date: NOV 20, 2012@17:00
           Stop Date: ********

Class(es) Involved in Therapeutic Duplication(s): Potassium
```

IV Order Check Example:

```
*** THERAPEUTIC DUPLICATION(S) *** CEFAZOLIN 1 GM with

        Clinic Order: CEFAZOLIN 2 GM (PENDING)
         Solution(s): 5% DEXTROSE 50 ML OVER 30 MINUTES
            Schedule: Q8H
          Order Date: NOV 20, 2012@11:01
          Start Date: ********
           Stop Date: ********

        Clinic Order: CEFAZOLIN SOD 1GM INJ (EXPIRED)
         Solution(s): 5% DEXTROSE 50 ML OVER 30 MINUTES
            Schedule: Q12H
          Start Date: OCT 24, 2012@16:44
           Stop Date: OCT 25, 2012@24:00

Class(es) Involved in Therapeutic Duplication(s): Beta-Lactams,
Cephalosporins, Cephalosporins - 1st Generation
```

The Duplicate Drug order check is performed against active, pending, non-verified, orders on hold (initiated through pharmacy or CPRS), expired and discontinued orders. The timeframe for inclusion of expired and discontinued orders is determined by the display rules on the medication profile. This check will be performed on active Non-VA Medication orders.

Users have the capability to discontinue duplicate orders. The existing order will only be discontinued upon acceptance of the order being processed. No discontinue actions can be performed on remote outpatient orders, Non-VA medications, discontinued, and expired orders or orders placed on provider hold through CPRS. If the DRUG CHECK FOR CLERK outpatient site parameter is set to 'No', no discontinue action is allowed for a clerk on a duplicate drug check. If a medication order is being entered through the pharmacy backdoor options it will be deleted. If finishing a pending order, the user will be forced to discontinue it.

Any remote Outpatient order (from another VAMC or Department of Defense (DoD) facility) using data from Health Data Repository Historical (HDR-Hx) or Health Data Repository-Interim Messaging Solution (HDR-IMS) that has been expired for 30 days or less will be included in the list of medications to be checked.

The Duplicate Drug warning displays the following information for a local or remote outpatient medication order:

Local Rx

```
Duplicate Drug in Local Rx:

                 Rx #: 2608
                 Drug: ASPIRIN 81MG EC TAB
                  SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                  QTY: 30          Refills remaining: 11
             Provider: PSOPROVIDER,TEN        Issued: 03/24/08
               Status: Active        Last filled on: 03/24/08
    Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                          Days Supply: 30
```

Remote Rx

```
Duplicate Drug in Remote Rx:

        LOCATION NAME: <NAME OF FACILITY>
                 Rx #: 2608
                 Drug: ASPIRIN 81MG EC TAB
                  SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                  QTY: 30          Refills remaining: 11
             Provider: PSOPROVIDER,TEN        Issued: 03/24/08
               Status: Active        Last filled on: 03/24/08
                                          Days Supply: 30
```

Duplicate Drug order check for Pending Orders:

Pending Order

```
DUPLICATE DRUG in a Pending Order for:

                 Drug: ALLOPURINOL 300MG TAB
                  SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                  QTY: 180              # of Refills: 3
             Provider: PSOPROVIDER,TEN      Issue Date: 03/24/08@14:44:15
     Provider Comments: <only if data present>
```

Duplicate Drug order check for Non-Va Medications:

Non-VA Med Order

```
Duplicate Drug in a Non-VA Med Order for

                 Drug: CIMETIDINE 300MG TAB
               Dosage: 300MG
             Schedule: AT BEDTIME
     Medication Route: MOUTH
           Start Date: <NOT ENTERED>     CPRS Order #: 13554
        Documented By: PSOPROVIDER,TEN on Mar 24, 2008@14:44:15
```

Duplicate Drug Order Check business rules:

a. If the DRUG CHECK FOR CLERK outpatient site parameter is set to NO, the system will not prompt a clerk (no PSORPH key) to discontinue the order when a Duplicate Drug order check occurs.

b. If the DRUG CHECK FOR CLERK outpatient site parameter is set to NO, and a new order is being entered by a clerk (no PSORPH key) via the pharmacy backdoor, the order being processed will be deleted by the system immediately after the duplicate drug warning is displayed.

c. If the duplicate drug is a remote order, the system will allow the clerk to process the new order after the display of the duplicate drug warning.

d. If the DRUG CHECK FOR CLERK outpatient site parameter is set to NO, and a clerk (no PSORPH key) is finishing a pending order:

d1. When the VERIFICATION outpatient site parameter is set to YES and the duplicate drug is a local order, the system will return the user back to the detailed order ListMan display with the available actions of Accept/Edit/Discontinue.

d2. When the VERIFICATION outpatient site parameter is set to YES and the duplicate drug is a remote order.

d2a. A duplicate drug warning will be displayed.

d2b. The clerk will be allowed to finish the order.

d2c. The finished order will have a status of non-verified.

d3. When the VERIFICATION outpatient site parameter is set to NO, the clerk will not be allowed to finish the order.

d4. If the DRUG CHECK FOR CLERK outpatient site parameter is set to Yes, a clerk (no PSORPH key) will see the same discontinue prompts as a pharmacist.

e. If the VERIFICATION outpatient site parameter is set to YES when reinstating an order, no duplicate message will be displayed and the reinstated order will have a non-verified status.

f. No discontinuation prompt will be displayed for a duplicate Non-VA medication order in any situation.

After the Duplicate Drug warning is displayed, the system will ask the user if they wish to discontinue the order.

Active Order

```
Discontinue RX #2580A SUCRALFATE 1GM TAB? Y/N
```

Pending Order

```
Discontinue Pending Order for ALLOPURINOL 300MG? Y/N
```

If the user chooses not to discontinue the displayed order when entering a new order via the pharmacy backdoor, the system will delete the order being entered (prospective drug).

If the user chooses not to discontinue the displayed order when finishing a pending order, the system will redisplay the pending order and prompt them to accept, edit or discontinue the order.

If the DRUG CHECK FOR CLERK outpatient site parameter is set to NO, and if the clerk (no PSORPH key) is copying an order, the system will return them back to the detailed order ListMan display where the copy action was initiated.

If the DRUG CHECK FOR CLERK outpatient site parameter is set to NO and the VERIFICATION outpatient site parameter is set to YES when a clerk (no PSORPH key) is reinstating a discontinued order for a medication for which an active local order exists, the system will delete the active order and reinstate the discontinued order.

If the DRUG CHECK FOR CLERK outpatient site parameter is set to NO and the VERIFICATION outpatient site parameter is set to NO when a clerk is reinstating a discontinued order for a medication for which an active local order exists, the system will display a duplicate drug warning, but the order will not be reinstated.

If the DRUG CHECK FOR CLERK outpatient site parameter is set to YES or NO and the VERIFICATION outpatient site parameter is set to NO when a clerk is reinstating a discontinued order for a medication for which a remote order exists, the system will display a duplicate drug warning and the reinstated order will be assigned an active status.

If the DRUG CHECK FOR CLERK outpatient site parameter is set to YES or NO and the VERIFICATION outpatient site parameter is set to YES when a clerk is reinstating a discontinued order, the system will not display a duplicate drug warning and the reinstated order will be assigned a non-verified status.

If a duplicate drug warning is displayed for a medication order, it will not be included in a duplicate therapy order check.

The following examples illustrate the conditions described above.

Duplicate Pending Order

```
Pending OP Orders (ROUTINE)   Mar 24, 2008@13:52:04       Page:   1 of   2
PSOPATIENT,FOUR                                  <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                               Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                          Wt(kg): 68.18 (09/06/2006)


Order Checks:
     Duplicate drug order: ASPIRIN TAB,EC  325MG TAKE ONE TABLET BY MOUTH EVERY
     MORNING  [ACTIVE]
    Overriding Provider: PSOPROVIDER,TEN
    Overriding Reason: TESTING DUPLICATE THERAPY FUNCTIONALITY

*(1) Orderable Item: ASPIRIN TAB,EC
 (2)           Drug: ASPIRIN 325MG EC TAB <DIN>
 (3)        *Dosage: 325 (MG)
             Verb: TAKE
    Dispense Units: 1
             Noun: TABLET
           *Route: ORAL
         *Schedule: QAM
+        Enter ?? for more actions
```

```
BY  Bypass                              DC  Discontinue
ED  Edit                                FN  Finish
Select Item(s): Next Screen// FN    Finish

--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                  RX #: 2603
                  Drug: ASPIRIN 325MG EC TAB
                   SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                   QTY: 30                Refills remaining: 11
              Provider: PSOPROVIDER,TEN             Issued: 03/24/08
                Status: Active            Last filled on: 03/24/08
      Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                                   Days Supply: 30
--------------------------------------------------------------------------------
Discontinue RX #2603 ASPIRIN 325MG EC TAB? Y/N NO -Prescription was not discontinued...

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

Press Return to Continue:

Pending OP Orders (ROUTINE)   Mar 24, 2008@13:52:45        Page:   1 of   2
PSOPATIENT,FOUR                              <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                          Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                     Wt(kg): 68.18 (09/06/2006)

Order Checks:
      Duplicate drug order: ASPIRIN TAB,EC  325MG TAKE ONE TABLET BY MOUTH EVERY
      MORNING  [ACTIVE]
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: TESTING DUPLICATE THERAPY FUNCTIONALITY

*(1) Orderable Item: ASPIRIN TAB,EC
 (2)          Drug: ASPIRIN 325MG EC TAB <DIN>
              NDC: 00056-0176-75
 (3)        *Dosage: 325 (MG)
              Verb: TAKE
     Dispense Units: 1
              NOUN: TABLET
            *Route: ORAL
          *Schedule: QAM
+        Enter ?? for more actions
AC Accept                 ED Edit                 DC Discontinue
Select Item(s): Next Screen//
.
.
  OR

Discontinue RX #2603 ASPIRIN 325MG EC TAB? Y/N   YES

RX #2603 ASPIRIN 325MG EC TAB will be discontinued after the acceptance of the new order.


Rx # 2604           03/24/08
PSOPATIENT,FOUR              #30
TAKE ONE TABLET BY MOUTH EVERY MORNING

ASPIRIN 325MG EC TAB
PSOPROVIDER,TEN          PSOPHARMACIST,ONE
# of Refills: 11


     SC Percent: 100%
```

```
        Disabilities: NONE STATED

Was treatment for a Service Connected condition? YES// YES
Are you sure you want to Accept this Order? NO// YES
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//    NO

 -Duplicate Drug Rx #2603 ASPIRIN 325MG EC TAB has been discontinued...

Press Return to Continue:
```

New Order Entry Backdoor – Duplicate Drug

```
Eligibility: SERVICE CONNECTED 50% to 100%     SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: aspirin
    Lookup: DRUG  GENERIC NAME
    1    ASPIRIN 325MG EC TAB            CN103
    2    ASPIRIN 325MG SUPPOSITORY          CN103
    3    ASPIRIN 325MG TAB          CN103
    4    ASPIRIN 650MG/BUTALBITAL 50MG TAB           CN103
    5    ASPIRIN 81MG EC TAB          CN103
Press <RETURN> to see more, '^' to exit this list, '^^' to exit all lists, OR
CHOOSE 1-5: 1  ASPIRIN 325MG EC TAB        CN103
  Restriction/Guideline(s) exist.  Display? :  (N/D): No//   NO
-----------------------------------------------------------------------------
Duplicate Drug in Local Rx:

              RX #: 2604
              Drug: ASPIRIN 325MG EC TAB
               SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
               QTY: 30                      Refills remaining: 11
          Provider: PSOPROVIDER,TEN                Issued: 03/24/08
            Status: Active                   Last filled on: 03/24/08
 Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                                 Days Supply: 30
-----------------------------------------------------------------------------
Discontinue RX #2604 ASPIRIN 325MG EC TAB? Y/N  NO -Prescription was not discontinued...

RX DELETED

   OR


Discontinue RX #2604 ASPIRIN 325MG EC TAB? Y/N  YES

RX #2604 ASPIRIN 325MG EC TAB will be discontinued after the acceptance of the new order.


VERB: TAKE
Available Dosage(s)
      1. 325MG
      2. 650MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 325MG

You entered 325MG is this correct? Yes//   YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 325MG

NOUN: TABLET
ROUTE: PO//   ORAL      PO  MOUTH
Schedule: bid (TWICE A DAY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:
PATIENT INSTRUCTIONS:

(TAKE ONE TABLET BY MOUTH TWICE A DAY)
```

```
DAYS SUPPLY:  (1-90): 30//
QTY ( TAB ) : 60// 60
COPIES: 1// 1
# OF REFILLS:  (0-11): 11//
PROVIDER:    PSOPROVIDER,TEN
CLINIC:
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
REMARKS:
ISSUE DATE: TODAY//   (MAR 24, 2008)
FILL DATE:  (3/24/2008 - 3/25/2009): TODAY//   (MAR 24, 2008)
Nature of Order: WRITTEN//       W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Rx # 2605             03/24/08
PSOPATIENT,FOUR                #60
TAKE ONE TABLET BY MOUTH TWICE A DAY

ASPIRIN 325MG EC TAB
PSOPROVIDER,TEN           PSOPHARMACIST,ONE
# of Refills: 11


       SC Percent: 100%
     Disabilities: NONE STATED

Was treatment for a Service Connected condition? n  NO
Is this correct? YES//

 -Duplicate Drug RX #2604 ASPIRIN 325MG EC TAB has been discontinued...


Another New Order for PSOPATIENT,FOUR? YES//
```

Editing Dispense Drug – Create New Order

```
                 Rx #: 2605A
 (1) *Orderable Item: ASPIRIN TAB,EC
 (2)            Drug: ASPIRIN 325MG EC TAB <DIN>
                 NDC: 00056-0176-75
 (3)         *Dosage: 325 (MG)
                Verb: TAKE
     Dispense Units: 1
                Noun: TABLET
             *Route: ORAL
          *Schedule: BID
 (4)Pat Instructions:
                 SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
 (5)  Patient Status: OPT NSC
 (6)     Issue Date: 03/24/08            (7)  Fill Date: 03/24/08
     Last Fill Date: 03/24/08 (Window)
+        Enter ?? for more actions
DC  Discontinue         PR  Partial             RL  Release
ED  Edit                RF  Refill              RN  Renew
Select Action: Next Screen// ED   Edit

Select fields by number:  (1-19): 2
DRUG: ASPIRIN 325MG EC TAB// ASPIRIN 8

  Lookup: GENERIC NAME
ASPIRIN 81MG EC TAB          CN103
        ...OK? Yes//    (Yes)

TRADE NAME:
--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                 Rx #: 2606
```

```
                Drug: ASPIRIN 81MG EC TAB
                 SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                 QTY: 30               Refills remaining: 11
            Provider: PSOPROVIDER,TEN              Issued: 03/24/08
              Status: Active               Last filled on: 03/24/08
    Processing Status: Released locally on 03/24/08@08:55:32  (Window)
                                              Days Supply: 30
-----------------------------------------------------------------------------
Discontinue RX #2606 ASPIRIN 81MG EC TAB? Y/N NO -Prescription was not discontinued...
.
.
   OR

Discontinue RX #2606 ASPIRIN 81MG EC TAB? Y/N  YES

RX #2606 ASPIRIN 81MG EC TAB will be discontinued after the acceptance of the new order.

You have changed the dispense drug from
ASPIRIN 325MG EC TAB to ASPIRIN 81MG EC TAB.

Current SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
Do You want to Edit the SIG? YES//
Available Dosage(s)
       1. 81MG
       2. 162MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 81MG

You entered 81MG is this correct? Yes//   YES
This edit will discontinue the duplicate Rx & change the dispensed drug!
Do You Want to Proceed? NO// YES

VERB: TAKE// TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 81MG

NOUN: TABLET// TABLET
ROUTE: ORAL// ORAL
Schedule: BID// QAM (EVERY MORNING)
LIMITED DURATION (IN MONTHS, WEEKS, DAYS, HOURS OR MINUTES):
CONJUNCTION:

New OP Order (ROUTINE)      Mar 24, 2008@14:10:20       Page:   1 of   2
PSOPATIENT,FOUR                             <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                           Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                      Wt(kg): 68.18 (09/06/2006)

      Orderable Item: ASPIRIN TAB,EC
  (1)          Drug: ASPIRIN 81MG EC TAB
  (2) Patient Status: OPT NSC
  (3)     Issue Date: MAR 24,2008            (4) Fill Date: MAR 24,2008
  (5) Dosage Ordered: 81 (MG)
               Verb: TAKE
     Dispense Units: 1
               Noun: TABLET
              Route: ORAL
           Schedule: QAM
  (6)Pat Instruction:
                SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
  (7)    Days Supply: 30                    (8)    QTY (TAB): 60
  (9)   # of Refills: 11                    (10)  Routing: WINDOW
+         This change will create a new prescription!
AC   Accept                             ED   Edit
Select Action: Next Screen// AC   Accept

Nature of Order: SERVICE CORRECTION//       S
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO
```

```
Rx # 2607          03/24/08
PSOPATIENT,FOUR              #60
TAKE ONE TABLET BY MOUTH EVERY MORNING

ASPIRIN 81MG EC TAB
PSOPROVIDER,TEN          PSOPHARMACIST,ONE
# of Refills: 11


      SC Percent: 100%
   Disabilities: NONE STATED

Was treatment for a Service Connected condition? YES//
Is this correct? YES// ...

-Duplicate Drug RX #2606 ASPIRIN 81MG EC TAB has been discontinued...
```

Clerk Entering New Order via Backdoor – Drug Check for Clerk Parameter set to No

```
PI   Patient Information          SO  Select Order
Select Action: Quit// NO   New Order

Eligibility: SERVICE CONNECTED 50% to 100%    SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: ASPIRIN 81
  Lookup: GENERIC NAME
ASPIRIN 81MG EC TAB          CN103
       ...OK? Yes//   (Yes)

--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

         Rx #: 2608
         Drug: ASPIRIN 81MG EC TAB
          SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
          QTY: 30            Refills remaining: 11
     Provider: PSOPROVIDER,TEN          Issued: 03/24/08
       Status: Active        Last filled on: 03/24/08
 Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                    Days Supply: 30
--------------------------------------------------------------------------------
RX DELETED


Another New Order for PSOPATIENT,FOUR? YES//
```

Clerk Entering New Order via Backdoor – Drug Check for Clerk Parameter set to No – Duplicate Drug – Discontinued Status

```
Eligibility: SERVICE CONNECTED 50% to 100%    SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: ASPIRIN
  Lookup: GENERIC NAME
    1   ASPIRIN 325MG EC TAB          CN103
    2   ASPIRIN 325MG SUPPOSITORY        CN103
    3   ASPIRIN 325MG TAB         CN103
    4   ASPIRIN 650MG/BUTALBITAL 50MG TAB       CN103
    5   ASPIRIN 81MG EC TAB         CN103
Press <RETURN> to see more, '^' to exit this list, '^^' to exit all lists, OR
CHOOSE 1-5: 1  ASPIRIN 325MG EC TAB        CN103
  Restriction/Guideline(s) exist.  Display? :  (N/D): No//   NO
--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

         Rx #: 2605A
         Drug: ASPIRIN 325MG EC TAB
          SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
          QTY: 60            Refills remaining: 11
     Provider: PSOPROVIDER,TEN          Issued: 03/24/08
       Status: Discontinued (Edit)    Last filled on: 03/24/08
```

```
        Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                           Days Supply: 30
--------------------------------------------------------------------------------

Press Return to Continue:
```

Clerk Finishing Pending Order – Drug Check for Clerk parameter set to No

```
ED  (Edit)                                 FN  Finish


Pending OP Orders (ROUTINE)   Mar 24, 2008@14:35:21        Page:   1 of    3
PSOPATIENT,FOUR                               <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                              Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                         Wt(kg): 68.18 (09/06/2006)

CPRS Order Checks:
      Duplicate drug order: ASPIRIN TAB,EC  81MG TAKE ONE TABLET BY MOUTH EVERY
      MORNING  [ACTIVE]
      Overriding Provider: PSOPROVIDER,TEN
      Overriding Reason: TESTING

      Duplicate drug class order:(ASPIRIN TAB,EC  325MG
      TAKE ONE TABLET BY MOUTH EVERY MORNING  [UNRELEASED])
      Overriding Provider: PSOPROVIDER,TEN
      Overriding Reason: TESTING

*(1) Orderable Item: ASPIRIN TAB,EC
 (2)          Drug: ASPIRIN 81MG EC TAB
               NDC: 00056-0176-75
 (3)        *Dosage: 81 (MG)
+        Enter ?? for more actions
BY  Bypass                                 DC  (Discontinue)
ED  (Edit)                                 FN  Finish
Select Item(s): Next Screen// FN   Finish

--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                  Rx #: 2608
                  Drug: ASPIRIN 81MG EC TAB
                   SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                   QTY: 30           Refills remaining: 11
              Provider: PSOPROVIDER,TEN        Issued: 03/24/08
                Status: Active          Last filled on: 03/24/08
      Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                           Days Supply: 30
--------------------------------------------------------------------------------
Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

Press Return to Continue:

Pending OP Orders (ROUTINE)   Mar 24, 2008@14:35:25        Page:   1 of    3
PSOPATIENT,FOUR                               <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                              Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                         Wt(kg): 68.18 (09/06/2006)

CPRS Order Checks:
      Duplicate drug order: ASPIRIN TAB,EC  81MG TAKE ONE TABLET BY MOUTH EVERY
      MORNING  [ACTIVE]
      Overriding Provider: PSOPROVIDER,TEN
      Overriding Reason: TESTING

      Duplicate drug class order: NON-OPIOID ANALGESICS (ASPIRIN TAB,EC  325MG
      TAKE ONE TABLET BY MOUTH EVERY MORNING  [UNRELEASED])
      Overriding Provider: PSOPROVIDER,TEN
```

```
     Overriding Reason: TESTING

*(1) Orderable Item: ASPIRIN TAB,EC
 (2)          Drug: ASPIRIN 81MG EC TAB
               NDC: 00056-0176-75
 (3)        *Dosage: 81 (MG)
+        Enter ?? for more actions
AC Accept                ED Edit                   DC Discontinue
Select Item(s): Next Screen// DC   Discontinue

Nature of Order: SERVICE CORRECTION//      S

Requesting PROVIDER: PSOPROVIDER,TEN//       LBB     119
Comments: Per Pharmacy Request  Replace

Press Return to :


PI  Patient Information              SO  Select Order

PU  Patient Record Update           NO  New Order
PI  Patient Information              SO  Select Order
Select Action: Quit// 2

Medication Profile          Mar 24, 2008@14:36:28      Page:   1 of   1
PSOPATIENT,FOUR                          <NO ALLERGY ASSESSMENT>
 PID: 000-00-0000                        Ht(cm): 168.91 (04/11/2006)
 DOB: MAY 20,1966 (41)                   Wt(kg): 68.18 (09/06/2006)
 SEX: MALE
 CrCL: 102.4(est.) (CREAT:1.0mg/dL 10/30/12)    BSA (m2): 1.78
                                               ISSUE  LAST REF DAY
 #  RX #        DRUG                     QTY ST  DATE  FILL REM SUP

----------------------------------ACTIVE----------------------------------
 1 2608          ASPIRIN 81MG EC TAB            30 A  03-24 03-24  11  30
------------------------------NON-VERIFIED--------------------------------
 2 2609          ASPIRIN 325MG EC TAB           30 N  03-24 03-24   5  30
```

Duplicate with Non-VA Med – No Action Required

```
DRUG: CIMETIDINE
  Lookup: GENERIC NAME
     1    CIMETIDINE 100MG TAB           GA301
     2    CIMETIDINE 200MG TAB           GA301
     3    CIMETIDINE 300MG TAB           GA301          90 DAY SUPPLY
     4    CIMETIDINE 400MG TAB           GA301
     5    CIMETIDINE 800MG TAB           GA301
CHOOSE 1-5: 3  CIMETIDINE 300MG TAB        GA301          90 DAY SUPPLY
------------------------------------------------------------------------------
Duplicate Drug in a Non-VA Med Order for


              Drug: CIMETIDINE 300MG TAB
            Dosage: 300MG
          Schedule: AT BEDTIME
   Medication Route: MOUTH
         Start Date:                  CPRS Order #: 13554
       Documented By: PSOPROVIDER,TEN on Mar 24, 2008@14:44:15
------------------------------------------------------------------------------


Press Return to Continue:

VERB: TAKE
Available Dosage(s)
     1. 300MG
     2. 600MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 300MG
```

```
You entered 300MG is this correct? Yes//
```

Duplicate Drug with Pending Order

```
Another New Order for PSOPATIENT,FOUR? YES//

Eligibility: SERVICE CONNECTED 50% to 100%     SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: ALLOPURINOL
  Lookup: GENERIC NAME
     1   ALLOPURINOL 100MG TAB            MS400
     2   ALLOPURINOL 300MG TAB            MS400
CHOOSE 1-2: 2  ALLOPURINOL 300MG TAB          MS400
-------------------------------------------------------------------------------
DUPLICATE DRUG in a Pending Order for:

                  Drug: ALLOPURINOL 300MG TAB
                   SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                   QTY: 180                 # of Refills: 3
               Provider: PSOPROVIDER,TEN      Issue Date: 03/24/08@14:44:15

-------------------------------------------------------------------------------
Discontinue Pending Order for ALLOPURINOL 300MG? Y/N   YES

Pending Order for ALLOPURINOL 300MG will be discontinued after the acceptance of the new
order.

VERB: TAKE
Available Dosage(s)
      1. 300MG
      2. 600MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 300MG

You entered 300MG is this correct? Yes//   YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 300MG

NOUN: TABLET
ROUTE: PO//   ORAL      PO  MOUTH
Schedule: QAM//  (EVERY MORNING)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:
PATIENT INSTRUCTIONS:

(TAKE ONE TABLET BY MOUTH EVERY MORNING)

DAYS SUPPLY:  (1-90): 30//
QTY ( TAB ) : 30// 30
COPIES: 1// 1
# OF REFILLS:  (0-11): 11//
PROVIDER:    PSOPROVIDER,TEN
CLINIC:
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
REMARKS:
ISSUE DATE: TODAY//   (MAR 24, 2008)
FILL DATE:  (3/24/2008 - 3/25/2009): TODAY//   (MAR 24, 2008)
Nature of Order: WRITTEN//       W

Rx # 2610             03/24/08
PSOPATIENT,FOUR                   #30
TAKE ONE TABLET BY MOUTH EVERY MORNING

ALLOPURINOL 300MG TAB
PSOPROVIDER,TEN            PSOPHARMACIST,ONE
# of Refills: 11
```

```
        SC Percent: 100%
      Disabilities: NONE STATED

Was treatment for a Service Connected condition? y  YES
Is this correct? YES//

- Duplicate Drug Pending Order for ALLOPURINOL 300MG has been discontinued...
```

Copying an Existing Order

```
RN   Renew
Select Action: Next Screen// CO    CO

OP Medications (ACTIVE)       Mar 12, 2008@09:15:48       Page:  1 of   2
PSOPATIENT,TWO                                                        <A>
 PID: 000-00-0000                               Ht(cm): 182.88 (04/13/2005)
 DOB: JAN 1,1945 (63)                           Wt(kg): 77.27 (04/13/2005)


               Rx #: 2584$
 (1) *Orderable Item: AMLODIPINE/ATORVASTATIN TAB
 (2)           Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
               Verb: TAKE
 (3)        *Dosage: ONE TABLET
             *Route: ORAL
          *Schedule: QAM
 (4)Pat Instructions:
                SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
 (5)  Patient Status: OPT NSC
 (6)     Issue Date: 03/12/08          (7)   Fill Date: 03/12/08
      Last Fill Date: 03/12/08 (Window)
  Last Release Date:                   (8)      Lot #:
            Expires: 03/13/09                     MFG:
+         Enter ?? for more actions


AC   Accept                           ED   Edit

New OP Order (COPY)          Mar 12, 2008@09:15:48       Page:   1 of   2
PSOPATIENT,TWO                                                        <A>
 PID: 000-00-0000                               Ht(cm): 182.88 (04/13/2005)
 DOB: JAN 1,1945 (63)                           Wt(kg): 77.27 (04/13/2005)


      Orderable Item: AMLODIPINE/ATORVASTATIN TAB
 (1)           Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
 (2) Patient Status: OPT NSC
 (3)     Issue Date: MAR 12,2008          (4) Fill Date: MAR 12,2008
               Verb: TAKE
 (5) Dosage Ordered: ONE TABLET
            Route: ORAL
          Schedule: QAM
 (6)Pat Instruction:
               SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
 (7)   Days Supply: 30                  (8)    QTY ( ): 30
 (9)   # of Refills: 11                 (10)   Routing: WINDOW
 (11)       Clinic:
 (12)       Provider: PSOPROVIDER,ONE          (13)  Copies: 1
+         Enter ?? for more actions
AC   Accept                           ED   Edit
Select Action: Next Screen// AC   Accept
-----------------------------------------------------------------------------
Duplicate Drug in Local RX:

            Rx #: 2584
            Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
             SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
             QTY: 30                 Refills remaining: 11
        Provider: OPPROVIDER, ONE            Issued: 03/12/07
          Status: ACTIVE              Last filled on: 03/12/07
 Processing Status: Released locally on 3/12/07@08:55:32  (Window)
                                          Days Supply: 30
```

```
--------------------------------------------------------------------------------
Discontinue Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB? Y/N YES

Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB will be discontinued after the acceptance of
the new order.

Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//    NO

Rx # 2585              03/12/08
PSOPATIENT,TWO T                     #30
TAKE ONE TABLET BY MOUTH EVERY MORNING

AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
PSOPROVIDER,ONE        PSOPHARMACIST,ONE
# of Refills: 11


     SC Percent: 40%
    Disabilities: NONE STATED

Was treatment for Service Connected condition? NO//

Is this correct? YES// ...

Duplicate Drug Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB has been discontinued...
```

The CPRS Auto Refill field can be updated using the *Pharmacy Systems Parameter Edit* [PSS MGR] option. This parameter works in conjunction with the PSOUATRF security key.

- When the CPRS Auto Refill field is set to YES and the PSOAUTRF security key has been assigned to at least one user, all refills placed in CPRS by the provider are processed and suspended with the next fill date and all routing is set to Mail automatically.

- When the CPRS Auto Refill field is set to NO or if the PSOAUTRF security key is not assigned, the manual refill process is required.

If the auto refill process fails, the order will not be processed and will require manual refilling. A MailMan message will be sent to the holders of the PSOAUTRF key describing the reason for not filling the auto refill. All of the refill activity, manual or automatic, is recorded in the Activity Log entry notes.

Following the installation of patches PSO*7*207 and OR*3*238 (Remote Data Interoperability (RDI) trigger patch), order checks will be made using additional data from the Health Data Repository Interim Messaging Solution (HDR-IMS) and the HDR-Historical (HDR-Hx). This will contain both Outpatient orders from other VAMCs as well as from Department of Defense (DoD) facilities, if available. All remote prescription statuses will be included in order checking for a new order being processed from within backdoor outpatient pharmacy and for new orders being placed by CPRS or by Inpatient Medications. Any remote Outpatient order that has been expired or discontinued for 30 days or less will be included in the list of medications to be checked.

If the verification site parameter is turned on, prescriptions entered by the technician will be non-verified and must be verified by the pharmacist. If the verification site parameter is turned off the

label is queued to print as though the pharmacist has entered it unless the prescription causes a critical drug interaction. In which case, the prescription will be non-verified and must be verified by the pharmacist.

Actions are displayed in the action area of the screen. Actions with a parenthesis ( ) around them are invalid actions for that order. A double question mark (??) displays all the actions available, including the Outpatient Pharmacy hidden actions described in "Chapter 2: List Manager". If one of the hidden actions is selected and it is invalid, a message will display in the message window. Outpatient Pharmacy hidden actions are displayed with the letters OP next to the action.

With Patch PSO*7*233, when a name is selected, if the patient's address is flagged with a Bad Address Indicator, a warning message is displayed. If the user has proper authorization (i.e., the PSO SITE parameter "EDIT PATIENT DATA" is set to Yes or the user holds the new PSO ADDRESS UPDATE security key), a prompt appears asking if the user wants to update the address.

> For the *Patient Prescription Processing,* if a temporary address has no end date, the following text is displayed in the Status column: "(Temp address from XXX 99,9999 till (no end date))".

Titration

Introduced in PSO*7*313, the user has the ability to mark prescriptions as 'Titration to Maintenance' when finishing prescriptions from CPRS as well as via the Patient Prescription Processing [PSO LM BACKDOOR ORDERS] option by invoking the new hidden action 'TM' - Mark Rx as Titration. This action will result in preventing the following actions to be taken on the prescription: Refill, Renewal (including via CPRS), and Copy and editing of any field that requires a new Rx to be created. This action will also set the new field TITRATION RX FLAG (#45.3) in the PRESCRIPTION File (#52) as well as the new field TITRATION DOSE RX (#45.1) in the PRESCRIPTION File (#52). Prescriptions that are marked as Titration/Maintenance will have the letter 't' postfix to the RX # as seen below (entry #1):

```
        :                 :                         :
                                     ISSUE  LAST REF DAY
   #  RX #          DRUG                    QTY ST  DATE  FILL REM SUP
------------------------------ACTIVE-----------------------------
 1 100005024t  AMOXAPINE 50MG TAB          30 S  09-26 09-26   2  30
 2 100005022   AMOXICILLIN 250MG CAP       30 A  08-18 08-18  11  30
 3 100005035   KALETRA                      3 A  09-29 09-29   0   3
        :                 :                         :
```

> Note: A prescription can be unmarked as Titration/Maintenance by invoking the same TM action on an already marked prescription.

There is also a new hidden action in the Patient Prescription Processing [PSO LM BACKDOOR ORDERS] option called TR (Convert Titration Rx). This action populates the MAINTENANCE DOSE RX (#45.2) field in the PRESCRIPTION File (#52). When a titration to maintenance prescription needs to be refilled so the patient can continue on the Maintenance Dose, this option allows users to create a new prescription with the maintenance dose only. The process works

similar to copying an existing prescription; however, it can only be used on prescriptions with the following characteristics:

- Rx is a complex order with a THEN conjunction
- Rx is released
- Rx status is ACTIVE
- Rx does not have refills previously ordered
- Rx # Of Refills is greater than 0 (zero)

Before the new Maintenance Rx can be accepted, the user is prompted to validate the QTY field for the new Rx, which may or may not be automatically re-calculated. Only the last dose from the original prescription is carried over to the new Maintenance Rx, and the # of Refills field is decreased by 1 because the new Maintenance Rx counts as a fill. Once the user verifies the information for the Maintenance Rx is accurate, they can accept the Maintenance Rx. This action will trigger a Duplicate Drug check against the original complex order, which must be discontinued before the new Maintenance Rx can be accepted. After the new Maintenance Rx is accepted, it will have the new indicator 'm' on the right side of the Rx # in the patient's Medication Profile as seen below (entry #1):

```
        :                  :                          :
                                      ISSUE  LAST REF DAY
  #  RX #        DRUG              QTY ST  DATE  FILL REM SUP
  ------------------------------ACTIVE-----------------------------
  1 100005436m  AMOXAPINE 50MG TAB      30 S  09-26 09-26   1  30
  2 100005022   AMOXICILLIN 250MG CAP   30 A  08-18 08-18  11  30
  3 100005035   KALETRA                  3 A  09-29 09-29   0   3
        :                  :                          :
```

Entering a New Order

If a double question mark (??) is entered at the "Select Action" prompt, the following hidden actions will display in the action area. Actions that apply only to outpatient orders are followed by (OP).

```
The following actions are also available:
RP   Reprint (OP)         DN   Down a Line          LS   Last Screen
RN   Renew (OP)           RD   Re Display Screen     FS   First Screen
DC   Discontinue (OP)     PT   Print List           GO   Go to Page
RL   Release (OP)         PS   Print Screen         +    Next Screen
RF   Refill (OP)          >    Shift View to Right  -    Previous Screen
PP   Pull Rx (OP)         <    Shift View to Left   ADPL Auto Display(On/Off)
IP   Inpat. Profile (OP)  SL   Search List          CK   Check Interactions
RS   Reprint Sig Log      RDD  Fill/Rel Date Disply IN   Intervention Menu
CM   Manual Queue to CMOP DR   Display Remote       UP   Up a Line
OTH  Other OP Actions     QU   Quit
```

First, a patient is selected.

Example: Entering a New Order

```
Select Pharmacy Technician's Menu Option: PATient Prescription Processing
Select PATIENT NAME: OPPATIENT16,ONE     4-3-41    000246802    YES    SC VETERAN
Patient is enrolled to receive ScripTalk 'talking' prescription labels.

Eligibility: SC
RX PATIENT STATUS: SERVICE CONNECTED//  <Enter>
```

[Patient Information Screen skipped]

If RDI is active and a patient has prescriptions at another location, when the user selects the patient to enter a new order from Patient Prescription Processing, the following message appears.

```
          REMOTE PRESCRIPTIONS AVAILABLE!
          Display Remote Data? N//
```

If the user responds **NO**, then the normal procedure occurs for entering prescriptions. If the user responds **YES**, the "Remote Facilities Visited" screen appears. See the Displaying a Patient's Remote Prescriptions section later in Entering a New Order for more details.

Although "Quit" is the default at the "Select Action" prompt shown on the Patient Information screen, <**Enter**> at this prompt quits the screen and displays the Medication Profile. This Medication Profile includes any Non-VA Med orders documented via the CPRS GUI package.

```
Medication Profile           Jun 12, 2001 14:12:21       Page:   1 of   1
OPPATIENT16,ONE
 PID: 000-24-6802                             Ht(cm): 177.80 (02/08/1999)
 DOB: APR 3,1941 (60)                         Wt(kg): 90.45 (02/08/1999)
 CrCL: 102.4(est.) (CREAT:1.0mg/dL 10/30/12)  BSA (m2): 2.08
                                                  ISSUE  LAST REF DAY
 #  RX #          DRUG                         QTY ST  DATE  FILL REM SUP

----------------------------------ACTIVE------------------------------------
 1 503904$       AMPICILLIN 250MG CAP             80 E  05-25 05-25   0  10
 2 503886$       DIGOXIN (LANOXIN) 0.2MG CAP      60 A> 05-07 05-07   5  30
-------------------------------DISCONTINUED---------------------------------
 3 503902        ACETAMINOPHEN 500MG TAB          60 DC>05-22 05-22   3  30


          Enter ?? for more actions
PU  Patient Record Update            NO  New Order
PI  Patient Information               SO  Select Order
Select Action: Quit// NO    New Order
```

Typing in the letters "NO" at the "Select Action" prompt creates a new order.

Example: Entering a New Order (continued)

```
Medication Profile            Mar 29, 2011@14:34:27       Page:   1 of   1
(Patient information is displayed here.)
:
          Enter ?? for more actions
PU  Patient Record Update            NO  New Order
PI  Patient Information               SO  Select Order
Select Action: Quit// NO    New Order

Eligibility:
RX PATIENT STATUS: SC LESS THAN 50%//
DRUG: ACETAMINOPHEN
  Lookup: GENERIC NAME
     1    ACETAMINOPHEN 160MG/5ML LIQUID          CN103         NATL FORM; 480 M
L/BT (NDC)
     2    ACETAMINOPHEN 325MG TAB         CN103         NATL FORM; DU: INCREMEN
TS OF 100 ONLY *** AUTOMED & SCRIPTPRO ***
     3    ACETAMINOPHEN 325MG/BUTALBITAL 50MG TAB        CN103     N/F        N
```

```
ATL N/F
    4    ACETAMINOPHEN 500MG TAB          CN103         NATL FORM; DU: INCREMEN
TS OF 100 ONLY*** AUTOMED & SCRIPTPRO ***
    5    ACETAMINOPHEN 650MG RTL SUPP        CN103        NATL FORM (IEN)


CHOOSE 1-5: 5  ACETAMINOPHEN 650MG RTL SUPP       CN103        NATL FORM (IEN
)

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please wait...


===============================================================================
*** THERAPEUTIC DUPLICATION(S) *** ACETAMINOPHEN 650MG RTL SUPP with
         Local RX#: 2054930
             Drug: ACETAMINOPHEN 500MG TAB (Active)
              SIG: TAKE ONE TABLET BY MOUTH EVERY FOUR HOURS AS NEEDED
              QTY: 180                       Days Supply: 30
      Processing Status: Not released locally (Window)
     Last Filled On: 03/29/11

Class(es) Involved in Therapeutic Duplication(s): Non-Narcotic
Analgesic/Antipyretic, Non-Salicylate
===============================================================================

Press Return to continue:
Discontinue Rx #2054930 ACETAMINOPHEN 500MG TAB Y/N ?
```

The system checks the medication selected for any duplicate drugs or classes, interactions, or allergies that are noted in the patient's local and remote record. This also includes any local Non-VA Meds. See the following order check examples.

Clerk Entering New Order via Backdoor – Drug Check for Clerk Parameter set to No

```
PI  Patient Information                SO  Select Order
Select Action: Quit// NO   New Order

Eligibility: SERVICE CONNECTED 50% to 100%    SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: ASPIRIN 81
  Lookup: GENERIC NAME
ASPIRIN 81MG EC TAB          CN103
        ...OK? Yes//   (Yes)

-------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

             Rx #: 2608
             Drug: ASPIRIN 81MG EC TAB
              SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
              QTY: 30             Refills remaining: 11
         Provider: PSOPROVIDER,TEN           Issued: 03/24/08
           Status: Active          Last filled on: 03/24/08
 Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                     Days Supply: 30
------- RX DELETED


Another New Order for PSOPATIENT,FOUR? YES//
.
-------------------------------------------------------------------------------
```

Clerk Entering New Order via Backdoor – Drug Check for Clerk Parameter set to No – Duplicate Drug – Discontinued Status

```
Eligibility: SERVICE CONNECTED 50% to 100%     SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: ASPIRIN
  Lookup: GENERIC NAME
     1   ASPIRIN 325MG EC TAB           CN103
     2   ASPIRIN 325MG SUPPOSITORY          CN103
     3   ASPIRIN 325MG TAB          CN103
     4   ASPIRIN 650MG/BUTALBITAL 50MG TAB          CN103
     5   ASPIRIN 81MG EC TAB          CN103
Press <RETURN> to see more, '^' to exit this list, '^^' to exit all lists, OR
CHOOSE 1-5: 1  ASPIRIN 325MG EC TAB          CN103
  Restriction/Guideline(s) exist.  Display? :  (N/D): No//   NO
--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                 Rx #: 2605A
                 Drug: ASPIRIN 325MG EC TAB
                  SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                  QTY: 60              Refills remaining: 11
             Provider: PSOPROVIDER,TEN              Issued: 03/24/08
               Status: Discontinued (Edit)    Last filled on: 03/24/08
     Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                               Days Supply: 30
--------------------------------------------------------------------------------

Press Return to Continue:
```

Clerk Finishing Pending Order – Drug Check for Clerk parameter set to No

```
ED  (Edit)                              FN  Finish

Pending OP Orders (ROUTINE)   Mar 24, 2008@14:35:21      Page:   1 of   3
PSOPATIENT,FOUR                                <NO ALLERGY ASSESSMENT>
 PID: 000-00-0000                              Ht(cm): 168.91 (04/11/2006)
 DOB: MAY 20,1966 (41)                         Wt(kg): 68.18 (09/06/2006)

CPRS Order Checks:
     Duplicate drug order: ASPIRIN TAB,EC  81MG TAKE ONE TABLET BY MOUTH EVERY
     MORNING  [ACTIVE]
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: TESTING

     Duplicate drug class order:(ASPIRIN TAB,EC  325MG
     TAKE ONE TABLET BY MOUTH EVERY MORNING  [UNRELEASED])
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: TESTING

*(1) Orderable Item: ASPIRIN TAB,EC
 (2)          Drug: ASPIRIN 81MG EC TAB
               NDC: 00056-0176-75
 (3)        *Dosage: 81 (MG)
+       Enter ?? for more actions
BY  Bypass                             DC  (Discontinue)
ED  (Edit)                             FN  Finish
Select Item(s): Next Screen// FN   Finish

--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                 Rx #: 2608
                 Drug: ASPIRIN 81MG EC TAB
                  SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                  QTY: 30              Refills remaining: 11
             Provider: PSOPROVIDER,TEN              Issued: 03/24/08
               Status: Active          Last filled on: 03/24/08
     Processing Status: Released locally on 3/24/08@08:55:32  (Window)
                                               Days Supply: 30
```

```
--------------------------------------------------------------------------------
Pending OP Orders (ROUTINE)   Mar 24, 2008@14:35:25         Page:   1 of    3
PSOPATIENT,FOUR                                 <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                              Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                         Wt(kg): 68.18 (09/06/2006)


CPRS Order Checks:
     Duplicate drug order: ASPIRIN TAB,EC  81MG TAKE ONE TABLET BY MOUTH EVERY
      MORNING  [ACTIVE]
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: TESTING

      Duplicate drug class order: NON-OPIOID ANALGESICS (ASPIRIN TAB,EC  325MG
       TAKE ONE TABLET BY MOUTH EVERY MORNING  [UNRELEASED])
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: TESTING

*(1) Orderable Item: ASPIRIN TAB,EC
  (2)          Drug: ASPIRIN 81MG EC TAB
                NDC: 00056-0176-75
  (3)       *Dosage: 81 (MG)
+        Enter ?? for more actions
AC Accept               ED Edit                  DC Discontinue
Select Item(s): Next Screen// DC   Discontinue

Nature of Order: SERVICE CORRECTION//        S

Requesting PROVIDER: PSOPROVIDER,TEN//        LBB    119
Comments: Per Pharmacy Request  Replace

Press Return to :

PI  Patient Information                  SO  Select Order
PU  Patient Record Update                NO  New Order
PI  Patient Information                  SO  Select Order
Select Action: Quit// 2

Medication Profile            Mar 24, 2008@14:36:28         Page:   1 of    1
PSOPATIENT,FOUR                                 <NO ALLERGY ASSESSMENT>
  PID: 000-00-0000                              Ht(cm): 168.91 (04/11/2006)
  DOB: MAY 20,1966 (41)                         Wt(kg): 68.18 (09/06/2006)
  SEX: MALE
 CrCL: 102.4(est.) (CREAT:1.0mg/dL 10/30/12)     BSA (m2): 1.78
                                                      ISSUE  LAST REF DAY
 #  RX #          DRUG                           QTY ST  DATE  FILL REM SUP

------------------------------------ACTIVE-------------------------------------
 1 2608          ASPIRIN 81MG EC TAB                30 A  03-24 03-24  11  30
---------------------------------NON-VERIFIED----------------------------------
 2 2609          ASPIRIN 325MG EC TAB               30 N  03-24 03-24   5  30
```

Duplicate with Non-VA Med – No Action Required

```
DRUG: CIMETIDINE
  Lookup: GENERIC NAME
    1   CIMETIDINE 100MG TAB          GA301
    2   CIMETIDINE 200MG TAB          GA301
    3   CIMETIDINE 300MG TAB          GA301          90 DAY SUPPLY
    4   CIMETIDINE 400MG TAB          GA301
    5   CIMETIDINE 800MG TAB          GA301
CHOOSE 1-5: 3  CIMETIDINE 300MG TAB        GA301          90 DAY SUPPLY
--------------------------------------------------------------------------------
Duplicate Drug in a Non-VA Med Order for


             Drug: CIMETIDINE 300MG TAB
           Dosage: 300MG
         Schedule: AT BEDTIME
  Medication Route: MOUTH
       Start Date:              CPRS Order #: 13554
```

```
        Documented By: PSOPROVIDER,TEN on Mar 24, 2008@14:44:15
--------------------------------------------------------------------------------

Press Return to Continue:

VERB: TAKE
Available Dosage(s)
      1. 300MG
      2. 600MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 300MG

You entered 300MG is this correct? Yes//
```

Duplicate Drug with Pending Order

```
Another New Order for PSOPATIENT,FOUR? YES//

Eligibility: SERVICE CONNECTED 50% to 100%     SC%: 100
RX PATIENT STATUS: OPT NSC//
DRUG: ALLOPURINOL
  Lookup: GENERIC NAME
    1   ALLOPURINOL 100MG TAB           MS400
    2   ALLOPURINOL 300MG TAB           MS400
CHOOSE 1-2: 2  ALLOPURINOL 300MG TAB         MS400
--------------------------------------------------------------------------
DUPLICATE DRUG in a Pending Order for:

                Drug: ALLOPURINOL 300MG TAB
                 SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                 QTY: 180              # of Refills: 3
            Provider: PSOPROVIDER,TEN      Issue Date: 03/24/08@14:44:15
--------------------------------------------------------------------------
Discontinue Pending Order for ALLOPURINOL 300MG? Y/N   YES

Pending Order for ALLOPURINOL 300MG will be discontinued after the acceptance of the new
order.

VERB: TAKE
Available Dosage(s)
      1. 300MG
      2. 600MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 300MG

You entered 300MG is this correct? Yes//    YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 300MG

NOUN: TABLET
ROUTE: PO//   ORAL      PO  MOUTH
Schedule: QAM//  (EVERY MORNING)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:
PATIENT INSTRUCTIONS:

(TAKE ONE TABLET BY MOUTH EVERY MORNING)

DAYS SUPPLY:  (1-90): 30//
QTY ( TAB ) : 30// 30
COPIES: 1// 1
# OF REFILLS:  (0-11): 11//
PROVIDER:    PSOPROVIDER,TEN
CLINIC:
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
REMARKS:
```

```
ISSUE DATE: TODAY//   (MAR 24, 2008)
FILL DATE:  (3/24/2008 - 3/25/2009): TODAY//   (MAR 24, 2008)
Nature of Order: WRITTEN//        W

Rx # 2610              03/24/08
PSOPATIENT,FOUR                #30
TAKE ONE TABLET BY MOUTH EVERY MORNING

ALLOPURINOL 300MG TAB
PSOPROVIDER,TEN            PSOPHARMACIST,ONE
# of Refills: 11


      SC Percent: 100%
     Disabilities: NONE STATED

Was treatment for a Service Connected condition? y  YES
Is this correct? YES//

- Duplicate Drug Pending Order for ALLOPURINOL 300MG has been discontinued...
```

Copying an Existing Order

```
RN   Renew
Select Action: Next Screen// CO   CO

OP Medications (ACTIVE)      Mar 12, 2008@09:15:48       Page:  1 of   2
PSOPATIENT,TWO                                                      <A>
 PID: 000-00-0000                             Ht(cm): 182.88 (04/13/2005)
 DOB: JAN 1,1945 (63)                         Wt(kg): 77.27 (04/13/2005)


              Rx #: 2584$
 (1) *Orderable Item: AMLODIPINE/ATORVASTATIN TAB
 (2)          Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
             Verb: TAKE
 (3)        *Dosage: ONE TABLET
           *Route: ORAL
         *Schedule: QAM
 (4)Pat Instructions:
               SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
 (5)   Patient Status: OPT NSC
 (6)     Issue Date: 03/12/08          (7)  Fill Date: 03/12/08
     Last Fill Date: 03/12/08 (Window)
  Last Release Date:                   (8)      Lot #:
         Expires: 03/13/09                     MFG:
+        Enter ?? for more actions


AC   Accept                          ED   Edit

New OP Order (COPY)          Mar 12, 2008@09:15:48       Page:   1 of   2
PSOPATIENT,TWO                                                      <A>
 PID: 000-00-0000                             Ht(cm): 182.88 (04/13/2005)
 DOB: JAN 1,1945 (63)                         Wt(kg): 77.27 (04/13/2005)

     Orderable Item: AMLODIPINE/ATORVASTATIN TAB
 (1)          Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
 (2) Patient Status: OPT NSC
 (3)     Issue Date: MAR 12,2008          (4) Fill Date: MAR 12,2008
             Verb: TAKE
 (5) Dosage Ordered: ONE TABLET
           Route: ORAL
         Schedule: QAM
 (6)Pat Instruction:
             SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
 (7)    Days Supply: 30                (8)    QTY ( ): 30
 (9)   # of Refills: 11               (10)   Routing: WINDOW
 (11)       Clinic:
 (12)      Provider: PSOPROVIDER,ONE              (13)   Copies: 1
+        Enter ?? for more actions
AC   Accept                          ED   Edit
```

```
Select Action: Next Screen// AC   Accept
--------------------------------------------------------------------------
Duplicate Drug in Local RX:

                Rx #: 2584
                Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
                 SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
                 QTY: 30               Refills remaining: 11
            Provider: OPPROVIDER, ONE           Issued: 03/12/07
              Status: ACTIVE               Last filled on: 03/12/07
 Processing Status: Released locally on 3/12/07@08:55:32  (Window)
                                           Days Supply: 30


--------------------------------------------------------------------------
Discontinue Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB? Y/N YES

Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB will be discontinued after the acceptance of
the new order.

Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Rx # 2585              03/12/08
PSOPATIENT,TWO T                     #30
TAKE ONE TABLET BY MOUTH EVERY MORNING

AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
PSOPROVIDER,ONE        PSOPHARMACIST,ONE
# of Refills: 11


      SC Percent: 40%
     Disabilities: NONE STATED

Was treatment for Service Connected condition? NO//

Is this correct? YES// ...

Duplicate Drug Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB has been discontinued...
```

Note: More than one ingredient and more than one VA Drug Class may be associated with an Allergy/ADR. See output below:

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

Drug: DILTIAZEM (DILACOR XR) 240MG SA CAP
   Ingredients: DILTIAZEM (REMOTE SITE(S)),
   Class: CV200 CALCIUM CHANNEL BLOCKERS (REMOTE SITE(S))
```

Allergy/ADR Order Check Display

This section details the Allergy/ADR order check display within Outpatient Pharmacy.

Outpatient Pharmacy displays the same Allergy/ADR warning only once if both a drug class(es) and drug ingredient(s) are defined for the Allergy/ADR. The drug class and drug ingredient will be listed on the single display. The user is prompted to intervene once. If no intervention is chosen, the standard order entry dialog will resume. Local and remote Allergy/ADRs are combined.

If no Allergy Assessment has been documented for the patient for whom the medication order is being processed, the user will be forced to log an intervention for every medication order entered until the allergy assessment is resolved.

See examples below:

Note: Technicians do not get prompted for interventions.

Remote Allergy/ADR – New Order Entry Backdoor – Both Ingredient and Drug Class defined for Allergy/ADR

```
Select Action: Quit// NO New Order
PATIENT STATUS: SC//
DRUG: DILTIAZEM
Lookup: GENERIC NAME
1 DILTIAZEM (DILACOR XR) 240MG SA CAP CV200 N/F This
drug will not be processed without Drug Request Form 10-7144
2 DILTIAZEM (INWOOD) 120MG SA CAP CV200
3 DILTIAZEM (INWOOD) 180MG SA CAP CV200
4 DILTIAZEM (INWOOD) 240MG SA CAP CV200
5 DILTIAZEM (INWOOD) 300MG SA CAP CV200
Press <RETURN> to see more, '^' to exit this list, '^^' to exit all lists, OR
CHOOSE 1-5: 1 DILTIAZEM (DILACOR XR) 240MG SA CAP CV200 N/F This drug will not be processed
without Drug Request Form 10-7144
Now doing allergy checks. Please wait...
A Drug-Allergy Reaction exists for this medication and/or class!
Prospective Drug: DILTIAZEM (DILACOR XR) 240MG SA CAP
Causative Agent: DILTIAZEM (SITE REPORTING ALLERGY – DATE REPORTED)
Historical/Observed: OBSERVED
Severity: MODERATE
Ingredients: DILTIAZEM ,
Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA, NAUSEA,VOMITING,
ANXIETY, DROWSINESS, DRY MOUTH, DRY NOSE, RASH,
Drug Class: CV200 CALCIUM CHANNEL BLOCKERS
,
Provider Override Reason: N/A - Order Entered Through VistA
VERB: TAKE
Available Dosage(s)
1. 240MG
2. 480MG
Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list:
```

Local Allergy/ADR – New Order Entry Backdoor - Only Drug Class defined.

```
Another New Order for PSOPATIENT, TEN? YES//

Eligibility: NSC
RX PATIENT STATUS: OPT NSC//

DRUG: PENICILLIN
  Lookup: GENERIC NAME
    1    PENICILLIN GK 5 MILLION UNIT VIAL INJ            AM110
    2    PENICILLIN VK 250MG TAB            BWATC       AM110
    3    PENICILLIN VK 500MG TAB                AM110        02-25-20
    4    PENICILLIN VK SUSP 250MG/5ML              AM110         MAY BE TAKEN WIT
HOUT REGARD TO FOOD
CHOOSE 1-4: 2   PENICILLIN VK 250MG TAB            BWATC       AM110
```

```
Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...


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

    Prospective Drug: PENICILLIN VK 250MG TAB
     Causative Agent: PENICILLIN (CLE13 TEST LAB - 06/18/02)
 Historical/Observed: HISTORICAL
            Severity: Not Entered
         Ingredients: PENICILLIN
      Signs/Symptoms: HIVES
          Drug Class: AM110 PENICILLIN-G RELATED PENICILLINS

   Provider Override Reason: N/A - Order Check Not Evaluated by Provider

Press Return to continue:
Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please wait...

VERB: TAKE
Available Dosage(s)
      1. 250MG

Enter RETURN to continue or '^' to exit the list of dosages: or Enter a Question Mark (?) to
view list: 1 1 TABLET

You entered 1 TABLET is this correct? Yes//   YES
VERB: TAKE
ROUTE: PO//   ORAL      PO  MOUTH
Schedule: BID (TWICE A DAY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
```

Note: Technicians do not get prompted for interventions.

```
ED Edit FN Finish
Select Item(s): Next Screen// NEXT SCREEN
Pending OP Orders (ROUTINE) Mar 24, 2008@21:56:03 Page: 2 of 3
PSOPATIENT,THREE <A>
PID: 000-00-0000 Ht(cm): 167.64 (06/10/1993)
DOB: FEB 2,1939 (69) Wt(kg): 68.18 (06/10/1993)
+
*(1) Orderable Item: SULFAMETHOXAZOLE/TRIMETHOPRIM TAB
(2) Drug: SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB
Verb: TAKE
(3) *Dosage: 1 TABLET
*Route: ORAL
*Schedule: Q12H
(4) Pat Instruct:
Provider Comments:
Instructions: TAKE 1 TABLET PO Q12H
SIG: TAKE 1 TABLET BY MOUTH EVERY 12 HOURS
(5) Patient Status: OPT NSC
(6) Issue Date: MAR 24,2008 (7) Fill Date: MAR 24,2008
+ Enter ?? for more actions
BY Bypass DC Discontinue
ED Edit FN Finish
Select Item(s): Next Screen// FN Finish
Now doing allergy checks. Please wait...
A Drug-Allergy Reaction exists for this medication and/or class!
Prospective Drug: SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB
Causative Agent: SULFADIAZINE/SULFAMERAZINE/SULFAMETHAZINE (SITE REPORTING ALLERGY – DATA
REPORTED)
Historical/Observed: HISTORICAL
Severity: Not Entered
Ingredients: SULFAMETHOXAZOLE TRIMETHOPRIM
Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA,
NAUSEA,VOMITING, ANXIETY, DROWSINESS,
Provider Override Reason: N/A - Order Entered Through VistA
```

Therapeutic Duplication

This section describes enhancements to the existing VistA Duplicate Class order checks. The current VistA Duplicate Class checks have been enhanced using the FDB business rules and database, as well as the FDB Enhanced Therapeutic Classification (ETC) system. The Duplicate Class check will now be referred to as the Duplicate Therapy order check. This order check will continue to be performed against active, pending, non-verified orders on hold (initiated through pharmacy or CPRS), expired and discontinued orders. The timeframe for inclusion of locally discontinued orders is determined by the following formula: Discontinued Date (Cancel Date) + Days Supply + 7. This check will be performed on active Non-VA Medication orders.

No changes have been made to the existing user actions for Duplicate Therapy order checks. Users will continue to have the ability to discontinue the order. The existing order will only be discontinued upon acceptance of the order being processed. No discontinue actions can be performed on remote outpatient orders, Non-VA medications, discontinued, and expired orders or orders placed on provider hold through CPRS. If the CANCEL DRUG IN SAME CLASS outpatient site parameter is set to 'No', no discontinue action is allowed on any duplicate class order.

Any remote Outpatient order (from another VAMC or Department of Defense (DoD) facility) using data from Health Data Repository Historical (HDR-Hx) or Health Data Repository-Interim Messaging Solution (HDR-IMS) that has been expired for 30 days or less will be included in the list of medications to be checked.

FDB custom tables will be used to store custom changes to the duplication allowance for a FDB therapeutic classification. Each duplicate therapy class is assigned a duplication allowance. The duplication allowance for a therapeutic allowance determines whether or not the therapeutic duplication warning will be displayed to the user.

The Vendor's (currently FDB) Enhanced Therapeutic Classification (ETC) System is now used in place of the VA Drug Class for the Duplicate Therapy (formerly duplicate class) order checks.

Duplicate Therapy order checks will no longer be processed in pairs. Each duplicate therapy warning includes as many outpatient medication orders as it applies to.

A duplicate therapy warning is only displayed if the number of duplicate therapy matches exceeds the duplication allowance specified for the FDB duplicate therapy class.

The following processes use the enhanced functionality:

- Entering a new outpatient medication order through pharmacy options

- Finishing a pending outpatient medication order

- Renewing an outpatient medication order

- When a new outpatient medication order is created via an edit

- Verification of an outpatient medication order entered or finished by a non-pharmacist

- Copy of an outpatient medication order

- Reinstatement of an outpatient medication order

See illustrations below:

Example: Local RX

```
===============================================================================
*** THERAPEUTIC DUPLICATION(S) *** FAMOTIDINE 20MG TAB with

          Local Rx#: 2561
               Drug: CIMETIDINE 300MG TAB (DISCONTINUED)
                SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
                QTY: 30                 Days Supply: 30
      Processing Status: Released locally on 3/4/08@08:55:32  (Window)
       Last Filled On: 11/08/06

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists)
===============================================================================
```

Example: Remote Rx

```
===============================================================================
```

```
*** THERAPEUTIC DUPLICATION(S) *** SUCRALFATE 1GM TAB with

        LOCATION: <VA OR DOD FACILITY>    Remote Rx#: 65343
                 Drug: RANITIDINE HCL 150MG TAB (EXPIRED)
                  SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                  QTY: 180              Days Supply: 90
       Last Filled On: 11/08/06

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents
=============================================================================
```

Example: Pending Order

```
=============================================================================

*** THERAPEUTIC DUPLICATION(S) *** NIZATIDINE 150MG CAP with

        Pending Drug: FAMOTIDINE 20MG TAB
                 SIG: TAKE ONE TABLET BY TWICE DAILY

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents
=============================================================================
```

Example: Non-VA Med Order

```
=============================================================================

*** THERAPEUTIC DUPLICATION(S) *** FAMOTIDINE 20MG TAB with

          Non-VA Med: CIMETIDINE 300MG TAB
              Dosage: 300MG    Schedule: TWICE A DAY

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists)
=============================================================================
```

If the CANCEL DRUG IN SAME CLASS outpatient site parameter is set to 'No', the following
information is shown for the duplicate therapy warning:

```
=============================================================================
*** THERAPEUTIC DUPLICATION(S) *** NIZATIDINE 150MG CAP with

   Local Rx #2561 (ACTIVE) for CIMETIDINE 300MG TAB

   Local Rx #2572 (PROVIDER HOLD) for SUCRALFATE 1MG TAB

   Remote Rx #2571 (DISCONTINUED) for RANITIDINE HCL 150MG TAB

   Pending Order for FAMOTIDINE 20MG TAB

   Non-VA Med Order for CIMETIDINE 300MG TAB

Class(es)Involved in Therapeutic Duplication(s): PEPTIC ULCER AGENTS, HISTAMINE-2 RECEPTOR
ANTAGOINSTS (H2 ANTAGONISTS)
=============================================================================
```

If there is more than one remote, local, pending or Non-VA med order involved in the
therapeutic duplication, the order details will be displayed one after the other.

If the same drugs are involved in multiple therapeutic duplications, a single therapeutic
duplication warning will be displayed and multiple therapeutic classes will be listed.

If the CANCEL DRUG IN SAME CLASS outpatient site parameter is set to 'No', no discontinue action prompt will be presented.

After all the therapeutic duplication warnings are displayed and if the CANCEL DRUG IN SAME CLASS outpatient site parameter is set to 'Yes', the user will be asked if they want to discontinue any of the orders.

See Examples:

```
Discontinue RX #2580A SUCRALFATE 1GM TAB? Y/N
```

```
Discontinue Pending Order SUCRALFATE 1GM TAB? Y/N
```

The system will only allow a discontinuation action on active, pending, non-verified and orders placed on hold by pharmacy.

The system will display the following information for the numbered list of orders:

- Prescription number (if applicable)

- Dispense Drug (Orderable item if dispense drug not assigned to order)

- Indicate if the order is pending (with text 'Pending Order')

See example below:

```
    1. Pending order  AMLODIPINE 5MG/ATORVASTATIN 10MG
    2. RX #2426 LOVASTATIN 40MG TAB
```

The discontinuation of selected orders by the system will occur at the time the user accepts the order that is being processed.

```
Discontinue order(s)? Y/N  Y es

    1. RX #2577 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
    2. RX #2581 CHOLESTYRAMINE 9GM PACKETS

Select (1-2):  1  Duplicate Therapy RX #2577 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB will be
discontinued after the acceptance of the new order.
```

```
Discontinue order(s)? Y/N  Y es

    1. RX #2577 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
    2. Pending Order CHOLESTYRAMINE 9GM PACKETS

Select (1-2):  2  Duplicate Therapy Pending Order CHOLESTYRAMINE 9GM PACKETS will be
discontinued after the acceptance of the new order.
```

If the user fails to accept the order that is being processed or exits before accepting the order, the system will not discontinue the order(s) selected.

The message displayed to the user will contain:

- Indicate that discontinuance was for Duplicate Therapy

- The prescription number or text 'Pending order' if order status is pending.

- Dispense Drug (Orderable item if dispense drug not assigned to order)

- Ending with text 'NOT Discontinued'

See examples below:

```
Duplicate Therapy  RX #2710 CIMETIDINE 300MG TAB NOT Discontinued.
```

```
Duplicate Therapy  Pending Order RANITIDINE  150MG TAB NOT Discontinued.
```

Once the order being processed is accepted and there were orders selected for discontinuation, the system will inform the user when the discontinuation occurs.

The message displayed to the user will contain:

- An indication that discontinuance was for Duplicate Therapy

- The prescription number or text 'Pending order' if order status is pending.

- Dispense Drug (Orderable item if dispense drug not assigned to order)

- Ending with text 'has been discontinued.'

See examples below:

```
Duplicate Therapy RX #2549 CIMETIDINE 300MG TAB has been discontinued...
```

```
Duplicate Therapy  Pending Order RANITIDINE  150MG TAB has been discontinued.
```

See Therapeutic Duplication examples below:

Example: Finishing pending order – Therapeutic Duplication with Non-VA med and discontinued order -No discontinue action allowed.

```
*(1) Orderable Item: FAMOTIDINE TAB ***(N/F)*** <DIN>
 (2)       CMOP Drug: FAMOTIDINE 20MG TAB ***(N/F)*** <DIN>
               NDC: 00056-0176-75
 (3)         *Dosage: 20 (MG)
              Verb: TAKE
     Dispense Units: 1
              Noun: TABLET
           *Route: ORAL
+        Enter ?? for more actions
BY  Bypass                          DC  Discontinue
ED  Edit                            FN  Finish
Select Item(s): Next Screen// FN   Finish

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...


=========================================================================
*** THERAPEUTIC DUPLICATION(S) *** FAMOTIDINE 20MG TAB with
```

```
                Local Rx#: 2561
                      Drug: CIMETIDINE 300MG TAB (DISCONTINUED)
                       SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
                       QTY: 30                 Days Supply: 30
              Processing Status: Released locally on 3/4/08@08:55:32  (Window)
             Last Filled On: 11/08/06
-------------------------------------------------------------------------------
            Non-VA Med: CIMETIDINE 300MG TAB
                Dosage: 300MG    Schedule: TWICE A DAY


Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists)
===============================================================================

Press Return to Continue:

Rx # 2570              03/07/08
PSOPATIENT,ONE                    #180
TAKE ONE TABLET BY MOUTH TWICE A DAY

FAMOTIDINE 20MG TAB
PSOPROVIDER,ONE             PSOPHARMACIST,ONE
# of Refills: 3


      SC Percent: 80%
    Disabilities: NONE STATED

Was treatment for a Service Connected condition? YES//
Are you sure you want to Accept this Order? NO//
```

Example: New Order Entry Backdoor – Therapeutic Duplication with pending and active order. Discontinue action shown.

```
PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order
Select Action: Quit// no   New Order

Eligibility: SERVICE CONNECTED 50% to 100%    SC%: 80
RX PATIENT STATUS: SC//
DRUG: Nizatidine
    Lookup: DRUG  GENERIC NAME
NIZATIDINE 150MG CAP        GA302
         ...OK? Yes//   (Yes)

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

===========================================================================
*** THERAPEUTIC DUPLICATION(S) *** NIZATIDINE 150MG CAP with

          Local Rx#: 2549
               Drug: CIMETIDINE 300MG TAB (ACTIVE)
                SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
                QTY: 30                 Days Supply: 30
        Processing Status: Released locally on 3/4/09@08:55:32  (Window)
       Last Filled On: 11/08/06
-------------------------------------------------------------------------------
         Pending Drug: FAMOTIDINE 20MG TAB
                  SIG: TAKE ONE TABLET BY TWICE DAILY

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists)
===========================================================================
```

```
Discontinue order(s)? Y/N  No

Press Return to Continue...

Available Dosage(s)
      1. 150MG
      2. 300MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list:
.
.
        OR

Discontinue order(s)? Y/N  Y es

    1. Pending Order FAMOTIDINE 20MG TAB
    2. RX #2549 CIMETIDINE 300MG TAB

Select (1-2):  2  Duplicate Therapy RX #2549 CIMDTIDINE 300MG TAB will be discontinued after
the acceptance of the new order.
Available Dosage(s)
      1. 150MG
      2. 300MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 150MG

You entered 150MG is this correct? Yes//   YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 150MG

NOUN: TABLET
ROUTE: PO//   ORAL      PO  MOUTH
Schedule:
This is a required response. Enter '^' to exit
Schedule: BID (TWO TIMES A DAY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:
PATIENT INSTRUCTIONS:
(TAKE ONE TABLET BY MOUTH TWO TIMES A DAY)

DAYS SUPPLY:  (1-90): 60//
QTY (  ) : 360// 180
COPIES: 1// 1
# OF REFILLS:  (0-3): 3//
PROVIDER:    PSOPROVIDER,ONE
CLINIC:    BARB'S CLINIC 2
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
REMARKS:
ISSUE DATE: TODAY//   (MAR 12, 2008)
FILL DATE:  (3/12/2008 - 3/13/2009): TODAY//   (MAR 12, 2008)
Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Rx # 2580              03/12/08
PSOPATIENT,ONE              #180
TAKE ONE TABLET BY MOUTH TWO TIMES A DAY

NIZATIDINE 150MG CAP
PSOPROVIDER,ONE       PSOPHARMACIST,ONE
# of Refills: 3


      SC Percent: 80%
    Disabilities: NONE STATED
```

```
Was treatment for a Service Connected condition?
This is a required response. Enter '^' to exit
Was treatment for a Service Connected condition? NO
Is this correct? YES//

 -Duplicate Therapy RX #2549 CIMETIDINE 300MG TAB has been discontinued...


Another New Order for PSOPATIENT,ONE? YES//
```

Example: Finishing Pending Order – Therapeutic Duplication with Non-Verified and Active orders. One drug is involved in both therapeutic duplications. One duplication allowance value is greater than '0'.

```
-----------------------------------ACTIVE----------------------------------
 1 2577       AMLODIPINE 5MG/ATORVASTATIN 10MG TAB 90 A  03-07 03-07   3  90
 2 2578       ITRACONAZOLE 100MG CAP                60 A  03-07 03-07   0  30
 3 2576       SUCRALFATE 1MG TAB                   120 A  03-07 03-07   0  30
--------------------------------NON-VERIFIED-------------------------------
 4 2581       CHOLESTYRAMINE 9GM PACKETS            60 N  03-12 03-12  11  30
-----------------------------------PENDING---------------------------------
 5 SIMVASTATIN 20MG TAB                 QTY: 30       ISDT: 03-12  REF:  6

        Enter ?? for more actions

ED  Edit                             FN  Finish

Pending OP Orders (ROUTINE)   Mar 12, 2008@07:54:21       Page:  1 of  3
OPPATIENT, THREE                                   <A>
  PID: 666-44-4444                           Ht(cm): _____ (_____)
  DOB: JUL 3,1949 (58)                       Wt(kg): 51.36 (10/01/1996)

CPRS Order Checks:
     CRITICAL drug-drug interaction: ITRACONAZOLE & SIMVASTATIN
     (ITRACONAZOLE CAP,ORAL  100MG TAKE ONE CAPSULE BY MOUTH EVERY 12 HOURS
     [ACTIVE])
     Overriding Provider: PSOPROVIDER,ONE
     Overriding Reason: TESTING

     CRITICAL drug-drug interaction: ITRACONAZOLE & SIMVASTATIN
     ITRACONAZOLE CAP,ORAL  100MG PO BID  [ACTIVE])
     Overriding Provider: PSOPROVIDER,ONE
     Overriding Reason: TESTING

     Duplicate drug class order: ANTILIPEMIC AGENTS (CHOLESTYRAMINE 9GM
     PACKETS TAKE ONE PACKET BY MOUTH TWICE A DAY DISSOLVE IN WATER OR
     JUICE. [PENDING])

+        Enter ?? for more actions
BY  Bypass                            DC  Discontinue
ED  Edit                              FN  Finish
Select Item(s): Next Screen// FN    Finish

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

=========================================================================
THERAPEUTIC DUPLICATION(S) *** SIMVASTATIN 20MG TAB with

        Local Rx#: 2577
             Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB (ACTIVE)
              SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
              QTY: 90            Days Supply: 90
     Processing Status: Released locally on 3/7/08@08:55:32  (Window)
      Last Filled On: 03/07/08
```

```
                Local Rx#: 2581
                    Drug: CHOLESTYRAMINE 9GM PACKETS (NON-VERIFIED)
                     SIG: TAKE ONE PACKET BY MOUTH TWICE A DAY DISSOLVE IN WATER
                          OR JUICE.
                     QTY: 60                   Days Supply: 30
          Processing Status: Not released locally (Window)
         Last Filled On: 11/08/06
Class(es)Involved in Therapeutic Duplication(s): HMGCo-A Reductase Inhibitors,
Antihyperlipidemics

================================================================================
Discontinue order(s)? Y/N   Y es

    1. RX #2577 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
    2. RX #2581 CHOLESTYRAMINE 9GM PACKETS

Select (1-2):  1  Duplicate Therapy RX #2577 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB will be
discontinued after the acceptance of the new order.


Rx # 2582             03/12/08
TEST,D                         #30
TAKE ONE TABLET BY MOUTH EVERY EVENING

SIMVASTATIN 20MG TAB
PSOPROVIDER,ONE        PSOPHARMACIST,ONE
# of Refills: 6


This Rx has been flagged by the provider as: NO COPAY


Was treatment related to Agent Orange exposure? YES//
Are you sure you want to Accept this Order? NO// YES

METHOD OF PICK-UP:
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

-Duplicate Therapy RX #2577 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB has been discontinued...

Press Return to Continue:
```

Example: Renewing an order –Therapeutic Duplication involving 5 drugs, one therapy class and only one order can be discontinued.

```
+         Enter ?? for more actions
DC   Discontinue        PR    Partial              RL    Release
ED   Edit               RF    Refill               RN    Renew
Select Action: Next Screen// rn   Renew
FILL DATE:  (3/12/2008 - 3/13/2009): TODAY//   (MAR 12, 2008)
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Now Renewing Rx # 2580   Drug: SUCRALFATE 1GM TAB

================================================================================
*** THERAPEUTIC DUPLICATION(S) *** SUCRALFATE 1GM TAB with

           Local Rx#: 2574
                Drug: CIMETIDINE 300MG TAB (DISCONTINUED)
                 SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                 QTY: 180                 Days Supply: 90
         Processing Status: Released locally on 3/7/08@08:55:32  (Window)
        Last Filled On: 03/07/08
```

```
             Local Rx#: 2573
                  Drug: NIZATIDINE 150MG CAP (HOLD)
                   SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
                   QTY: 180                 Days Supply: 90
         Processing Status: Released locally on 3/7/08@08:55:32   (Window)
         Last Filled On: 03/07/08

                LOCATION: <VA OR DOD FACILITY>    Remote Rx#: 65343
                    Drug: RANITIDINE HCL 150MG TAB (EXPIRED)
                     SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                     QTY: 180                 Days Supply: 90

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists)

==============================================================================
Discontinue RX #2573 NIZATIDINE 150MG CAP? Y/N   No

Press Return to Continue:

2580A        SUCRALFATE 1MG TAB                QTY: 360
# OF REFILLS: 3   ISSUED: 03-12-08
SIG: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY
FILLED: 03-12-08
ROUTING: WINDOW      PHYS: PSOPROVIDER,ONE

Edit renewed Rx ? Y// n   NO

     SC Percent: 80%
   Disabilities: NONE STATED

Was treatment for a Service Connected condition? NO//
```

Example: Verification of Non-Verified Order

```
OP Medications (NON-VERIFIED) Dec 20, 2011@14:45:54        Page:    1 of    2
PSOPATIENT,ONE                                                      <A>
 PID: 666-00-0000                              Ht(cm): _____ (_____)
 DOB: JAN 1,1945 (66)                          Wt(kg): _____ (_____)

               Rx #: 2382$
 (1) *Orderable Item: NIZATIDINE CAP,ORAL
 (2)          Drug: NIZATIDINE 150MG CAP
              NDC: 00056-0176-75
 (3)        *Dosage: 150 (MG)
             Verb: TAKE
     Dispense Units: 1
             Noun: CAPSULE
           *Route: ORAL
         *Schedule: BID
 (4)Pat Instructions:
              SIG: TAKE ONE CAPSULE BY BY MOUTH TWICE A DAY
 (5)   Patient Status: OPT NSC
 (6)     Issue Date: 12/20/11            (7)   Fill Date: 12/20/11
     Last Fill Date: 12/20/11 (Window)
+        Enter ?? for more actions
DC   Discontinue         PR   (Partial)        RL   (Release)
ED   Edit                RF   (Refill)         RN   (Renew)
Select Action: Next Screen// VF    VF

RX: 2382           PATIENT: PSOPATIENT,ONE (666-00-0000)
STATUS: Non-Verified   CO-PAY STATUS
     DRUG: NIZATIDINE 150MG CAP
      QTY: 180      90 DAY SUPPLY
      SIG: TAKE ONE CAPSULE BY BY MOUTH TWICE A DAY
   LATEST: 12/20/2011             # OF REFILLS: 3  REMAINING: 3
   ISSUED: 12/20/11                  PROVIDER:
   LOGGED: 12/20/11                   CLINIC: NOT ON FILE
  EXPIRES: 12/20/12                 DIVISION: HINES (499)
```

```
      CAP: SAFETY                       ROUTING: WINDOW
  ENTRY BY: PSTECH,ONE              VERIFIED BY:

EDIT:  (Y/N/P): N// O

PSOPATIENT,ONE                               ID#:666-00-0000  RX#: 2382


                                                    ISSUE  LAST REF DAY
     RX #          DRUG                        QTY ST  DATE  FILL REM SUP
---------------------------------------------------------------------------
-------------------------------------ACTIVE--------------------------------
   2380$       ACETAMINOPHEN 325MG TAB U.D.      540 A  12-20 12-20  3  90
   2379$       WARFARIN 2.5MG TABS                90 A  12-20 12-20  3  90
-----------------------------------DISCONTINUED----------------------------
   2378$       INDOMETHACIN 25MG CAP             270 DC 12-20 12-20  3  90
   2377$       WARFARIN 10MG TABS              2160 DC 12-20 12-20  3  90
----------------------------------NON-VERIFIED-----------------------------
   2382$       NIZATIDINE 150MG CAP             180 N  12-20 12-20  3  90
   2381$       SUCRALFATE 1 GM TAB              360 N  12-20 12-20  3  90


Press Return to continue:

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please wait...


================================================================================
*** THERAPEUTIC DUPLICATION(S) *** NIZATIDINE 150MG CAP with

        Local RX#: 2381
             Drug: SUCRALFATE 1 GM TAB (Non-Verified)
              SIG: TAKE ONE TABLET BY BY MOUTH FOUR TIMES A DAY
              QTY: 360                     Days Supply: 90
    Processing Status: Not released locally (Window)
    Last Filled On: 12/20/11
 Class(es) Involved in Therapeutic Duplication(s): Peptic Ulcer Agents
================================================================================

Press Return to continue:


Discontinue Rx #2381 SUCRALFATE 1 GM TAB Y/N ? NO

PSOPATIENT,ONE                               ID#:666-00-0000  RX#: 2382
NIZATIDINE 150MG CAP

VERIFY FOR PSOPATIENT,ONE ? (Y/N/Delete/Quit): Y// ES
```

Example: Copying an Existing Order

```
New OP Order (COPY)         Mar 12, 2008@09:15:48      Page:   1 of   2
PSOPATIENT,TWO                                                  <A>
 PID: 000-00-0000                         Ht(cm): 182.88 (04/13/2005)
 DOB: JAN 1,1945 (63)                     Wt(kg): 77.27 (04/13/2005)


     Orderable Item: AMLODIPINE/ATORVASTATIN TAB
 (1)           Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
 (2) Patient Status: OPT NSC
 (3)    Issue Date: MAR 12,2008         (4) Fill Date: MAR 12,2008
              Verb: TAKE
 (5) Dosage Ordered: ONE TABLET
            Route: ORAL
          Schedule: QAM
 (6)Pat Instruction:
              SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
 (7)    Days Supply: 30                 (8)   QTY ( ): 30
```

```
  (9)   # of Refills: 11                    (10)   Routing: WINDOW
 (11)        Clinic:
 (12)       Provider: PSOPROVIDER,ONE                (13)   Copies: 1
+        Enter ?? for more actions
AC   Accept                              ED   Edit
Select Action: Next Screen// AC   Accept
------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

             Rx #: 2584
             Drug: AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
              SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
              QTY: 30              Refills remaining: 11
         Provider: OPPROVIDER, ONE                Issued: 03/12/07
           Status: ACTIVE               Last filled on: 03/12/07
 Processing Status: Released locally on 03/12/07@08:55:32  (Window)
                                           Days Supply: 30

------------------------------------------------------------------------------
Discontinue Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB? Y/N YES

Rx #2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB will be discontinued after the acceptance of
the new order.

==============================================================================
*** THERAPEUTIC DUPLICATION(S) *** AMLODIPINE 5MG/ATORVASTATIN 10MG TAB with

        Pending Drug: LOVASTATIN 20MG TAB
                 SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME FOR HIGH CHOLESTEROL
        Pending Drug: NIFEDIPINE 10MG CAP
                 SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
Class(es)Involved in Therapeutic Duplication(s): Calcium Channel Blockers, HMGCo-A Reductase
Inhibitors

==============================================================================
Discontinue order(s)? Y/N  Y es

   1. Pending Order NIFEDIPINE 10MG CAP
   2. Pending Order LOVASTATIN 20MG TAB

Select (1-2):  1-2  Pending Order NIFEDIPINE 10MG CAP will be discontinued after the
acceptance of the new order.
Pending Order LOVASTATIN 20MG TAB will be discontinued after the acceptance of the new order.

Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Rx # 2585            03/12/08
PSOPATIENT,TWO T                  #30
TAKE ONE TABLET BY MOUTH EVERY MORNING

AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
PSOPROVIDER,ONE        PSOPHARMACIST,ONE
# of Refills: 11


     SC Percent: 40%
    Disabilities: NONE STATED

Was treatment for Service Connected condition? NO//

Is this correct? YES// ...

Duplicate Drug Rx 2584 AMLODIPINE 5MG/ATORVASTATIN 10MG TAB has been discontinued…
Duplicate Therapy Pending Order NIFEDIPINE 10MG CAP has been discontinued…
Duplicate Therapy Pending Order LOVASTATIN 20MG TAB has been discontinued…
```

Example: Reinstating a Discontinued Order

```
                    Rx #: 2586
  (1) *Orderable Item: CIMETIDINE TAB
  (2)            Drug: CIMETIDINE 300MG TAB
                  NDC: 00056-0176-75
  (3)         *Dosage: 300 (MG)
                 Verb: TAKE
       Dispense Units: 1
                 Noun: TABLET
               *Route: ORAL
            *Schedule: QHS
  (4)Pat Instructions:
                  SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
  (5)   Patient Status: OPT NSC
  (6)       Issue Date: 03/12/08              (7)  Fill Date: 03/12/08
       Last Fill Date: 03/12/08 (Window)
  +         Enter ?? for more actions
  DC  Discontinue          PR  (Partial)           RL  Release
  ED  (Edit)               RF  (Refill)            RN  Renew
  Select Action: Next Screen// dc   Discontinue
  Are you sure you want to Reinstate? NO// YES

  Comments: REINSTATING
  Nature of Order: SERVICE CORRECTION//        S
  ================================================================================

  2586           CIMETIDINE 300MG TAB


  Now doing remote order checks. Please wait...

  Now doing allergy checks.  Please wait...

  Now processing Clinical Reminder Order Checks. Please wait ...

  Now Processing Enhanced Order Checks!  Please wait...



  ================================================================================
  *** THERAPEUTIC DUPLICATION(S) *** CIMETIDINE 300MG TAB with

            Local Rx#: 2576
                 Drug: SUCRALFATE 1GM TAB (ACTIVE)
                  SIG: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY
                  QTY: 1200              Days Supply: 30
       Processing Status: Released locally on 3/7/08@08:55:32  (Window)
         Last Filled On: 03/07/08

  Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents
  ================================================================================
  Discontinue RX # 2576 SUCRALFATE 1GM TAB? Y/N NO - Prescription was not discontinued...


  Prescription #2586 REINSTATED!
     Prescription #2586 Filled: MAR 12, 2008Printed:     Released:
       Either print the label using the reprint option
         or check later to see if the label has been printed.
```

Example: Creating a New Order – Editing the Orderable Item

```
                    Rx #: 2594
 (1) *Orderable Item: ENALAPRIL TAB ***(N/F)***
 (2)           Drug: ENALAPRIL 5MG TAB ***(N/F)***
                NDC: 00056-0176-75
 (3)        *Dosage: 5 (MG)
               Verb: TAKE
      Dispense Units: 1
              Noun: TABLET
           *Route: ORAL
        *Schedule: QAM
 (4)Pat Instructions:
                SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
 (5)  Patient Status: SC
 (6)     Issue Date: 03/12/08              (7)  Fill Date: 03/12/08
      Last Fill Date: 03/12/08 (Window)
+        Enter ?? for more actions
DC  Discontinue         PR   Partial             RL   Release
ED  Edit                RF   Refill             RN   Renew
Select Action: Next Screen// 1

Current Orderable Item: ENALAPRIL TAB

Select PHARMACY ORDERABLE ITEM NAME: ENALAPRIL// dip
     1   DIPHENHYDRAMINE       CREAM,TOP
     2   DIPHENHYDRAMINE       CAP,ORAL
     3   DIPYRIDAMOLE       TAB
CHOOSE 1-3: 3  DIPYRIDAMOLE      TAB

New Orderable Item selected. This edit will create a new prescription!


Press Return to Continue...


DRUG NAME REQUIRED!

Instructions:

The following Drug(s) are available for selection:
1. DIPYRIDAMOLE 25MG TAB
2. DIPYRIDAMOLE 50MG TAB

Select Drug by number:  (1-2): 1

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

===============================================================================
*** THERAPEUTIC DUPLICATION(S) *** DIPYRIDAMOLE 25MG TAB with

         Local Rx#: 2560
             Drug: WAFFARIN 5MG TAB (ACTIVE)
              SIG: TAKE ONE TABLET BY MOUTH EVERY EVENING
              QTY: 90                Days Supply: 90
      Processing Status: Released locally on 3/4/08@08:55:32  (Window)
        Last Filled On: 03/04/08

Class(es)Involved in Therapeutic Duplication(s): Antiplatelet Drugs, Antithrombotic Drugs

===============================================================================
Discontinue RX # 2560 WAFFARIN 5MG TAB? Y/N  NO -Prescription was not discontinued...

You have changed the Orderable Item from ENALAPRIL to
```

```
DIPYRIDAMOLE.

Do You want to Edit the SIG? NO// y  YES
Available Dosage(s)
        1. 25MG
        2. 50MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 25MG

You entered 25MG is this correct? Yes//    YES
VERB: TAKE// TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 25MG

NOUN: TABLET// TABLET

ROUTE: ORAL// ORAL
Schedule: QAM// tid (THREE TIMES A DAY)
LIMITED DURATION (IN MONTHS, WEEKS, DAYS, HOURS OR MINUTES):
CONJUNCTION:


New OP Order (ROUTINE)        Mar 12, 2008@10:58:24      Page:    1 of    2
PSOPATIENT,ONE                                                      <A>
  PID: 666-00-0000                            Ht(cm): _____ (_____)
  DOB: JAN 1,1910 (98)                        Wt(kg): _____ (_____)

       Orderable Item: DIPYRIDAMOLE TAB
  (1)          Drug: DIPYRIDAMOLE 25MG TAB
  (2) Patient Status: SC
  (3)     Issue Date: MAR 12,2008           (4) Fill Date: MAR 12,2008
  (5) Dosage Ordered: 25 (MG)
                 Verb: TAKE
       Dispense Units: 1
                 Noun: TABLET
                Route: ORAL
             Schedule: TID
  (6)Pat Instruction:
                  SIG: TAKE ONE TABLET BY MOUTH THREE TIMES A DAY
  (7)    Days Supply: 90                    (8)    QTY (TAB): 180
  (9)   # of Refills: 3                     (10)  Routing: WINDOW
+         This change will create a new prescription!
AC   Accept                          ED   Edit
Select Action: Next Screen// ac   Accept
Nature of Order: SERVICE CORRECTION//        S
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Rx # 2595             03/12/08
PSOPATIENT,ONE                   #180
TAKE ONE TABLET BY MOUTH THREE TIMES A DAY

DIPYRIDAMOLE 25MG TAB
PSOPROVIDER,ONE          PSOPHARMACIST,ONE
# of Refills: 3


The Pharmacy Orderable Item has changed for this order. Please review any
existing SC or Environmental Indicator defaults carefully for appropriateness.


      SC Percent: 80%
    Disabilities: NONE STATED

Was treatment for a Service Connected condition? YES//
Is this correct? YES// ...
```

Example: Cancel drug in same class parameter set to No

```
PSOPATIENT,ONE                                                <A>
  PID: 666-00-0000                            Ht(cm): _____ (_____)
  DOB: JAN 1,1910 (98)                        Wt(kg): _____ (_____)
  SEX: FEMALE              Non-VA Meds on File    Last entry on 03/03/08
  CrCL: <Not Found>                           BSA (m2):
                                                  ISSUE  LAST REF DAY
  #  RX #       DRUG                           QTY ST  DATE  FILL REM SUP

---------------------------------ACTIVE----------------------------------
 1 2562       AMINOPHYLLINE 200MG TAB          360 A  03-04 03-04  3  90
 2 2567       CAPTOPRIL 12.5MG TAB             180 A  03-06 03-06  3  90
 3 2563       CISAPRIDE 10MG                    90 A  03-06 03-06  3  90
 4 2568       DIGOXIN 0.125MG                   30 A  03-06 03-06  3  90
 5 2550       IBUPROFEN 600MG TAB              270 A  03-03 03-04  3  90
 6 2560       WARFARIN 5MG TAB                  90 A  03-04 03-04  3  90
------------------------------DISCONTINUED-------------------------------
 7 2561       CIMETIDINE 300MG TAB             90 DC  03-04 03-04  3  90
---------------------------------HOLD------------------------------------
+         Enter ?? for more actions
PU  Patient Record Update               NO  New Order
PI  Patient Information                  SO  Select Order
Select Action: Next Screen// NO   New Order

Eligibility: SERVICE CONNECTED 50% to 100%     SC%: 80
RX PATIENT STATUS: SC//
DRUG: NIZATIDINE
  Lookup: GENERIC NAME
NIZATIDINE 150MG CAP          GA301
        ...OK? Yes//   (Yes)

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...


=======================================================================
*** THERAPEUTIC DUPLICATION(S) *** NIZATIDINE 150MG CAP with

   Local Rx #2561 (ACTIVE) for CIMETIDINE 300MG TAB

   Local Rx #2572 (PROVIDER HOLD) for SUCRALFATE 1MG TAB

   Remote Rx #2571 (DISCONTINUED) for RANITIDINE HCL 150MG TAB

   Pending Order FAMOTIDINE 20MG TAB

   Non-VA Med Order for CIMETIDINE 300MG TAB

Class(es) Involved in Therapeutic Duplication(s): PEPTIC ULCER AGENTS, HISTAMINE-2 RECEPTOR
ANTAGOINSTS (H2 ANTAGONISTS)
=======================================================================
VERB: TAKE
Available Dosage(s)
      1. 150MG
      2. 300MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list:
```

Example: Entering a New Order – Not accepting order, duplicate therapy not discontinued

```
Select Action: Quit// NO   New Order

Eligibility: NSC     SC%: 5
RX PATIENT STATUS: OPT NSC//
DRUG: FAMOTIDINE
  Lookup: GENERIC NAME
FAMOTIDINE 20MG TAB          GA301
        ...OK? Yes//    (Yes)

  Restriction/Guideline(s) exist.  Display? :  (N/D/O/B): No//    NO

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please wait...

==============================================================================
  *** THERAPEUTIC DUPLICATION(S) *** FAMOTIDINE 20MG TAB with

        Local RX#: 2586A
            Drug: CIMETIDINE 300MG TAB (DISCONTINUED)
             SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
             QTY: 90                       Days Supply: 30
    Processing Status: Released locally on 3/12/08@08:55:32  (Window)
    Last Filled On: 03/12/08

Press Return to Continue:

        Local RX#: 2710
            Drug: RANITIDINE HCL 150MG TAB (ACTIVE)
             SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
             QTY: 60                       Days Supply: 30
    Processing Status: Released locally on 6/1/09@08:55:32  (Window)
    Last Filled On: 06/01/09

Press Return to Continue:

Class(es)Involved in Therapeutic Duplication(s): Peptic Ulcer Agents, Histamine-2 Receptor
Antagonists (H2 Antagonists)

==============================================================================
Press Return to Continue:

Discontinue Rx #2710 for RANITIDINE HCL 150MG TAB Y/N ? YES

Duplicate Therapy RX #2710 RANITIDINE HCL 150MG TAB will be discontinued after the acceptance
of the new order.
==============================================================================

VERB: TAKE
Available Dosage(s)
       1. 20MG
       2. 40MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 20MG

You entered 20MG is this correct? Yes//   YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 20MG

NOUN: TABLET
ROUTE: PO//   ORAL      PO  MOUTH
Schedule: BID// QAM   (EVERY MORNING )
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
```

```
CONJUNCTION:
PATIENT INSTRUCTIONS:

(TAKE ONE TABLET BY MOUTH EVERY MORNING )

DAYS SUPPLY:  (1-90): 30// ^
RX DELETED

Duplicate Therapy RX #2710 RANITIDINE HCL 150MG TAB NOT Discontinued.
```

Dosing Order Checks

MOCHA v2.0 implements the first increment of dosage checks and introduces the Maximum Single Dose Check for simple and complex orders for both Outpatient Pharmacy and Inpatient Medications applications. MOCHA v2.0 uses the same interface to First Databank (FDB) as MOCHA v1.0.

Please refer to the ***Dosing Order Checks User Manual*** for a detailed description of dosing order checks.

CPRS Order Checks

Three CPRS order checks have been added to the list of order checks performed within the Outpatient Pharmacy application.

- Aminoglycoside Ordered

- Dangerous Meds for Patient >64

- Glucophage –Lab Results

The CPRS order checks shall be incorporated in the following Outpatient Pharmacy order entry processes:

- Entering a new order via backdoor pharmacy options

- Finishing a pending order

- Renewing an order

- Editing an order which results in a new order being created.

- Verifying an order

- Copying an order

- Reinstating a discontinued order

No user action/intervention shall be required after a CPRS order check warning is displayed.

The following information is displayed for the Aminoglycoside Ordered order check:

- Order Check Name

- Text message displaying an estimated CrCL if available or a message that it is not

```
***Aminoglycoside Ordered***

Aminoglycoside - est. CrCl: <VALUE> (CREAT: <result>  BUN: <result>) [Est. CrCl
Based on modified Cockcroft-Gault equation using Adjusted Body Weight (if ht > 60 in)].
```

-OR-

```
***Aminoglycoside Ordered***

Aminoglycoside – est. CrCl: <Unavailable> (<Results Not Found>)  [Est. CrCl
Based on modified Cockcroft-Gault equation using Adjusted Body Weight (if ht > 60
```

The following information is displayed for the Dangerous Meds for Patient >64 order check:

- Order Check Name

- Text message displaying a message if patient is greater than 64 and has been prescribed Amitriptyline

```
***Dangerous Meds for Patient >64***

Patient is <age>.  Amitriptyline can cause cognitive impairment and loss of balance in older
patients.  Consider other antidepressant medications on formulary.
```

-OR-

Text message displaying a message if patient is greater than 64 and has been prescribed Chlorpropamide

```
***Dangerous Meds for Patient >64***

Patient is <age>.  Older patients may experience hypoglycemia with Chlorpropamide due do its
long duration and variable renal secretion. They may also be at increased risk for
Chlorpropamide-induced SIADH.
```

-OR-

Text message displaying a message if patient is greater than 64 and has been prescribed Dipyridamole

```
***Dangerous Meds for Patient >64***

Patient is <age>.  Older patients can experience adverse reactions at high doses of
Dipyridamole (e.g., headache, dizziness, syncope, GI intolerance.)  There is also
questionable efficacy at lower doses.
```

The following information is displayed for the Glucophage Lab Results order check:

- Order Check Name

- Text message displaying a serum creatinine does not exist or it is greater than 1.5

```
***Metformin Lab Results***

Metformin - no serum creatinine within past 60 days.
```

-OR-

```
***Metformin Lab Results***

Metformin – Creatinine results: <creatinine greater than 1.5 w/in past <x> days>
```

Examples of CPRS Order Checks

New Order Entry – Backdoor – Dangerous Meds for Patient > 64 for Dipyridamole

```
Select Action: Quit// NO   New Order

Eligibility: NSC
RX PATIENT STATUS: OPT NSC//
DRUG: DIPYRIDAMOLE
  Lookup: GENERIC NAME
     1    DIPYRIDAMOLE 25MG TAB          BL117
     2    DIPYRIDAMOLE 50MG TAB          BL117
CHOOSE 1-2: 1  DIPYRIDAMOLE 25MG TAB          BL117

***DANGEROUS MEDS FOR PATIENT >64***

Patient is 78.  Older patients can experience adverse reactions at high doses of Dipyridamole
(e.g., headache, dizziness, syncope, GI intolerance.)  There is also questionable efficacy at
lower doses.


VERB: TAKE
Available Dosage(s)
      1. 25MG
      2. 50MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 25MG

You entered 25MG is this correct? Yes//   YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 25MG

NOUN: TABLET
ROUTE: PO//
```

Renewing an Order – Dangerous Meds for Patient >64 for Chlorpropamide

```
                 Rx #: 2613$
 (1) *Orderable Item: CHLORPROPAMIDE TAB
 (2)          Drug: CHLORPROPAMIDE 25OMG TAB
               NDC: 00056-0176-75
 (3)        *Dosage: 250 (MG)
              Verb: TAKE
      Dispense Units: 1
              Noun: TABLET
            *Route: ORAL
          *Schedule: BID
 (4)Pat Instructions:
               SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
 (5)  Patient Status: OPT NSC
 (6)     Issue Date: 03/25/08          (7)  Fill Date: 03/25/08
      Last Fill Date: 03/25/08 (Mail)
+       Enter ?? for more actions
DC  Discontinue         PR   Partial           RL   Release
ED  Edit                RF   Refill            RN   Renew
Select Action: Next Screen// RN   Renew

FILL DATE:  (3/25/2008 - 3/26/2009): TODAY//   (MAR 25, 2008)
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
```

```
Nature of Order: WRITTEN//        W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//    NO

Now Renewing Rx # 2613   Drug: CHLORPROPAMIDE 25OMG TAB


***DANGEROUS MEDS FOR PATIENT >64***

Patient is 78.  Older patients may experience hypoglycemia with Chlorpropamide due do its
long duration and variable renal secretion. They may also be at increased risk for
Chlorpropamide-induced SIADH.


2613A        CHLORPROPAMIDE 25OMG TAB         QTY: 60
# OF REFILLS: 3  ISSUED: 03-25-08
SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY


Creating New Order from Edit - Glucophage Lab Results for Metformin
*(1) Orderable Item: METFORMIN TAB,ORAL
 (2)          Drug: METFORMIN 500MG TAB
              NDC: 00056-0176-75
 (3)        *Dosage: 500 (MG)
             Verb: TAKE
ED  Edit                              FN  Finish
Select Item(s): Next Screen//    NEXT SCREEN

BY  Bypass                            DC  Discontinue
Pending OP Orders (ROUTINE)   Mar 25, 2008@15:33:47        Page:   2 of   3
PSOPATIENT,NINE                                                <A>
 PID: 000-00-0000                          Ht(cm): 177.80 (10/14/2005)
 DOB: JAN 1,1930 (78)                      Wt(kg): 136.36 (10/14/2005)
+
    Dispense Units: 1
            Noun: TABLET
           *Route: ORAL
        *Schedule: Q12H
 (4)   Pat Instruct:
 Provider Comments:
      Instructions: TAKE ONE TABLET PO Q12H
              SIG: TAKE ONE TABLET BY MOUTH EVERY 12 HOURS
 (5) Patient Status: OPT NSC
 (6)     Issue Date: MAR 25,2008        (7) Fill Date: MAR 25,2008
 (8)    Days Supply: 30                 (9)   QTY (TAB): 60
      Provider ordered 2 refills
(10)   # of Refills: 2                  (11)   Routing: MAIL
(12)        Clinic: BARB'S CLINIC
+       Enter ?? for more actions
ED  Edit                              FN  Finish
Select Item(s): Next Screen// ED   Edit
* Indicates which fields will create an new Order
Select Field to Edit by number:  (1-15): 3

Press Return to :

Available Dosage(s)
     1. 500MG
     2. 1000MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 500MG// 2 1000MG

You entered 1000MG is this correct? Yes//    YES
VERB: TAKE// TAKE
DISPENSE UNITS PER DOSE(TABLETS): 2// 2
Dosage Ordered: 1000MG

NOUN: TABLETS// TABLETS
ROUTE: ORAL// ORAL
Schedule: Q12H// QHS (AT BEDTIME)
```

```
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:

Pending OP Orders (ROUTINE)   Mar 25, 2008@15:34:08      Page:   1 of   3
PSOPATIENT,NINE                                                       <A>
  PID: 000-00-0000                          Ht(cm): 177.80 (10/14/2005)
  DOB: JAN 1,1930 (78)                       Wt(kg): 136.36 (10/14/2005)


CPRS Order Checks:
      Duplicate drug class order: ORAL HYPOGLYCEMIC AGENTS,ORAL (CHLORPROPAMIDE


      TAB  250MG TAKE ONE TABLET BY MOUTH TWICE A DAY  [PENDING])
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: testing

      Metformin - no serum creatinine within past 60 days.
     Overriding Provider: PSOPROVIDER,TEN
     Overriding Reason: testing

*(1) Orderable Item: METFORMIN TAB,ORAL
  (2)          Drug: METFORMIN 500MG TAB
                NDC: 00056-0176-75
  (3)       *Dosage: 1000 (MG)
               Verb: TAKE

+       This change will create a new prescription!
AC Accept                ED Edit                  DC Discontinue
Select Item(s): Next Screen// AC   Accept

***Metformin Lab Results***

Metformin - no serum creatinine within past 60 days.


Rx # 2614          03/25/08
PSOPATIENT,NINE                    #1440
TAKE TWO TABLETS BY MOUTH AT BEDTIME

METFORMIN 500MG TAB
PSOPROVIDER,TEN          PSOPHARMACIST,22
# of Refills: 2


Are you sure you want to Accept this Order? NO// YES
Nature of Order: SERVICE CORRECTION//
```

Copying an Order – Aminoglycoside Ordered - Gentamicin

```
Select Action: Next Screen// CO   CO

OP Medications (ACTIVE)      Mar 25, 2008@15:46:18      Page:   1 of   2
PSOPATIENT,NINE                                                       <A>
  PID: 000-00-0000                          Ht(cm): 177.80 (10/14/2005)
  DOB: JAN 1,1930 (78)                       Wt(kg): 136.36 (10/14/2005)


               Rx #: 2616$
 (1) *Orderable Item: GENTAMICIN INJ,SOLN
  (2)          Drug: GENTAMICIN 40MG/ML 2ML VI
               Verb: INJECT
  (3)       *Dosage: 80MG
            *Route: INTRAMUSCULAR
         *Schedule: Q8H
 (4)Pat Instructions:
              SIG: INJECT 80MG IM EVERY 8 HOURS
 (5)   Patient Status: OPT NSC
 (6)      Issue Date: 03/25/08          (7)  Fill Date: 03/25/08
     Last Fill Date: 03/25/08 (Window)
  Last Release Date:                    (8)      Lot #:
           Expires: 04/24/08                     MFG:
```

```
+        Enter ?? for more actions


AC   Accept                              ED   Edit


New OP Order (COPY)          Mar 25, 2008@15:46:18       Page:   1 of   2
PSOPATIENT,NINE                                                        <A>
  PID: 000-00-0000                        Ht(cm): 177.80 (10/14/2005)
  DOB: JAN 1,1930 (78)                    Wt(kg): 136.36 (10/14/2005)

       Orderable Item: GENTAMICIN INJ,SOLN
  (1)            Drug: GENTAMICIN 40MG/ML 2ML VI
  (2) Patient Status: OPT NSC
  (3)      Issue Date: MAR 25,2008         (4) Fill Date: MAR 25,2008
                 Verb: INJECT
  (5) Dosage Ordered: 80MG
                Route: INTRAMUSCULAR
             Schedule: Q8H
  (6)Pat Instruction:
                  SIG: INJECT 80MG IM EVERY 8 HOURS
  (7)    Days Supply: 10                  (8)   QTY (VI): 10
  (9)   # of Refills: 0                   (10)  Routing: WINDOW
(11)         Clinic: SHIRL-2
 (12)        Provider: PSOPROVIDER,TEN           (13)   Copies: 1
+        Enter ?? for more actions
AC   Accept                              ED   Edit
Select Action: Next Screen// AC   Accept


***Aminoglycoside Ordered***

Aminoglycoside - est. CrCl: <Unavailable> (<Results Not Found>)  [Est.
CrCl based on modified Cockcroft-Gault equation using Adjusted Body
Weight (if ht > 60 in)]


Nature of Order: WRITTEN//       W
WAS THE PATIENT COUNSELED: NO// NO

Do you want to enter a Progress Note? No//   NO

Rx # 2617            03/25/08
PSOPATIENT,NINE                    #10
INJECT 80MG IM EVERY 8 HOURS

GENTAMICIN 40MG/ML 2ML VI
PSOPROVIDER,TEN          PSOPHARMACIST,22
# of Refills: 0


Is this correct? YES//
```

Reinstating a Discontinued Order – Glucophage Lab Results for Metformin

```
            Rx #: 2614$
 (1) *Orderable Item: METFORMIN TAB,ORAL
 (2)            Drug: METFORMIN 500MG TAB
                 NDC: 00056-0176-75
 (3)        *Dosage: 1000 (MG)
                Verb: TAKE
     Dispense Units: 2
               Noun: TABLETS
            *Route: ORAL
         *Schedule: QHS
 (4)Pat Instructions:
               SIG: TAKE TWO TABLETS BY MOUTH AT BEDTIME
 (5)  Patient Status: OPT NSC
 (6)      Issue Date: 03/25/08          (7)  Fill Date: 03/25/08
     Last Fill Date: 03/25/08 (Mail)
```

```
+          Enter ?? for more actions
DC  Discontinue          PR   (Partial)          RL   Release
ED  (Edit)               RF   (Refill)           RN   Renew
Select Action: Next Screen// DC   Discontinue
Are you sure you want to Reinstate? NO// YES

Comments: TESTING
Nature of Order: SERVICE CORRECTION//        S
============================================================================== 2614
METFORMIN 500MG TAB


Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

***Metformin Lab Results***

Metformin – Creatinine results: <creatinine greater than 1.5 w/in past <7> days>


Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please wait...


Prescription #2614 REINSTATED!
   Prescription #2614
Filled: MAR 25, 2008    Printed: MAR 25, 2008      Released:


    Either print the label using the reprint option
      or check later to see if the label has been printed.
```

The list of available possible dosages shown after order checks is linked to the drug ordered. One of the dosages listed may be chosen or a different, free text dosage may be entered. Confirmation of the dosage is required and the value entered is displayed again to allow the user to confirm that it is correct.

Example: Entering a New Order (continued)

```
Available Dosage(s)
      1. 250MG
      2. 500MG
      3. 1000MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 3 500MG

You entered 500MG is this correct? Yes// <Enter> YES
```

For numeric dosages, the Dispense Units Per Dose value is calculated based on the strength of the dosage ordered divided by the strength of the medication ordered. The 500 mg dosage ordered will require two 250 mg capsules. The Dosage Ordered is re-displayed after the Dispense Units to allow the entry to be double-checked.

```
DISPENSE UNITS PER DOSE(CAPSULES): 2// <Enter> 2
Dosage Ordered: 500MG
```

If a Route has not been associated with the Dispense Drug, the default Route of PO or Oral will be displayed. A different Route can be entered or it can be deleted at this point if needed. The Route is not required to complete a prescription. If the abbreviation entered is in the stored list of possible routes, the entry will be expanded in the Sig.

```
ROUTE: PO// <Enter>   ORAL     PO  MOUTH
     or
ROUTE: PO// @ <Enter to delete>
```

A default schedule associated with the drug ordered is displayed. The default can be accepted or a different free text schedule can be entered. Free text entries cannot contain more than two spaces or be more than twenty characters long. Entries will be compared against a list of common abbreviations and expanded if the entry matches. Any entry not found in the list of common abbreviations will be displayed in the Sig as entered.

```
Schedule: QID//  (FOUR TIMES A DAY)
```

The LIMITED DURATION field is used only when a medication should be taken for a limited period of time. Days are assumed for numeric entries. Follow the number with an "H" to specify hours or an "M" to specify minutes.

Note: Do not use this field for Days Supply.

Example: Entering a New Order (continued)

```
LIMITED DURATION (IN DAYS, HOURS OR MINUTES): 10 (DAYS)
```

The CONJUCTION field is used to join dosing sequences in complex orders. Entries are limited to AND, THEN, or EXCEPT. AND is used for concurrent doses, such as "Take 1 tablet every morning AND take 2 tablets at bedtime." THEN is used for consecutive doses, such as "Take 2 tablets daily for one week THEN take 1 tablet for five days." EXCEPT is used to describe any dosing sequence that is not routine, such as "Take 1 tablet every day EXCEPT take no tablets Wednesday." See Chapter 2 in the *User Manual - Supplemental* for examples.

```
CONJUNCTION: <Enter>
```

Any entry in the PATIENT INSTRUCTIONS field will first be checked to see if it contains any abbreviations that can be expanded. The entry will be added to the end of the Sig, after the dosing information, and the entire Sig will be displayed.

```
PATIENT INSTRUCTIONS: WF              WITH FOOD

(TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS WITH FOOD)

OTHER PATIENT INSTRUCTIONS: WF         CON ALIMENTO
```

Patch PSS*1*47 adds two new optional fields, OTHER LANGUAGE PREFERENCE and PMI LANGUAGE PREFERENCE in the PHARMACY PATIENT file (#55) that stores if a patient has another language preference and if the patient's PMI sheets should print in English or Spanish at the CMOP. The CMOP functionality was requested for future CMOP use. When

printing locally from Outpatient Pharmacy this parameter is not used. These fields are accessed through the option Update Patient Record [PSO PAT] and the protocol Patient Record Update [PSO PATIENT RECORD UPDATE]. If the other language preference is indicated for a patient, the user will be prompted to enter OTHER PATIENT INSTRUCTIONS after selecting the PATIENT INSTRUCTIONS field to enter/edit. If a quick code is entered at the OTHER PATIENT INSTRUCTIONS prompt, the expansion entered at the OTHER PATIENT INSTRUCTIONS EXPANSIONS will print on the prescription label.

A default value for Days Supply based on patient status is displayed. A default quantity is calculated when possible. See Chapter 2 in the *User Manual - Supplemental* for more information on this calculation.

```
DAYS SUPPLY:  (1-90): 30// 10
QTY ( CAP ) : 80// <Enter> 80
```

Example: Entering a New Order (continued)

```
COPIES: 1// <Enter> 1
# OF REFILLS:  (0-11): 11// 0
PROVIDER:     OPPROVIDER4,TWO
CLINIC:       OUTPT NURSE GREEN TEAM
MAIL/WINDOW: WINDOW// <Enter>  WINDOW
METHOD OF PICK-UP: <Enter>
REMARKS: <Enter>
ISSUE DATE: TODAY// <Enter>   (MAY 30, 2001)
FILL DATE:  (5/30/2001 - 6/9/2001): TODAY//  <Enter>  (MAY 30, 2001)
Nature of Order: WRITTEN// ??

                              Require      Print      Print on
  Nature of Order Activity  E.Signature  Chart Copy   Summary
  -----------------------   -----------  ----------  --------
  WRITTEN                                                x
  VERBAL                        x            x          x
  TELEPHONED                    x            x          x
  SERVICE CORRECTION
  POLICY                                     x          x
  DUPLICATE
  SERVICE REJECT                x            x

Nature of Order: WRITTEN//  <Enter> W
WAS THE PATIENT COUNSELED: NO// y  YES
WAS COUNSELING UNDERSTOOD: NO// y  YES
```

An option to add a progress note has been added. If "Yes" is entered at this prompt, the progress note entry will begin after the order information has been displayed and confirmed. The order is redisplayed, along with information on any service-connected disabilities on record.

```
Do you want to enter a Progress Note? No// <Enter>

Rx # 503906          05/30/01
OPPATIENT16,ONE                   #80
TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS WITH FOOD

AMPICILLIN 250MG CAP
OPPROVIDER4,TWO            OPPHARMACIST4,THREE
# of Refills: 11

     SC Percent: 40%
   Disabilities: NONE STATED

Was treatment for Service Connected condition? NO
```

To determine if the order should be charged copay, eligible copay exemptions for the order are prompted one at a time. In this example, the user is prompted if the order is being prescribed for any of the service-connected conditions displayed. If any other service connected conditions apply to the patient, questions for each would appear. In this example, the patient is enrolled for Service Connection and Agent Orange exposure. Each applicable copay exemption prompt will appear no matter what is answered previously.

Example: Entering a New Order (continued)

```
Was treatment related to Agent Orange exposure? NO

Is this correct? YES//  <Enter>

Another New Order for OPPATIENT16,ONE? YES//
```

Medications with non-numeric dosages, such as ointments and creams, will display non-numeric possible default dosages. Because the dosage is non-numeric, values for dispense units per dose and quantity cannot be calculated.

```
DRUG:   HYDROCORTISONE 0.5% CREAM        DE200     VISN FORM; 30 GM/TUBE (IEN)
        ...OK? Yes//   (Yes)
Now doing order checks.  Please wait...

Available Dosage(s)
      1. SMALL AMOUNT
      2. MODERATE AMOUNT
      3. LIBERALLY
      4. LARGE AMOUNT

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 2 MODERATE AMOUNT

You entered MODERATE AMOUNT is this correct? Yes// <Enter> YES
ROUTE: TOPICAL// TOPICAL
```

A default quantity cannot be calculated for complex orders containing the conjunction "Except."

Displaying a Patient's Remote Prescriptions

If RDI is active and a patient has prescriptions at another location, when the user selects the patient to enter a new order from Patient Prescription Processing, the following message appears.

```
        REMOTE PRESCRIPTIONS AVAILABLE!
        Display Remote Data? N//
```

If the user responds **NO**, then the normal procedure occurs for entering prescriptions. If the user responds **YES**, the "Remote Facilities Visited" screen appears such as the following example.

```
Remote Facilities Visited     Dec 30, 2008@17:26:47        Page: 1 of 1

Patient: PSOPATIENT,ONE              (000-00-0000)     DOB: 01/02/1967

  Station
  HDR CHEYENNE




        Enter ?? for more actions
```

```
DR  Display Remote Pharmacy Data      DB  Display Both Pharmacy Data
Action:Quit//DR
```

To display the prescriptions at the remote pharmacy location, enter DR at the "Action" prompt. The "Medication Profile – Remote" screen appears such as the following example.

```
Medication Profile - Remote   Dec 30, 2008@17:29:43      Page: 1 of 2

Patient: PSOPATIENT,ONE             (000-00-0000)     DOB: 01/02/1967

  RX#         DRUG                          ST QTY ISSUED   LAST FILLED
HDR CHEYENNE
712885        AMOXICILLIN TRIHYDRATE 250MG CAP   A  90 11/06/08  11/06/08
              SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
              PROVIDER: MCKAY,ELMER
712886        DILTIAZEM (INWOOD) 240MG CAP,SA    A  30 11/28/08  11/28/08
              SIG: TAKE ONE CAPSULE BY MOUTH EVERY DAY
              PROVIDER: MCKAY,ELMER
712888        LABETALOL HCL 200MG TAB            A  60 12/30/08  12/30/08
              SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
              PROVIDER: MCKAY,ELMER
712887        SIMVASTATIN 20MG TAB              A  15 12/09/08  12/09/08
              SIG: TAKE ONE-HALF TABLET BY MOUTH EVERY EVENING TESTING
                  FOR PATTESTING FOR PATIENT TESTING FOR PATTESTING
                  FOR PATIENTENT INTRUCTION ON SIG1 TESTING FOR
                  PATIENT INTRUCTION ON SIG1 TESTING FOR PATIENT
                  REPLACE IENT WITH IENT TESTING FOR PATIENT
+         Enter ?? for more actions

Select Action:Next Screen//
```

Entering a New Order – ePharmacy (Third Party Billable)

For patients who have third party insurance and have the appropriate eligibility requirements, the software will create an ePharmacy order upon finishing of the prescription entry.

After a WINDOW order is entered and finished, the billing data is sent to the Electronic Management Claims Engine (ECME). ECME sends messages back to Outpatient Pharmacy displaying the status of the claim. For MAIL orders, the communication between Outpatient Pharmacy and ECME happens either during the Local Mail Label Print or during the CMOP transmission.

The following example shows the creation of a new WINDOW order starting with the "DRUG:" prompt.

Example: Entering a New Order for ePharmacy Billing

```
DRUG: PREDNISONE
  Lookup: GENERIC NAME
    1   PREDNISONE 1MG TAB          HS051
    2   PREDNISONE 20MG S.T.          HS051
    3   PREDNISONE 5MG TAB          HS051
CHOOSE 1-3: 3  PREDNISONE 5MG TAB        HS051
Now doing order checks.  Please wait...
Previously entered ICD diagnosis codes: <Enter>

Select Primary ICD Code: <Enter>
VERB: TAKE
Available Dosage(s)
     1. 20MG
```

```
       2. 40MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 20MG

You entered 20MG is this correct? Yes//  <Enter> YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// <Enter>  1
Dosage Ordered: 20MG

NOUN: TABLET
ROUTE: PO// <Enter>
     1   PO   ORAL (BY MOUTH)      PO
     2   PO   ORAL       PO
CHOOSE 1-2: 2   ORAL      PO  BY MOUTH
Schedule: TID (THREE TIMES A DAY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES): 10 (DAYS)
CONJUNCTION: <Enter>
PATIENT INSTRUCTIONS: WF
WITH FOOD
  (TAKE ONE TABLET BY BY MOUTH THREE TIMES A DAY FOR 10 DAYS WITH FOOD)
```

Example: Entering a New Order for ePharmacy Billing (continued)

```
DAYS SUPPLY:  (1-90): 30// **<Enter>**
QTY ( TAB ) : 30// **<Enter>** 30
COPIES: 1// **<Enter>** 1
# OF REFILLS:  (0-5): 5// **<Enter>**
PROVIDER:**OPPROVIDER4,TWO**
CLINIC: **<Enter>**
MAIL/WINDOW: WINDOW// **<Enter>** WINDOW
METHOD OF PICK-UP: **<Enter>**
REMARKS: **<Enter>**
ISSUE DATE: TODAY//  **<Enter>** (NOV 02, 2005)
FILL DATE:  (11/2/2005 - 11/3/2006): TODAY// **<Enter>**  (NOV 02, 2005)
Nature of Order: WRITTEN//   **<Enter>**    W
WAS THE PATIENT COUNSELED: NO// **YES**
WAS COUNSELING UNDERSTOOD: NO// **YES**

Do you want to enter a Progress Note? No//  **<Enter>** NO

Rx # 100003840         11/02/05
OPPATIENT,FOUR                      #30
TAKE ONE TABLET BY BY MOUTH THREE TIMES A DAY FOR 10 DAYS WITH FOOD

PREDNISONE 5MG TAB
OPPROVIDER4,TWO           OPPHARMACIST4,THREE
# of Refills: 5


Is this correct? YES// **<Enter>** YES
Veteran Prescription 100003840 successfully submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Gathering claim info
IN PROGRESS-Packet being built
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
E PAYABLE

Another New Order for OPPATIENT,FOUR? YES// **NO**
```

View of RX:

```
Medication Profile         Nov 02, 2005@07:33:29      Page:   1 of   1
OPPATIENT,FOUR
  PID: 000-01-1322P                          Ht(cm): _____ (_____)
  DOB: JAN 13,1922 (83)                      Wt(kg): _____ (     )
  SEX: MALE
```

```
CrCL: <Not Found>                                      BSA (m2): _____
                                                         ISSUE  LAST REF DAY
  #  RX #          DRUG                            QTY ST  DATE  FILL REM SUP

-------------------------------------ACTIVE-----------------------------------
1  100003840e    PREDNISONE 5MG TAB                30 A> 11-02 11-02   5   30
            ↑

    ┌─────────────────┐
    │ Denotes          │
    │ ePharmacy Rx     │
    └─────────────────┘




           Enter ?? for more actions
PU  Patient Record Update            NO  New Order
PI  Patient Information              SO  Select Order
Select Action: Quit//
```

If a new order is rejected due to a Drug Utilization Review (DUR), Reject Resolution Required, or Refill Too Soon, the prescription will be marked as "REJECTED", and the user will have the opportunity to resolve before continuing.

The following example displays a sample ECME transmission rejection, and how to resolve the rejection error.

Example: Handling a Rejected New Order for ePharmacy Billing

```
Veteran Prescription 999999 successfully submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Waiting for packet build
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
E REJECTED
              *** VETERAN - REJECT RECEIVED FROM THIRD PARTY PAYER ***
    ----------------------------------------------------------------------
    Division : ALBANY                      NCPDP: 123456789 NPI#: 39393939
    Patient  : OPPATIENT,FOUR(000-01-1322P)  Sex: M      DOB: JAN 13,1922(83)
    Prescription : 99999999/0 - TESTOSTERONE (ANDROD   ECME#: 000001234567
    Reject Type  : 88 - DUR REJECT received on FEB 27, 2006@10:58:25
    Payer Message: DUR Reject Error
    Reason       : ER (OVERUSE PRECAUTION)
    DUR Text     : ANDRODERM    DIS 5MG/24HR
    Insurance    : EMDEON                       Contact: 800 555-5555
    Group Name   : RXINS                   Group Number: 12454
    Cardholder ID: 000011322P
    ----------------------------------------------------------------------

      Select one of the following:

          O         (O)VERRIDE - RESUBMIT WITH OVERRIDE CODES
          I         (I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION
          Q         (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(O)verride,(I)gnore,(Q)uit: Q// O  OVERRIDE
```

When a claim is rejected, typically the Payer provides a "Reason for Service Code", which displays on the reject as "Reason". The user can use this reason to then select which code is entered for "Professional Service Code" and "Result of Service Code". To see a list of service codes, enter **?** at the specified prompt.

Example: Handling a Rejected New Order for ePharmacy Billing (continued)

```
Reason for Service Code  : ER - OVERUSE
Professional Service Code: RT      RECOMMENDED LABORATORY TEST
Result of Service Code   : 1G      FILLED, WITH PRESCRIBER APPROVAL

    Reason for Service Code  : ER - OVERUSE
    Professional Service Code: RT - RECOMMENDED LABORATORY TEST
    Result of Service Code   : 1G - FILLED, WITH PRESCRIBER APPROVAL

    Confirm? ? YES// <Enter>

Veteran Prescription 99999999 successfully submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Waiting for packet build
IN PROGRESS-Packet being built
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
IN PROGRESS-Waiting to process response
E PAYABLE
```

For Refill Too Soon rejects, the same choices apply.

Example: Handling a Reject Resolution Required rejected New Prescription for ePharmacy Billing

For VETERAN prescriptions, a reject code can be specified in the Reject Resolution Required section of the ePharmacy Site Parameter screen to stop a prescription from being filled. The Reject Resolution Required reject codes will prevent a a prescription from being filled during any claims processing under the following conditions:

- VETERAN eligibility

- The prescription is an original fill

- The prescription is not released

- The reject is on the Reject Resolution Required list for the division

- The total gross amount of the prescription is at or above the specified threshold amount

For VETERAN prescription rejections that have Reject Resolution Required rejects, the user will be able to select from (I)gnore, which bypasses claims processing and allows the prescription to be filled, or (Q)uit which sends it to the Third Party Payer Rejects – Worklist. Prescriptions with these type rejects cannot be filled until the reject is resolved. Example:

Example: Handling a Reject Resolution Required rejected New Order for ePharmacy Billing (continued)

```
Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Building the claim
IN PROGRESS-Building the HL7 packet
IN PROGRESS-Transmitting
IN PROGRESS-Processing response
E REJECTED


            *** VETERAN - REJECT RECEIVED FROM THIRD PARTY PAYER ***
    ----------------------------------------------------------------------
```

```
    Division : ALBANY                    NPI: 123456789      NCPDP: 4150001
    Patient  : OP,FOUR(000-01-1322P)  Sex: M      DOB: JAN 13, 1922(83)
    Rx/Drug  : 99999999/0 – TESTOSTERONE (ANDROD      ECME#: 000001234567
    Reject(s): 76 - Plan Limitations Exceeded Received on JUN 07, 2013@11:26:05

    Payer Message: DAYS SUPPLY IS MORE THAN ALLOWED BY PLAN
    Insurance    : TEST INS                    Contact: 800-555-5555
    Group Name   : RXINS                       Group Number: 12454
    Cardholder ID: 0000011322P

    Reject Resolution Required
    Gross Amount Due ($34.42) is greater than or equal to
    Threshold Dollar Amount ($0)
    Please select Quit to resolve this reject on the Reject Worklist.
    -----------------------------------------------------------------------

       Select one of the following:

          I         (I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION
          Q         (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(I)gnore,(Q)uit: Q//
```

Example: Handling a TRICARE Rejected New Order for ePharmacy Billing

Rejected TRICARE claims will be denoted with "TRICARE" during submission to ECME and
within the subsequent reject notification screen. Also, the reject codes will be displayed in both
places. The following example shows a prescription being submitted to ECME and this process
occurs directly following the "Is this correct? YES//" prompt during finish. Where DUR or RTS
are one of the reject codes, the user will be able to select from (D)iscontinue the prescription,
submit (O)verride codes, or (Q)uit which sends the rejection to the Third Party Payer Rejects -
Worklist. A TRICARE rejection may not be (I)gnored.

```
TRICARE Prescription 101110 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
IN PROGRESS-Processing response
E REJECTED
   79 - Refill Too Soon
   14 - M/I Eligibility Clarification Code


            *** REJECT RECEIVED FOR  TRICARE  PATIENT ***
    -----------------------------------------------------------------------
    Division : ALBANY ISC                       NPI#: 5000000021
    Patient  : OPTRICARE,ONE(666-55-4789)  Sex: M      DOB: OCT 18,1963(44)
    Rx/Drug  : 101110/0 - NAPROXEN 250MG S.T.        ECME#: 000000112303
    Reject(s): REFILL TOO SOON (79), 14 - M/I Eligibility Clarification Code (14).
            Received on MAR 03, 2008@14:40:57.

    Insurance    : TRICARE                    Contact:
    Group Name   : TRICARE PRIME              Group Number: 123123
    Cardholder ID: SI9844532
    -----------------------------------------------------------------------

       Select one of the following:

          O         (O)VERRIDE - RESUBMIT WITH OVERRIDE CODES
          D         (D)iscontinue - DO NOT FILL PRESCRIPTION
          Q         (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(O)verride,(D)iscontinue,(Q)uit: Q//
```

Example: Handling a non-DUR/RTS or non-clinical TRICARE rejected New Order for ePharmacy Billing

For TRICARE prescription rejections that have non-DUR/RTS or non-clinical rejects, the user will be able to select from (D)iscontinue the prescription or (Q)uit which sends it to the Third Party Payer Rejects - Worklist. TRICARE prescriptions with these type rejects cannot be filled until the rejection is resolved. Example:

```
TRICARE Prescription 101113 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Building the claim
IN PROGRESS-Building the HL7 packet
IN PROGRESS-Transmitting
E REJECTED
    07 - M/I Cardholder ID Number
    14 - M/I Eligibility Clarification Code


             *** REJECT RECEIVED FOR TRICARE PATIENT ***
   ----------------------------------------------------------------------
   Division : ALBANY ISC                          NPI#: 5000000021
   Patient  : OPTRICARE,ONE(666-55-4789)  Sex: M      DOB: OCT 18,1963(44)
   Rx/Drug  : 101113/0 - SIMETHICONE 40MG TAB       ECME#: 000000112306
   Reject(s): M/I Eligibility Clarification Code (14), M/I Cardholder ID
             Number (07).  Received on MAR 03, 2008@14:43:42.

   Insurance   : TRICARE                      Contact:
   Group Name  : TRICARE PRIME            Group Number: 123123
   Cardholder ID: SI9844532
   ----------------------------------------------------------------------

     Select one of the following:

           D          (D)iscontinue - DO NOT FILL PRESCRIPTION
           Q          (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(D)iscontinue,(Q)uit: Q//
```

For non-billable TRICARE prescriptions, an abbreviated version of the reject notification screen will be displayed. Because the prescription is non-billable, the insurance and ECME information that's currently provided for DUR/RTS rejects will not be displayed (i.e. insurance, group name, group #, ECME #, contact, cardholder ID). In this case, the prescription must be discontinued.

```
Is this correct? YES// ...

                   *** TRICARE - NON-BILLABLE ***
   ----------------------------------------------------------------------
   Division : ALBANY ISC                          NPI#:
   Patient  : OPTRICARE,ONE(666-55-4789)  Sex: M      DOB: OCT 18,1963(44)
   Rx/Drug  : 102058/0 - ABSORBABLE GELATIN S
   Date/Time: AUG 27, 2008@16:49:46
   Reason   : Drug not billable.
   ----------------------------------------------------------------------

This is a non-billable TRICARE prescription.  It cannot be filled or sent
to the reject worklist.  It must be discontinued.

Press <RETURN> to continue...
Nature of Order: SERVICE CORRECTION//        S

Requesting PROVIDER: OPHARM  OPPHARM,ONE       OO
```

Labels will not print for discontinued TRICARE prescriptions, and reprint label will not be allowed for TRICARE rejected prescriptions.

```
Select Rx (Prescriptions) Option: REPrint an Outpatient Rx Label



Reprint Prescription Label: 101113     SIMETHICONE 40MG TAB
Number of Copies? :  (1-99): 1//
Print adhesive portion of label only? ? No//   NO
Do you want to resend to Dispensing System Device? No//   NO
Comments: REPRINT

Rx # 101113            03/03/08
OPTRICARE,ONE                  #180

ONE MOUTH TWICE A DAY

SIMETHICONE 40MG TAB
OPPHARM,ONE              OPPHARM,ONE
# of Refills: 3

Select LABEL DEVICE: NULL  Bit Bucket



No Label(s) printed.


Reprint Prescription Label:
```

Suspended TRICARE prescriptions will remain on suspense when a reject occurs, when the prescription is non-billable, or when the third party claim remains in an 'IN PROGRESS' status in ECME. Labels will not print. Once the reject is resolved, the user may pull the prescription early from suspense or wait for the next scheduled Print from Suspense option runs at which time labels will print accordingly. This includes CMOP and local suspense.

```
TRICARE Prescription 101607 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
IN PROGRESS-Parsing response


             *** TRICARE - 'IN PROGRESS' ECME status ***
  ----------------------------------------------------------------------
  Division : ALBANY ISC                     NPI#: 5000000021
  Patient  : OPTRICARE,ONE(666-55-4789)  Sex: M       DOB: OCT 18,1963(44)
  Rx/Drug  : 101607/0 - ACETAZOLAMIDE 250MG
  Date/Time: APR 20, 2008@20:11:17
  Reason   : ECME Status is in an 'IN PROGRESS' state and cannot be filled
  ----------------------------------------------------------------------

This prescription will be suspended.  After the third party claim is resolved,
it may be printed or pulled early from suspense.


Press <RETURN> to continue...
```

A rejected TRICARE prescription may not have a partial fill ordered until the reject is resolved.

```
OP Medications (SUSPENDED)    Apr 18, 2008@19:10:16      Page:   1 of   2
OPTRICARE,ONE
  PID: 666-55-4789                          Ht(cm): _____ (_____)
  DOB: OCT 18,1963 (44)                     Wt(kg):         (      )

               Rx #: 101526e
 (1) *Orderable Item: ACETAZOLAMIDE PILL
 (2)          Drug: ACETAZOLAMIDE 500MG SEQUELS
              Verb: TAKE
 (3)       *Dosage: 1 PILL
            *Route: ORAL
         *Schedule: BID
 (4)Pat Instructions:
              SIG: TAKE 1 PILL BY MOUTH TWICE A DAY
 (5)  Patient Status: OTHER FEDERAL
 (6)     Issue Date: 04/18/08          (7)  Fill Date: 04/19/08
     Last Fill Date: 04/19/08 (Window)
  Last Release Date:                   (8)     Lot #:
          Expires: 04/19/09                    MFG:
+
DC   Discontinue          PR   Partial         RL   Release
ED   Edit                 RF   (Refill)        RN   Renew
Select Action: Next Screen// p    Partial


OP Medications (SUSPENDED)    Apr 18, 2008@19:10:16      Page:   1 of   2
OPTRICARE,ONE
  PID: 666-55-4789                          Ht(cm): _____ (_____)
  DOB: OCT 18,1963 (44)                     Wt(kg): _____ (_____)

               Rx #: 101526e
 (1) *Orderable Item: ACETAZOLAMIDE PILL
 (2)          Drug: ACETAZOLAMIDE 500MG SEQUELS
              Verb: TAKE
 (3)       *Dosage: 1 PILL
            *Route: ORAL
         *Schedule: BID
 (4)Pat Instructions:
              SIG: TAKE 1 PILL BY MOUTH TWICE A DAY
 (5)  Patient Status: OTHER FEDERAL
 (6)     Issue Date: 04/18/08          (7)  Fill Date: 04/19/08
     Last Fill Date: 04/19/08 (Window)
  Last Release Date:                   (8)     Lot #:
          Expires: 04/19/09                    MFG:
+         Partial cannot be filled on TRICARE non-payable Rx
DC   Discontinue          PR   Partial         RL   Release
ED   Edit                 RF   (Refill)        RN   Renew
Select Action: Next Screen//
```

If ECME's status on the claim remains in an "In Progress" state past the processing timeout during finish of the prescription, TRICARE prescriptions will not be allowed to be filled. Instead it will be placed on suspense until the rejection is resolved. Below is an example of this screen:

```
TRICARE Prescription 101607 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
IN PROGRESS-Parsing response


          *** TRICARE - 'IN PROGRESS' ECME status ***
   ----------------------------------------------------------------------
   Division : ALBANY ISC                      NPI#: 5000000021
   Patient  : OPTRICARE,ONE(666-55-4789)  Sex: M       DOB: OCT 18,1963(44)
```

```
   Rx/Drug  : 101607/0 - ACETAZOLAMIDE 250MG
   Date/Time: APR 20, 2008@20:11:17
   Reason   : ECME Status is in an 'IN PROGRESS' state and cannot be filled
   ---------------------------------------------------------------------

This prescription will be suspended.  After the third party claim is resolved,
it may be printed or pulled early from suspense.


Press <RETURN> to continue...
```

If a pharmacy is active for ePharmacy processing but an insurance plan is not linked or not active, TRICARE prescription will be allowed to be filled without third party claim submission. The phrase "Inactive ECME TRICARE" will be displayed during Finish and an ECME log entry will be added stating such.

Example of message during finish:

```
Do you want to enter a Progress Note? No//   NO

Rx # 102046            08/27/08
OPTRICARE,TEST                    #180
ONE MOUTH TWICE A DAY

DANTROLENE 25MG CAP
OPPROVIDER,ONE             OPPHAR,ONE
# of Refills: 3


Is this correct? YES// ...
 -Rx 101921 has been discontinued...




Inactive ECME TRICARE
```

Example of ECME Activity Log entry:

```
ECME Log:
#   Date/Time         Rx Ref          Initiator Of Activity
================================================================================
1   8/27/08@11:07:45   ORIGINAL        OPPHARM,ONE
Comments: TRICARE-Inactive ECME TRICARE
```

Example: Handling a CHAMPVA Rejected New Order for ePharmacy Billing

Rejected CHAMPVA claims will be denoted with "CHAMPVA" during submission to ECME and within the subsequent reject notification screen. Also, the reject codes will be displayed in both places. The following example shows a prescription being submitted to ECME and this process occurs directly following the "Is this correct? YES//" prompt during finish. Where DUR or RTS are one of the reject codes, the user will be able to select from (D)iscontinue the prescription, submit (O)verride codes, or (Q)uit which sends the rejection to the Third Party Payer Rejects - Worklist. A CHAMPVA rejection may not be (I)gnored.

```
CHAMPVA Prescription 101110 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
```

```
IN PROGRESS-Processing response
E REJECTED
   79 - Refill Too Soon
   14 - M/I Eligibility Clarification Code


             *** REJECT RECEIVED FOR  CHAMPVA  PATIENT ***
    ----------------------------------------------------------------------
    Division : ALBANY ISC              NPI#: 5000000021   NCPDP:1234567
    Patient  : OPCHAMPVA,ONE(666-55-4789)  Sex: M      DOB: OCT 18,1963(44)
    Rx/Drug  : 101110/0 - NAPROXEN 250MG S.T.       ECME#: 000000112303
    Reject(s): REFILL TOO SOON (79), 14 - M/I Eligibility Clarification Code (14).
              Received on MAR 03, 2008@14:40:57.

    Insurance   : CHAMPVA                    Contact:
    Group Name  : CHAMPVA PRIME            Group Number: 123123
    Cardholder ID: SI9844532
    ----------------------------------------------------------------------

      Select one of the following:

          O          (O)VERRIDE - RESUBMIT WITH OVERRIDE CODES
          D          (D)iscontinue - DO NOT FILL PRESCRIPTION
          Q          (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(O)verride,(D)iscontinue,(Q)uit: Q//
```

Example: Handling a non-DUR/RTS or non-clinical CHAMPVA rejected New Order for ePharmacy Billing

For CHAMPVA prescription rejections that have non-DUR/RTS or non-clinical rejects, the user will be able to select from (D)iscontinue the prescription or (Q)uit which sends it to the Third Party Payer Rejects - Worklist. CHAMPVA prescriptions with these type rejects cannot be filled until the rejection is resolved. Example:

```
CHAMPVA Prescription 101113 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Building the claim
IN PROGRESS-Building the HL7 packet
IN PROGRESS-Transmitting
E REJECTED
   07 - M/I Cardholder ID Number
   14 - M/I Eligibility Clarification Code


             *** REJECT RECEIVED FOR CHAMPVA PATIENT ***
    ----------------------------------------------------------------------
    Division : ALBANY ISC                     NPI#: 5000000021
    Patient  : OPCHAMPVA,ONE(666-55-4789)  Sex: M      DOB: OCT 18,1963(44)
    Rx/Drug  : 101113/0 - SIMETHICONE 40MG TAB       ECME#: 000000112306
    Reject(s): M/I Eligibility Clarification Code (14), M/I Cardholder ID
              Number (07).  Received on MAR 03, 2008@14:43:42.
```

```
   Insurance   : CHAMPVA                           Contact:
   Group Name  : CHAMPVA PRIME              Group Number: 123123
   Cardholder ID: SI9844532
   ------------------------------------------------------------------------

      Select one of the following:

              D          (D)iscontinue - DO NOT FILL PRESCRIPTION
              Q          (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(D)iscontinue,(Q)uit: Q//
```

For non-billable CHAMPVA prescriptions, an abbreviated version of the reject notification
screen will be displayed. Because the prescription is non-billable, the insurance and ECME
information that's currently provided for DUR/RTS rejects will not be displayed (i.e. insurance,
group name, group #, ECME #, contact, cardholder ID). In this case, the prescription must be
discontinued.

```
Is this correct? YES// ...




                    *** CHAMPVA - NON-BILLABLE ***
   ------------------------------------------------------------------------
   Division : ALBANY ISC                            NPI#:
   Patient  : OPCHAMPVA,ONE(666-55-4789)  Sex: M         DOB: OCT 18,1963(44)
   Rx/Drug  : 102058/0 - ABSORBABLE GELATIN S
   Date/Time: AUG 27, 2008@16:49:46
   Reason   : Drug not billable.
   ------------------------------------------------------------------------

This is a non-billable CHAMPVA prescription.  It cannot be filled or sent
to the reject worklist.  It must be discontinued.

Press <RETURN> to continue...
Nature of Order: SERVICE CORRECTION//        S

Requesting PROVIDER: OPHARM  OPPHARM,ONE        OO
```

Labels will not print for discontinued CHAMPVA prescriptions, and reprint label will not be
allowed for CHAMPVA rejected prescriptions.

```
Select Rx (Prescriptions) Option: REPrint an Outpatient Rx Label



Reprint Prescription Label: 101113      SIMETHICONE 40MG TAB
Number of Copies? :  (1-99): 1//
Print adhesive portion of label only? ? No//   NO
Do you want to resend to Dispensing System Device? No//   NO
Comments: REPRINT

Rx # 101113            03/03/08
OPCHAMPVA,ONE                 #180

ONE MOUTH TWICE A DAY

SIMETHICONE 40MG TAB
OPPHARM,ONE                  OPPHARM,ONE
# of Refills: 3

Select LABEL DEVICE: NULL  Bit Bucket
```

```
No Label(s) printed.


Reprint Prescription Label:
```

Suspended CHAMPVA prescriptions will remain on suspense when a reject occurs, when the prescription is non-billable, or when the third party claim remains in an 'IN PROGRESS' status in ECME. Labels will not print. Once the reject is resolved, the user may pull the prescription early from suspense or wait for the next scheduled Print from Suspense option runs at which time labels will print accordingly. This includes CMOP and local suspense.

```
CHAMPVA Prescription 101607 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
IN PROGRESS-Parsing response


                *** CHAMPVA - 'IN PROGRESS' ECME status ***
   ----------------------------------------------------------------------
   Division : ALBANY ISC                           NPI#: 5000000021
   Patient  : OPCHAMPVA,ONE(666-55-4789)  Sex: M        DOB: OCT 18,1963(44)
   Rx/Drug  : 101607/0 - ACETAZOLAMIDE 250MG
   Date/Time: APR 20, 2008@20:11:17
   Reason   : ECME Status is in an 'IN PROGRESS' state and cannot be filled
   ----------------------------------------------------------------------

This prescription will be suspended.  After the third party claim is resolved,
it may be printed or pulled early from suspense.


Press <RETURN> to continue...
```

A rejected CHAMPVA prescription may not have a partial fill ordered until the reject is resolved.

```
OP Medications (SUSPENDED)    Apr 18, 2008@19:10:16        Page:   1 of    2
OPCHAMPVA,ONE
  PID: 666-55-4789                          Ht(cm):          (       )
  DOB: OCT 18,1963 (44)                     Wt(kg): _____  (_____)

               Rx #: 101526e
 (1) *Orderable Item: ACETAZOLAMIDE PILL
 (2)           Drug: ACETAZOLAMIDE 500MG SEQUELS
             Verb: TAKE
 (3)        *Dosage: 1 PILL
            *Route: ORAL
        *Schedule: BID
 (4)Pat Instructions:
              SIG: TAKE 1 PILL BY MOUTH TWICE A DAY
 (5)  Patient Status: OTHER FEDERAL
 (6)      Issue Date: 04/18/08            (7)  Fill Date: 04/19/08
     Last Fill Date: 04/19/08 (Window)
  Last Release Date:                      (8)      Lot #:
         Expires: 04/19/09                          MFG:
+
DC   Discontinue       PR   Partial           RL   Release
ED   Edit              RF   (Refill)          RN   Renew
Select Action: Next Screen// p   Partial


OP Medications (SUSPENDED)    Apr 18, 2008@19:10:16        Page:   1 of    2
OPCHAMPVA,ONE
```

```
   PID: 666-55-4789                                 Ht(cm): _____ (_____)
   DOB: OCT 18,1963 (44)                            Wt(kg): _____  (      )

                 Rx #: 101526e
 (1) *Orderable Item: ACETAZOLAMIDE PILL
 (2)           Drug: ACETAZOLAMIDE 500MG SEQUELS
               Verb: TAKE
 (3)        *Dosage: 1 PILL
             *Route: ORAL
          *Schedule: BID
 (4)Pat Instructions:
                 SIG: TAKE 1 PILL BY MOUTH TWICE A DAY
 (5)   Patient Status: OTHER FEDERAL
 (6)      Issue Date: 04/18/08          (7)  Fill Date: 04/19/08
     Last Fill Date: 04/19/08 (Window)
   Last Release Date:                   (8)      Lot #:
          Expires: 04/19/09                       MFG:
+         Partial cannot be filled on CHAMPVA non-payable Rx
DC   Discontinue         PR   Partial          RL   Release
ED   Edit                RF   (Refill)         RN   Renew
Select Action: Next Screen//
```

If ECME's status on the claim remains in an "In Progress" state past the processing timeout during finish of the prescription, a CHAMPVA prescription will not be allowed to be filled. Instead it will be placed on suspense until the rejection is resolved. Below is an example of this screen:

```
CHAMPVA Prescription 101607 submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
IN PROGRESS-Parsing response



             *** CHAMPVA - 'IN PROGRESS' ECME status ***
   ----------------------------------------------------------------------
   Division : ALBANY ISC                          NPI#: 5000000021
   Patient  : OPCHAMPVA,ONE(666-55-4789)  Sex: M     DOB: OCT 18,1963(44)
   Rx/Drug  : 101607/0 - ACETAZOLAMIDE 250MG
   Date/Time: APR 20, 2008@20:11:17
   Reason   : ECME Status is in an 'IN PROGRESS' state and cannot be filled
   ----------------------------------------------------------------------

This prescription will be suspended.  After the third party claim is resolved,
it may be printed or pulled early from suspense.


Press <RETURN> to continue...
```

If a pharmacy is active for ePharmacy processing but an insurance plan is not linked or not active, the CHAMPVA prescription will be allowed to be filled without third party claim submission. The phrase "Inactive ECME CHAMPVA" will be displayed during Finish and an ECME log entry will be added stating such.

Example of message during finish:

```
Do you want to enter a Progress Note? No//   NO

Rx # 102046          08/27/08
OPCHAMPVA,TEST                   #180
ONE MOUTH TWICE A DAY

DANTROLENE 25MG CAP
OPPROVIDER,ONE              OPPHAR,ONE
```

```
# of Refills: 3


Is this correct? YES// ...
 -Rx 101921 has been discontinued...




Inactive ECME CHAMPVA
```

Example of ECME Activity Log entry:

```
ECME Log:
#   Date/Time            Rx Ref          Initiator Of Activity
=============================================================================
1   8/27/08@11:07:45     ORIGINAL        OPPHARM,ONE
Comments: CHAMPVA -Inactive ECME CHAMPVA
```

NDC Validation

The initial validation of the NDC can be performed by a pharmacy technician. This functionality only applies to local fills that are not sent to OPAI. This function provides a pharmacy technician the ability to manually enter or scan the bar code of the existing prescription label and then manually enter or scan the NDC of the stock bottle used to fill the prescription. When the system matches the NDC, confirmation is provided to the pharmacy tech and allows the technician to continue processing. However, if the system detects a mismatch and the NDC of the stock bottle has an associated entry in the synonym file, the NDC will be updated in Prescription file (#52) for the fill. The system will then prompt the technician to press enter to continue, a new label will be printed, the original electronic claim reversed, and a new claim submission will be transmitted with the new NDC. In the event that the revised NDC prompts a RTS/DUR rejection or a Reject Resolution Required rejection, the system will immediately send the item to the Reject Worklist.

In a case where the NDC entered is not defined for the drug, the system prompts the technician that a mismatch has occurred and the prescription needs to be validated by a pharmacist. The system notes that the NDC had not been validated and allows the pharmacy tech to move to the next prescription. In the event of a change of NDC prompting a rejection, the system immediately sends the item to the Reject Worklist.

The releasing pharmacist will receive a notation that NDC has been validated by the technician when processing. If the NDC change has prompted a claim reversal and produced a RTS/DUR rejection or a Reject Resolution Required rejection, the pharmacist will be presented with a Reject Processing screen at release.

Example: Matched NDC:

```
Select ePharmacy Menu Option: NV  NDC Validation

WAND BARCODE or enter Rx#: 2054787B

Rx: 2054787B        Fill: 0            Patient: OPPATIENT,TWO
Drug: AMOXICILLIN 250MG CAP            NDC: 00003-0101-60

** This NDC has not been validated.
```

```
PRODUCT NDC: 00003-0101-60// 00003-0101-60

NDC match confirmed.


WAND BARCODE or enter Rx#:
```

Example: Changed NDC or Modified NDC:

```
Select ePharmacy Menu Option:  NDC Validation

WAND BARCODE or enter Rx#:

Rx: 102009        Fill: 0           Patient: OPPATIENT,ONE
Drug: BIPERIDEN 2MG TAB             NDC: 00044-0120-04

** This NDC has not been validated.


PRODUCT NDC: 00044-0120-04// 00044-0120-05 00044-0120-05


Veteran Prescription 102009 successfully submitted to ECME for claim generation.

Claim Status:
Reversing and Rebilling a previously submitted claim...
IN PROGRESS-Waiting to start
IN PROGRESS-Building the transaction
IN PROGRESS-Building the claim
IN PROGRESS-Transmitting
E REVERSAL ACCEPTED
IN PROGRESS-Building the claim
IN PROGRESS-Building the HL7 packet
IN PROGRESS-Transmitting
E PAYABLE


NDC match confirmed.


WAND BARCODE or enter Rx#:
```

Using the Copy Action

If a double question mark (??) is entered at the "Select Action" prompt, the hidden actions on the following page will display in the action area.

```
The following actions are also available:
AL    Activity Logs (OP)    REJ  View REJECT          DN   Down a Line
VF    Verify (OP)           VER  View ePharmacy Rx     FS   First Screen
CO    Copy (OP)             RES  Resubmit Claim        GO   Go to Page
TR    Convert Titration Rx  REV  Reverse Claim         LS   Last Screen
TM    Titration Mark/Unmark IN   Intervention Menu     PS   Print Screen
RP    Reprint (OP)          DA   Display Drug AllergiesPT  Print List
HD    Hold (OP)             DIN  Drug Restr/Guide (OP) QU   Quit
UH    Unhold (OP)           +    Next Screen           RD   Re Display Screen
PI    Patient Information   -    Previous Screen       SL   Search List
PP    Pull Rx (OP)          <    Shift View to Left    UP   Up a Line
IP    Inpat. Profile (OP)   >    Shift View to Right
OTH   Other OP Actions      ADPL Auto Display(On/Off)
```

Use the Copy action to make a duplicate order. Any field of the newly created order can be edited. The original order will remain active, but the duplicate order check will be processed before the new order can be accepted.

Example: Using the Copy Action

```
Medication Profile            Jun 12, 2001 14:39:11          Page:    1 of    1
OPPATIENT16,ONE
  PID: 000-24-6802                          Ht(cm): 177.80 (02/08/1999)
  DOB: APR 3,1941 (60)                      Wt(kg): 90.45 (02/08/1999)
                                                  ISSUE  LAST REF DAY
  #  RX #         DRUG                        QTY ST  DATE  FILL REM SUP

-----------------------------------ACTIVE-----------------------------------
 1 503904$      AMPICILLIN 250MG CAP            80 E  05-25 05-25   0  10
 2 503886$      DIGOXIN (LANOXIN) 0.2MG CAP     60 A> 05-07 05-07   5  30
 3 503916       NADOLOL 40MG TAB                60 A> 06-12 06-12  11  30
--------------------------------DISCONTINUED--------------------------------
 4 503902       ACETAMINOPHEN 500MG TAB         60 DC>05-22 05-22   3  30




          Enter ?? for more actions
PU  Patient Record Update              NO  New Order
PI  Patient Information                SO  Select Order
Select Action: Quit// SO   Select Order
Select Orders by number:  (1-4):3
```

The Order Number can be entered at the "Select Action" prompt instead of "SO".

Once an order is selected, the Copy action can be used.

```
OP Medications (ACTIVE)       Jun 12, 2001 14:42:17          Page:    1 of    2
OPPATIENT16,ONE
  PID: 000-24-6802                          Ht(cm): 177.80 (02/08/1999)
  DOB: APR 3,1941 (60)                      Wt(kg): 90.45 (02/08/1999)

              Rx #: 503916
 (1) *Orderable Item: NADOLOL TAB ***(N/F)***
 (2)       CMOP Drug: NADOLOL 40MG TAB ***(N/F)***
               NDC: 00056-0176-75
 (3)         *Dosage: 40 (MG)
              Verb: TAKE
     Dispense Units: 1
              Noun: TABLET
            *Route: ORAL
         *Schedule: BID
 (4)Pat Instructions:
               SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
 (5)  Patient Status: SERVICE CONNECTED
 (6)      Issue Date: 06/12/01           (7)  Fill Date: 06/12/01
     Last Fill Date: 06/12/01 (Window)
+        Enter ?? for more actions
DC  Discontinue          PR   Partial          RL   Release
ED  Edit                 RF   Refill           RN   Renew
Select Action: Next Screen// CO   COPY
```

After "CO" is entered, the heading on the screen changes to "New OP Order (COPY)" and the available actions are limited to "Accept" or "Edit".

(New Order (Copy) screen displays merged to save space)

Example: Using the Copy Action (continued)

```
New OP Order (COPY)           Jun 12, 2001 14:47:53          Page:    1 of    2
OPPATIENT16,ONE
  PID: 000-24-6802                          Ht(cm): 177.80 (02/08/1999)
```

```
   DOB: APR 3,1941 (60)                            Wt(kg): 90.45 (02/08/1999)


       Orderable Item: NADOLOL TAB ***(N/F)***
  (1)       CMOP Drug: NADOLOL 40MG TAB ***(N/F)***
  (2) Patient Status: SERVICE CONNECTED
  (3)      Issue Date: JUN 12,2001          (4) Fill Date: JUN 12,2001
  (5) Dosage Ordered: 40 (MG)
                Verb: TAKE
      Dispense Units: 1
                Noun: TABLET
               Route: ORAL
            Schedule: BID
  (6)Pat Instruction:
                 SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
  (7)    Days Supply: 30                    (8)    QTY (TAB): 60
  (9)   # of Refills: 11                    (10)   Routing: WINDOW
 (11)         Clinic: OUTPT NURSE BLUE TEAM
 (12)       Provider: OPPROVIDER4,TWO       (13)   Copies: 1
 (14)        Remarks: New Order Created by copying Rx # 503916.
   Entry By: OPPROVIDER4,TWO                  Entry Date: JUN 12,2001 14:47:53


+        Enter ?? for more actions
AC   Accept                              ED   Edit
Select Action: Next Screen// AC   Accept
--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                Rx #: 503916
                Drug: NADOLOL 40MG TAB
                 SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
                 QTY: 60            Refills remaining: 11
            Provider: OPPROVIDER4,TWO          Issued: 06/12/01
              Status: Active       Last filled on: 06/12/01
     Processing Status: Released locally on 06/12/01@11:34:13   (Mail)
                                          Days Supply: 30
 --------------------------------------------------------------------------------

Discontinue Rx # 503916 NADOLOL 40MG TAB Y/N? YES

Rx # 503916 NADOLOL 40MG TAB will be discontinued after the acceptance of the new order.

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

Now doing order checks.  Please wait...

Nature of Order: WRITTEN// ??
                          Require        Print      Print on
  Nature of Order Activity  E.Signature  Chart Copy  Summary
  -----------------------   -----------  ----------  --------
  WRITTEN                                                x
  VERBAL                         x           x          x
  TELEPHONED                     x           x          x
  SERVICE CORRECTION
  POLICY                                     x          x
  DUPLICATE
  SERVICE REJECT                 x           x

Nature of Order: WRITTEN//  <Enter>    W
WAS THE PATIENT COUNSELED: NO// <Enter>NO

Do you want to enter a Progress Note? No// <Enter> NO

Rx # 503919          06/12/01
OPPATIENT16,ONE             #60
TAKE ONE TABLET BY MOUTH TWICE A DAY
```

```
NADOLOL 40MG TAB
OPPROVIDER4,TWO          OPPHARMACIST4,THREE
# of Refills: 11


Is this correct? YES// <Enter>...
 -Duplicate Drug Rx #503916 NADOLOL 40MG TAB has been discontinued...


      SC Percent: 20%
    Disabilities:
KNEE CONDITION                                  10% - SERVICE CONNECTED
TRAUMATIC ARTHRITIS                             10% - SERVICE CONNECTED
TRAUMATIC ARTHRITIS                              0% - SERVICE CONNECTED
SEPTUM, NASAL, DEVIATION OF                      0% - SERVICE CONNECTED
RESIDUALS OF FOOT INJURY                         0% - SERVICE CONNECTED

Was treatment for Service Connected condition? NO
```

The Medication Profile screen is redisplayed at this point. Note that the orders tagged for patient copay charges have a dollar sign ($) after the RX #.

```
Medication Profile          Jun 12, 2001 15:03:10        Page:    1 of    1
OPPATIENT16,ONE
  PID: 000-24-6802                        Ht(cm): 177.80 (02/08/1999)
  DOB: APR 3,1941 (60)                    Wt(kg): 90.45 (02/08/1999)
                                                ISSUE  LAST REF DAY
 #  RX #         DRUG                     QTY ST  DATE  FILL REM SUP

---------------------------------ACTIVE------------------------------------
 1 503904$      AMPICILLIN 250MG CAP          80 E  05-25 05-25   0  10
 2 503886$      DIGOXIN (LANOXIN) 0.2MG CAP   60 A> 05-07 05-07   5  30
 3 503919$      NADOLOL 40MG TAB              60 A> 06-12 06-12  11  30
---------------------------------DISCONTINUED------------------------------
 4 503902       ACETAMINOPHEN 500MG TAB       60 DC>05-22 05-22   3  30


        Enter ?? for more actions
PU  Patient Record Update            NO  New Order
PI  Patient Information              SO  Select Order
Select Action: Quit//
```

Copying an ePharmacy Order

When copying an ePharmacy order, upon acceptance of the copied order the original prescription will be discontinued and a new order created. If the latest fill of the original order has not been released and is E Payable, the claim for that fill will be reversed. A new claim is submitted for the new prescription.

```
Patient Information          Nov 04, 2005@09:19:26       Page:    1 of    1
OPPATIENT,FOUR                                                       <A>
  PID: 000-01-1322P                       Ht(cm):          (      )
  DOB: JAN 13,1922 (83)                   Wt(kg):          (      )
  SEX: MALE


Eligibility: NSC, VA PENSION


Disabilities:


123123  A
BIRMINGHAM                              PHONE: (205)4444444
ALABAMA  35235
Prescription Mail Delivery: Regular Mail



Allergies:
```

```
Adverse Reactions:

         Enter ?? for more actions
EA  Enter/Edit Allergy/ADR Data       PU  Patient Record Update
DD  Detailed Allergy/ADR List         EX  Exit Patient List
Select Action: Quit// <Enter>  QUIT
Medication Profile            Nov 04, 2005@09:23:47       Page:   1 of    1
OPPATIENT,FOUR                                               <A>
  PID: 000-01-1322P                           Ht(cm): _____ (_____)
  DOB: JAN 13,1922 (83)                       Wt(kg): _____  (      )
  SEX: MALE
 CrCL: <Not Found>                         BSA (m2): _____
                                              ISSUE  LAST REF DAY
  #  RX #          DRUG                    QTY ST  DATE  FILL REM SUP

------------------------------------ACTIVE------------------------------------
 1 100003852e   PREDNISONE 5MG TAB             30 A> 11-04 11-04   5  30




PU  Patient Record Update               NO  New Order
PI  Patient Information                  SO  Select Order
Select Action: Quit// 1

Medication Profile            Nov 04, 2005@09:24:04       Page:   1 of    1
OPPATIENT,FOUR                                               <A>
  PID: 000-01-1322P                           Ht(cm): _____ (_____)
  DOB: JAN 13,1922 (83)                       Wt(kg): _____ (_____)
  SEX: MALE
                                              ISSUE  LAST REF DAY
  #  RX #          DRUG                    QTY ST  DATE  FILL REM SUP
------------------------------------ACTIVE------------------------------------
 OP Medications (ACTIVE)       Nov 04, 2005@09:24:17       Page:   1 of    3
OPPATIENT,FOUR                                               <A>
  PID: 000-01-1322P                           Ht(cm): _____ (_____)
  DOB: JAN 13,1922 (83)                       Wt(kg): _____  (      )

              Rx #: 100003852e
 (1) *Orderable Item: PREDNISONE TAB
 (2)      CMOP Drug: PREDNISONE 5MG TAB
               NDC: 00056-0176-75
 (3)        *Dosage: 20 (MG)
               Verb: TAKE
      Dispense Units: 1
               Noun: TABLET
            *Route: ORAL
          *Schedule: QID
          *Duration: 30 (DAYS)
 (4)Pat Instructions: WITH FOOD AVOIDING DAIRY FOODS
               SIG: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY FOR 30 DAYS
                    WITH FOOD AVOIDING DAIRY FOODS
 (5)  Patient Status: OPT NSC

         Enter ?? for more actions
DC  Discontinue         PR  Partial           RL  Release
ED  Edit                RF  Refill            RN  Renew
Select Action: Next Screen// CO   CO
```

Once "Copy" is entered, the heading on the screen changes to "New OP Order (COPY)" and the available actions are limited to "Edit" or "Accept."

```
New OP Order (COPY)           Nov 04, 2005@09:24:17       Page:   1 of    2
OPPATIENT,FOUR                                               <A>
  PID: 000-01-1322P                           Ht(cm): _____ (_____)
  DOB: JAN 13,1922 (83)                       Wt(kg): _____ (_____)
```

```
        Orderable Item: PREDNISONE TAB
   (1)        CMOP Drug: PREDNISONE 5MG TAB
   (2) Patient Status: OPT NSC
   (3)     Issue Date: NOV 4,2005          (4) Fill Date: NOV 4,2005
   (5) Dosage Ordered: 20 (MG)
                   Verb: TAKE
        Dispense Units: 1
                   Noun: TABLET
                  Route: ORAL
               Schedule: QID
              *Duration: 30 (DAYS)
   (6)Pat Instruction: WITH FOOD AVOIDING DAIRY FOODS
                    SIG: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY FOR 30
                         DAYS WITH FOOD AVOIDING DAIRY FOODS
+          Enter ?? for more actions
AC   Accept                               ED   Edit
Select Action: Next Screen// AC    Accept
```

Example: Copying an ePharmacy Order (continued)

```
--------------------------------------------------------------------------------
Duplicate Drug in Local Rx:

                  Rx #: 100003852
                   Drug: PREDNISONE 5MG TAB
                    SIG: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY FOR 30
                         DAYS WITH FOOD AVOIDING DAIRY FOODS
                   QTY: 30                   Refills remaining: 5
               Provider: OPPROVIDER4,TWO           Issued: 11/04/05
                 Status: Active               Last filled on: 11/04/05
      Processing Status: Released locally on 11/04/05@11:34:13  (Mail)
                                              Days Supply: 30
 --------------------------------------------------------------------------------

Discontinue Rx # 100003852 PREDNISONE 5MG TAB Y/N? YES

Rx # 100003852 PREDNISONE 5MG TAB will be discontinued after the acceptance of the new order.

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

Nature of Order: WRITTEN//   <Enter>     W
WAS THE PATIENT COUNSELED: NO// YES
WAS COUNSELING UNDERSTOOD: NO// YES

Do you want to enter a Progress Note? No//  <Enter> NO

Rx # 100003853         11/04/05
OPPATIENT,FOUR                       #30
TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY FOR 30 DAYS WITH FOOD
AVOIDING DAIRY FOODS

PREDNISONE 5MG TAB
OPPROVIDER4,TWO            OPPHARMACIST4,THREE
# of Refills: 5


Is this correct? YES// YES...
Reversing prescription 100003852.

Claim Status:
Reversing and Rebilling a previously submitted claim...
Reversing...
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
```

```
IN PROGRESS-Waiting to process response
E REVERSAL ACCEPTED

-Duplicate Drug Rx #100003852 PREDNISONE 5MG TAB has been discontinued...

Veteran Prescription 100003853 successfully submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Waiting for packet build
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
E PAYABLE
```

View of RX:

```
Medication Profile           Nov 04, 2005@09:25:14       Page:   1 of   1
OPPATIENT,FOUR
  PID: 000-01-1322P                          Ht(cm): _____  (_____)
  DOB: JAN 13,1922 (83)                      Wt(kg): _____  (_____)
  SEX: MALE
 CrCL: <Not Found>                          BSA (m2): _____
                                                  ISSUE  LAST REF DAY
 #  RX #         DRUG                        QTY ST  DATE  FILL REM SUP

------------------------------------ACTIVE-----------------------------------
 1 100003853e   PREDNISONE 5MG TAB               30 A> 11-04 11-04   5   30



         Enter ?? for more actions
PU  Patient Record Update             NO  New Order
PI  Patient Information               SO  Select Order
Select Action: Quit//
```

Holding and Unholding a Prescription

If a double question mark (??) is entered at the "Select Action" prompt, the hidden actions on the following page will display in the action area.

```
The following actions are also available:
AL    Activity Logs (OP)    REJ  View REJECT          DN   Down a Line
VF    Verify (OP)           VER  View ePharmacy Rx     FS   First Screen
CO    Copy (OP)             RES  Resubmit Claim        GO   Go to Page
TR    Convert Titration Rx  REV  Reverse Claim         LS   Last Screen
TM    Titration Mark/Unmark IN   Intervention Menu     PS   Print Screen
RP    Reprint (OP)          DA   Display Drug AllergiesPT  Print List
HD    Hold (OP)             DIN  Drug Restr/Guide (OP) QU   Quit
UH    Unhold (OP)           +    Next Screen           RD   Re Display Screen
PI    Patient Information   -    Previous Screen       SL   Search List
PP    Pull Rx (OP)          <    Shift View to Left    UP   Up a Line
IP    Inpat. Profile (OP)   >    Shift View to Right
OTH   Other OP Actions      ADPL Auto Display(On/Off)
```

Use the Hold (HD) action to put a prescription on hold. Use the Unhold (UH) action to remove a prescription from hold.

Only key holders of the PSORPH security key or the PSO TECH ADV security key can hold or unhold a prescription.

PSORPH security key holders are allowed to put a prescription on hold using the following HOLD reasons:

1 INSUFFICIENT QTY IN STOCK
2 DRUG-DRUG INTERACTION

4 PROVIDER TO BE CONTACTED
6 ADVERSE DRUG REACTION
7 BAD ADDRESS
8 PER PATIENT REQUEST
9 CONSULT/PRIOR APPROVAL NEEDED
98 OTHER/TECH (NON-CLINICAL)
99 OTHER/RPH (CLINICAL)

Note: HOLD reasons 98 and 99 require the user to enter a HOLD comment.

PSO TECH ADV security key holders are allowed to put a prescription on hold using the following HOLD reasons:

1 INSUFFICIENT QTY IN STOCK
7 BAD ADDRESS
8 PER PATIENT REQUEST
98 OTHER/TECH (NON-CLINICAL)

Note: HOLD reason 98 requires the user to enter a HOLD comment.

While PSORPH security key holders are allowed to remove a prescription from HOLD under any HOLD reason, PSO TECH ADV security key holders are only allowed to remove a prescription from HOLD under the above HOLD reasons (reasons 1,7, 8, and 98).

Example: HOLD with PSORPH Security Key or PSO TECH ADV Security Key

```
OP Medications (SUSPENDED)     May 11, 2012@10:12:56      Page:   1 of   3
PAGPATNM,M                                                    <A>
 PID: 666-00-0286                               Ht(cm):           (      )
 DOB: DEC 1,1900                                Wt(kg): _____  (_____)

              Rx #: 100002926
 (1) *Orderable Item: FLUOXETINE CAP,ORAL
 (2)       CMOP Drug: EFFEXOR
               NDC: 00056-0176-75
 (3)        *Dosage: 10 (MG)
              Verb: TAKE
     Dispense Units: 1
              Noun: CAPSULE
            *Route: ORAL
         *Schedule: QAM
 (4)Pat Instructions:
               SIG: TAKE ONE CAPSULE MOUTH EVERY MORNING
 (5)  Patient Status: OPT NSC
 (6)     Issue Date: 02/14/12           (7)  Fill Date: 05/09/12
     Last Fill Date: 05/29/12 (Mail)
+        Enter ?? for more actions
DC   Discontinue        PR   Partial            RL   Release
ED   Edit               RF   (Refill)           RN   Renew
Select Action: Next Screen// HD   HD
Nature of Order: WRITTEN//       W
```

If the user has the PSORPH security key, the following HOLD reasons are available:

```
HOLD REASON: ?

Enter reason medication is placed in a 'Hold' status.
Choose from:
1        INSUFFICIENT QTY IN STOCK
2        DRUG-DRUG INTERACTION
4        PROVIDER TO BE CONTACTED
6        ADVERSE DRUG REACTION
7        BAD ADDRESS
8        PER PATIENT REQUEST
9        CONSULT/PRIOR APPROVAL NEEDED
98       OTHER/TECH (NON-CLINICAL)
99       OTHER/RPH (CLINICAL)
```

If the user has the PSO TECH ADV security key, the following HOLD reasons are available:

```
HOLD REASON: ?

Enter reason medication is placed in a 'Hold' status.
Choose from:
1        INSUFFICIENT QTY IN STOCK
7        BAD ADDRESS
8        PER PATIENT REQUEST
98       OTHER/TECH (NON-CLINICAL)
```

The same conditions apply for Unholding a prescription. Users with the PSORPH security key can unhold for the following reason:

```
1        INSUFFICIENT QTY IN STOCK
2        DRUG-DRUG INTERACTION
4        PROVIDER TO BE CONTACTED
6        ADVERSE DRUG REACTION
7        BAD ADDRESS
8        PER PATIENT REQUEST
9        CONSULT/PRIOR APPROVAL NEEDED
98       OTHER/TECH (NON-CLINICAL)
99       OTHER/RPH (CLINICAL)
```

Users with only the PSO TECH ADV security key can unhold for the following reasons:

```
1        INSUFFICIENT QTY IN STOCK
7        BAD ADDRESS
8        PER PATIENT REQUEST
98       OTHER/TECH (NON-CLINICAL)
```

Note: If a user does not have a PSORPH security key and tries to unhold a prescription, the message "The HOLD can only be removed by a pharmacist" is displayed.

Each time a user holds or unholds a prescription, an entry is created in the Activity Log. These entries include HOLD COMMENTS and the HOLD REASON when a prescription is placed on HOLD and UNHOLD COMMENTS when the prescription is removed from HOLD. Again, HOLD reasons 98 and 99 require the user to enter a HOLD comment.

Example: Activity Log with HOLD/UNHOLD Comments

```
Activity Log:
      #   Date        Reason        Rx Ref       Initiator Of Activity
```

```
...
8   05/10/12    HOLD          REFILL 1      USER,PHARMACY
Comments: Rx placed on HOLD (Reason: BAD ADDRESS) and removed from
          SUSPENSE - HOLD COMMENTS ENTERED BY THE USER MANUALLY.
...
9   05/10/12    UNHOLD        REFILL 1      USER,PHARMACY
Comments: Rx Removed from HOLD - UNHOLD COMMENTS ENTERED BY THE USER
          WHEN REMOVING THE RX FROM HOLD.
```

Renewing a Prescription

This action allows the pharmacy technician to process renewals for existing orders.

Example: Renewing a Prescription

[This example begins after an order has been selected from the Medication Profile screen.]

```
OP Medications (ACTIVE)       Jun 12, 2001 15:08:43        Page:    1 of    3
OPPATIENT16,ONE
  PID: 000-24-6802                                Ht(cm): 177.80 (02/08/1999)
  DOB: APR 3,1941 (60)                            Wt(kg): 90.45 (02/08/1999)
 CrCL: 78.1(est.) (CREAT:1.0mg/dL 2/19/99)      BSA (m2): 2.08


                Rx #: 503886$
 (1) *Orderable Item: DIGOXIN CAP,ORAL
 (2)        CMOP Drug: DIGOXIN (LANOXIN) 0.2MG CAP
                  NDC: 00056-0176-75
 (3)          *Dosage: .2 (MG)
                 Verb: TAKE
     Dispense Units: 1
                 Noun: CAPSULE
               *Route: ORAL (BY MOUTH)
           *Schedule: Q12H
 (4)Pat Instructions: TAKE AFTER MEALS
   Provider Comments: TAKE AFTER MEALS
                  SIG: TAKE ONE CAPSULE BY MOUTH EVERY 12 HOURS TAKE AFTER MEALS
 (5)  Patient Status: SERVICE CONNECTED
 (6)      Issue Date: 05/07/01             (7)  Fill Date: 05/07/01
+         Enter ?? for more actions
DC   Discontinue          PR   Partial               RL   Release
ED   Edit                 RF   Refill                RN   Renew
Select Action: Next Screen// RN   Renew
FILL DATE:  (6/12/2001 - 6/13/2002): TODAY// <Enter>
MAIL/WINDOW: WINDOW// <Enter> WINDOW
METHOD OF PICK-UP: <Enter>
Nature of Order: WRITTEN//  <Enter> W
WAS THE PATIENT COUNSELED: NO// Y  ES
WAS COUNSELING UNDERSTOOD: NO// Y  ES

Do you want to enter a Progress Note? No// <Enter> NO

Now Renewing Rx # 503886   Drug: DIGOXIN (LANOXIN) 0.2MG CAP

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...

503886A      DIGOXIN (LANOXIN) 0.2MG CAP       QTY: 60
# OF REFILLS: 5  ISSUED: 06-12-01
SIG: TAKE ONE CAPSULE BY MOUTH EVERY 12 HOURS TAKE AFTER MEALS
FILLED: 06-12-01
ROUTING: WINDOW     PHYS: OPPROVIDER4,TWO

Edit renewed Rx ? Y// <Enter>  ES
```

At this point, the order can be edited as discussed in the Editing a New Order example. If the order is not edited, the order is renewed and the display returns to the Medication Profile screen.

The user may renew more than one order on the same patient by typing the desired order numbers separated by a comma (for example: 1,3, and 5).

After the edits are made, the order is redisplayed and it can be re-edited or accepted.

If an order was entered before patch PSO*7*46 update, the user will be prompted to fill in any missing dosing information needed as illustrated in this example.

Example: Renewing a Prescription (continued)

```
Edit renewed Rx ? Y// NO

Dosing Instruction Missing!!

Drug: CALCIUM CARBONATE 650MG TAB
TAKE 1 TABLET(S) BY MOUTH THREE TIMES A DAY

FILLED: 04-02-01
ROUTING: WINDOW     PHYS: OPPROVIDER29,TWO

Edit renewed Rx ? Y// <Enter> ES
Available Dosage(s)          Apr 02, 2001@10:49:06
     1. 650MG
     2. 1300MG
Select from list of Available Dosages or Enter Free Text Dose: 1 650MG

You entered 650MG is this correct? Yes// <Enter>  YES
DISPENSE UNITS PER DOSE(TAB): 1// <Enter> 1
Dosage Ordered: 650MG
ROUTE: PO// <Enter>  ORAL      PO  MOUTH
Schedule: TID (THREE TIMES A DAY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES): <Enter>
CONJUNCTION: <Enter>
PATIENT INSTRUCTIONS: <Enter>

(TAKE ONE TAB BY MOUTH THREE TIMES A DAY)


1460971A    CALCIUM CARBONATE 650MG TAB     QTY: 100
# OF REFILLS: 10  ISSUED: 04-02-01
SIG: TAKE ONE TAB BY MOUTH THREE TIMES A DAY
```

Original Provider Comments are not carried over to any renewals in Outpatient Pharmacy.

Renewing an ePharmacy Order

When renewing an ePharmacy order, upon acceptance of the renewed order the original prescription will be discontinued and a new order created. If the latest fill of the original order has not been released and is E Payable, the claim for that fill will be reversed. A new claim is submitted for the new prescription.

[This example begins after an order is selected from the Medication Profile screen.]

```
OP Medications (ACTIVE)       Nov 04, 2005@11:48:14        Page:   1 of   3
OPPATIENT,FOUR
  PID: 000-01-1322P                            Ht(cm): _____ (_____)
  DOB: NOV 12,1975 (29)                        Wt(kg):          (      )

            Rx #: 100003642$e
 (1) *Orderable Item: SIMETHICONE TAB,CHEWABLE
 (2)           Drug: SIMETHICONE 40MG TAB
                NDC: 00056-0176-75
 (3)        *Dosage: 40 (MG)
              Verb: CHEW
     Dispense Units: 1
             Noun: TABLET
          *Route: ORAL
       *Schedule: TID
```

```
 (4)Pat Instructions:
                SIG: CHEW ONE TABLET BY BY MOUTH THREE TIMES A DAY
 (5)   Patient Status: OPT NSC
 (6)      Issue Date: 08/11/05              (7)   Fill Date: 08/11/05
      Last Fill Date: 08/11/05 (Window)
+        Enter ?? for more actions
DC   Discontinue         PR   Partial           RL   Release
ED   Edit                RF   Refill            RN   Renew
Select Action: Next Screen// RN   Renew
FILL DATE: (11/4/2005 - 11/5/2006): TODAY// <Enter> (NOV 04, 2005)
MAIL/WINDOW: WINDOW// <Enter>WINDOW
METHOD OF PICK-UP: <Enter>
Nature of Order: WRITTEN//    <Enter>    W
WAS THE PATIENT COUNSELED: NO//<Enter> NO

Now Renewing Rx # 100003642   Drug: SIMETHICONE 40MG TAB

Now doing remote order checks. Please wait...

Now doing allergy checks.  Please wait...

Now processing Clinical Reminder Order Checks. Please wait ...

Now Processing Enhanced Order Checks!  Please Wait...


100003642A   SIMETHICONE 40MG TAB             QTY: 90
# OF REFILLS: 5  ISSUED: 11-04-05
SIG: CHEW ONE TABLET BY BY MOUTH THREE TIMES A DAY
FILLED: 11-04-05
ROUTING: WINDOW     PHYS: OPPROVIDER4,TWO

Edit renewed Rx ? Y// <Enter> ES
```

Example: Renewing an ePharmacy Order (continued)

[To save space, only the second Prescription Renew screen is displayed in this example.]

```
Prescription Renew          Jun 04, 2001 16:18:17       Page:   2 of   2
OPPATIENT,FOUR
  PID: 000-01-1322P                           Ht(cm):          (       )
  DOB: NOV 12,1975 (29)                       Wt(kg): _____ (_____)
+
        Days Supply: 30
            QTY ( ): 90
  (3)   # of Refills: 5
  (4)        Routing: WINDOW
  (5)        Clinic:
  (6)       Provider: OPPROVIDER4,TWO
  (7)        Copies: 1
  (8)       Remarks: RENEWED FROM RX # 100003642
  Entry By: OPPHARMACIST4,THREE              Entry Date: NOV 4,2005 11:56:31


        Enter ?? for more actions
AC   Accept                       DC   Discontinue
BY   Bypass                       ED   Edit
Select Item(s): Quit// 5

CLINIC: 3EN
Prescription Renew          Jun 04, 2001 16:24:32       Page:   2 of   2
OPPATIENT,FOUR
  PID: 000-01-1322P                           Ht(cm): _____ (_____)
  DOB: NOV 12,1975 (29)                       Wt(kg):          (       )
+
        Days Supply: 30
            QTY ( ): 90
  (3)   # of Refills: 5
  (4)        Routing: WINDOW
  (5)        Clinic:
  (6)       Provider: OPPROVIDER4,TWO
```

```
   (7)         Copies: 1
   (8)        Remarks: RENEWED FROM RX # 100003642
    Entry By: OPPHARMACIST4,THREE                    Entry Date: NOV 4,2005 11:56:31

           Enter ?? for more actions
AC   Accept                               DC   Discontinue
BY   Bypass                               ED   Edit
Select Item(s): Quit// AC   Accept
        SC Percent: 40%
      Disabilities: NONE STATED

Was treatment for Service Connected condition? NO// <Enter>
Reversing prescription 100003642.

Claim Status:
Reversing and Rebilling a previously submitted claim...
Reversing...
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
IN PROGRESS-Waiting to process response
E REVERSAL ACCEPTED

 -Rx 100003642 has been discontinued...

Veteran Prescription 100003642A successfully submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Waiting for packet build
IN PROGRESS-Packet being built
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
IN PROGRESS-Receiving response
E PAYABLE
```

Original Provider Comments are not carried over to any renewals in Outpatient Pharmacy.

Chapter 10: Pull Early from Suspense

This chapter describes the options used for handling suspended prescriptions.

Pull Early from Suspense
[PSO PNDRX]

This option is used to pull a specific prescription or all prescriptions for a patient early. If a prescription is pulled early using this option, it will not be associated with any printed batch, and the user will not be able to reprint a label with the *Reprint Batches from Suspense* option. Since prescriptions that are pulled early from suspense do not belong to any printed batch and cannot be reprinted from suspense, there is no reason to leave them in suspense.

The user may also edit the "Method of Pickup". For the prompt "Pull Rx(s) and delete from Suspense", the user should answer **YES** to pull the prescriptions.

If the Label Long indicates that a Label has already printed for this prescription and fill,then the user is asked whether to continue. If the user chooses "No", the label will not print. In addition, the prescription shall be removed from Suspense unless the suspense queue indicates that a user has previously requested a reprint of the suspended prescription. If the user chooses "Yes", the prescription shall continue and will print the label. In the example below, the label will not print but the Prescription will be left on Suspense.

```
        Label for Rx#104872 Fill#0 has already been printed
        Do you want to continue? No//   No
        Reprint Flag is on. Prescription left on suspense.
```

If the patient has remote prescriptions, then the text "THIS PATIENT HAS PRESCRIPTIONS AT OTHER FACILITIES" will appear on the report as shown in the following example.

```
                PRESCRIPTION PROFILE AS OF 12/30/2008

                   NAME: PSOPATIENT,ONE
                   ID# : 000-00-0000

   THIS PATIENT HAS PRESCRIPTIONS AT OTHER FACILITIES

                   PHARMACIST: _____   DATE: _____
```

If a prescription is determined to be an ePharmacy prescription (e.g., third party electronically billable), an electronic claim will be sent by ECME to the third party payer. The communication events between Outpatient Pharmacy and ECME are recorded in the ECME Log section of each prescription. The ECME log can be viewed in the patient Medication Profile screen (Activity Log option - AL) and also from the View Prescriptions option. If the claim submission returns a Refill Too Soon (79), Reject Resolution Required or Drug Utilization Review (88) reject, the label is not printed for the prescription and it is moved to the Refill Too Soon/DUR section of the patient Medication Profile screen until the user resolves the reject. The prescription will also display on the Third Party Payer Reject Worklist. If the claim submission returns a Reject

Resolution Required reject, the label is not printed for the prescription and it is moved to the Reject Resolution Required section of the Third Party Payer Reject Worklist.

Chapter 11: Queue CMOP Prescription

This chapter describes the option for suspending prescriptions for mail-routed CMOP drugs.

Queue CMOP Prescription

[PSO RX QUEUE CMOP]

The *Queue CMOP Prescription* option allows the users (including pharmacy technicians) to put mail-routed prescription(s) for CMOP drugs on suspense for CMOP.

Example: Queue CMOP Prescription

```
Select Suspense Functions Option: QUEUE CMOP Prescription
Enter the Rx # to queue to CMOP: 300486
```

If the prescription does not have a routing of Mail, has already been released, or is not for a CMOP drug, and does not pass all the other normal checks for CMOP, it will not be put on suspense for CMOP.

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Chapter 12: Releasing Medication

This chapter describes the option used for releasing medications.

Release Medication

[PSO RELEASE]

The *Release Medication* option is used at the time the prescription is filled and ready to be given to the patient. Inventory is decreased, certain fields in the file are updated, and a copay is generated if the action is applicable to the prescription. With this option, prescriptions can be batch processed. Communication is made with the Integrated Funds Control, Accounting and Procurement (IFCAP) and Integrated Billing (IB) software to generate copay charges. IFCAP and IB software handle patient billing, tracking of charges, and payment received.

The copay status of a prescription is re-evaluated whenever a fill is released. Various actions can occur based on changes to the criteria that determine the copay status of a prescription. The actions that may result at the time a fill is released are described below.

1. **No action is taken.** No changes to the criteria that determine copay status of a prescription have occurred.

2. **The copay status of the prescription is automatically reset and an entry is placed in the Copay activity log.**

   Example: The drug for which the prescription is written is no longer marked for investigational use. The copay status of the prescription is reset from No Copayment to Copay.

3. **The copay status of the prescription is automatically reset, an entry is placed in the Copay activity log, and a MailMan message is generated detailing missing information required for user follow-up.**

   Example: The drug for which the prescription is written is no longer marked for investigational use. The copay status of the prescription is reset from No Copayment to Copay. The patient has been documented as being exposed to Southwest Asia Conditions (SWAC) during Persian Gulf War service since the last fill. A MailMan message will be generated informing the user that the 'Is this Rx for treatment related to service in SW Asia?' question must be addressed and documented using the *Reset Copay Status/Cancel Charges* option.

4. **A MailMan message is generated detailing missing information required for user follow-up.**

   Example: A veteran is documented as having Agent Orange exposure. Refill #2 for a prescription entered into the system before the new medication copay exemptions took

effect on January 1, 2002 is released. The prescription is copay eligible. A MailMan message will be generated informing recipients that the 'Is this Rx for treatment of Vietnam-Era Herbicide (Agent Orange) exposure?' question must be addressed. The copay status of the prescription may change based on the response entered using the *Reset Copay Status/Cancel Charges* option.

If a MailMan message is generated at the time a prescription fill is released, the recipients of the message will be the provider of record, the pharmacy user who finished the order, and holders of the PSO COPAY key. The message lists the patient name, prescription number, and medication ordered, current copay status, and applicable copay exemption questions that need addressing to determine the prescription's copay status. The *Reset Copay Status/Cancel Charges* option must be used to enter the responses to the medication copay exemption questions listed in the MailMan message. If responses are not entered for the applicable medication copay exemption questions, any subsequent refills when released for this prescription and possibly other prescriptions for this patient will continue to generate the same MailMan message.

Example: MailMan Message

```
Subj: PRESCRIPTION QUESTIONS REVIEW NEEDED (500)  [#30364] 10/11/05@19:56
35 lines
From: OUTPATIENT PHARMACY PACKAGE  In 'IN' basket. Page 1
-------------------------------------------------------------------------------

OPPATIENT29,ONE  (6543P)    CHEYENNE VAM&ROC
Eligibility: SC LESS THAN 50%     SC%: 20
             REIMBURSABLE INSURANCE

Disabilities: ARTHRITIS-10%(SC), FOREARM CONDITION-5%(NSC),
              FOREARM CONDITION-4%(NSC), BENIGN EYE GROWTH-0%(NSC),
              LOSS OF FIELD OF VISION-20%(SC),

Rx# 101906 (1)    COPAY
ALBUTEROL SO4 0.083% INHL 3ML
Due to a change in criteria, additional information listed below is needed
to determine the final VA copay and/or insurance billable status for this Rx
so that appropriate action can be taken by pharmacy personnel.

Is this Rx for a Service Connected Condition?

Is this Rx for treatment related to service in SW Asia?

This message has been sent to the provider of record, the pharmacist who
finished the prescription order, and all holders of the PSO COPAY key.

Enter RETURN to continue or '^' to exit: <Enter>

Subj: PRESCRIPTION QUESTIONS REVIEW NEEDED (500)  [#30364]   Page 2
---------------------------------------------------------------------------

Providers:
Please respond with your answer to the question(s) as a reply to this
message. The prescription will be updated by the appropriate staff.

Staff assigned to update the Prescription responses:
Please use the RESET COPAY STATUS/CANCEL CHARGES option to enter the responses
to the questions above, which may result in a Rx copay status change and/or
the need to remove VA copay charges or may result in a charge to the patient's
insurance carrier.
```

```
Note: The SC question is now asked for Veterans who are SC>49% in order to
determine if the Rx can be billed to a third party insurance. These Veterans
will NOT be charged a VA copay.

Supply and investigational drugs are not charged a VA copay but could be
reimbursable by third party insurance.

Enter message action (in IN basket): Ignore//
```

An annual copayment cap is applied to patients in specific priority enrollment groups. Once a patient reaches the annual copayment cap, no further medication copay charges will be billed for the calendar year. An entry to that effect is made to the Copay Activity Log. The '$' indicator remains next to the prescription number to indicate that the prescription is still copay eligible.

Integrated Billing software keeps track of all prescription fills not billed due to the annual cap.

Example: Copay Activity Log When Annual Cap Reached

```
Copay Activity Log:
#   Date        Reason            Rx Ref          Initiator Of Activity
========================================================================
1   10/23/01    ANNUAL CAP REACHED   ORIGINAL        OPPROVIDER11,TWO
Comment:  NO BILLING FOR THIS FILL
```

If for whatever reason (e.g. prescription fill is returned to stock and copay charges cancelled), a patient falls below the annual copayment cap, the Integrated Billing package can initiate copay charges to bring the patient back up to the annual copayment cap. Integrated billing software will go back and bill a copay charge for those fills previously not charged due to the annual cap, bringing the patient's total copayment up to the cap. Whenever this occurs an entry will be placed in the Copay activity log.

Example: Copay Activity Log with IB-Initiated Charge

```
Copay Activity Log:
#   Date        Reason            Rx Ref          Initiator Of Activity
========================================================================
1   10/23/01    ANNUAL CAP REACHED   ORIGINAL        OPPROVIDER11,TWO
Comment:  NO BILLING FOR THIS FILL
2   10/23/01    IB-INITIATED COPAY   ORIGINAL        OPROVIDER11,TWO


Comment: PARTIAL CHARGE
```

If a prescription is <u>not</u> in a releasable status, the user will be given an error message, such as:

- Prescription has a status of (status) and is not eligible for release.

- Prescription was deleted.

- Improper barcode format.

- Non-existent prescription.

Copay is not charged for a partial fill.

Important: This is a mandatory function that the pharmacy must use.

Changes to Releasing Orders Function - Digitally Signed Orders Only

The release function in the *Patient Prescription Processing* option has been modified with patch PSO*7*131 to require that all digitally signed orders for Schedule II controlled substances (CSII orders) be released through the *Outpatient Rx's* option in the *Controlled Substances* (CS) menu. If DEA/PKI is activated and an order is digitally signed, the user is advised that the order must be released through the *Outpatient Rx's* option in the *Controlled Substances* (CS) menu. The same message displays if a user attempts to release a digitally signed CSII order during Speed Release or when using the *Release Medication* option.

A new security key named "PSDRPH", was introduced by the Controlled Substances patch PSD*3*76 that authorizes pharmacists to finish/verify digitally signed Schedule II-V CS orders placed via CPRS.

When processing a digitally signed pending order, the integrity of the original order placed in CPRS is now being checked to ensure that the data fields listed below are not altered from the time the order is signed in CPRS and later selected for processing in backdoor pharmacy. This is done by passing the data elements listed below to a Kernel Application Programming Interface (API), Integration Control Registration (ICR) #3539 along with the CPRS hash count provided by ICR #5709. The Kernel API compares these two hash values and returns an "OK" if the pending order is unaltered; otherwise, a "-1^error code^error message" is returned.

Example: "-1^89802016^Mismatched digital signature hash values."

The following fields are used in the hash check:

- Date of Issuance

- Full Name and Address of the Patient

- Drug Name

- Quantity Prescribed

- Directions for Use

- Prescriber Name

- Prescriber Address (site address)

- Prescriber DEA / VA Registration Number

- Order Number (CPRS)

The Kernel API will also check for the validity of the DEA certificate. If the certificate is revoked or expired, the API will return the appropriate error code. If the error code is related to hash mismatch, or the DEA certificate is revoked, the following events will be triggered during pending order processing:

- The order will be auto discontinued.

- First line of the pending order screen will have the message "Digital Signature Failed: Corrupted (Hash mismatch)" or "Certificate revoked" concatenated with "Order Auto Discontinued", and the message will be highlighted.

- The status bar of the screen will have the message "Signature Failed: Corrupted (Hash mismatch)" or Certificate revoked."

A mail message will be generated to the holders of the PSDMGR key notifying that the order has been auto-discontinued (similar to the example listed below). If the discontinuation is due to a hash mismatch as a result of altering one of the fields listed above, the mail message will show the altered fields with the discrepancies as shown in the following example.

Example: Mail Message of Discontinuation Due to Hash Mismatch

```
Subj: DIGITALLY SIGNED NEW ORDER AUTO DISCONTINUED  [#196353]
     03/20/12@17:1024 lines
From: POSTMASTER  In 'IN' basket.  Page 1  *New*

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

Following order was auto discontinued when finishing a pending order
due to Corrupted (Hash mismatch) - 89802016

Division       : GREELEY CLINIC
CPRS Order #  : 5587651
Issue Date     : MAR 7,2012
Patient        : TEST,PATIENT (0908)
Address        : P.O. BOX 31
                 LAPORTE, CA  95981
Drug           : CODEINE SULFATE 60MG TAB
Dosage Ordered: 120(MG)
Dosage Form   : TABLETS
Quantity       : 54
Provider       : TEST,PROVIDER
DEA#           : TA1234563
Site Address  : 2360 E PERSHING BLVD
                 2360 East Pershing Boulevard
                 CHEYENNE


Differences in CPRS and Pharmacy Pending File

Data Name         CPRS File       Pharmacy Pending File
---------         ---------       ---------------------


QTY PRESCRIBED    15              30
```

If the error code is related to 'certificate expired', the pending order will be processed (will not be auto-discontinued), and a notification will be sent to the provider with the message "DEA certificate expired. Renew your certificate."

The following changes have been made for finishing a CS order:

- When finishing a pending CS order, if the user does not hold the new PSDRPH security key, the order will be marked as 'Non-Verified'. To verify a 'Non-Verified' CS order, the PSDRPH security key is now required. To discontinue a pending CS order, the PSDRPH security key is now required.

- The pending order screen will now display the provider's DEA/VA #, the DETOX# (if available), and the site address.

- When finishing a new pending CS order, the dosage, provider name, or the number of refills will not be allowed editing; however, the user will be allowed to select other possible dosages for the same drug if available. If the changes to the dispense drug results in creating a new order, the user will be notified by the message " Digitally Signed Order - No such changes allowed." If pharmacy wants to make such changes, then they have to discontinue (DC) the pending order and start a new order. However, the user will be allowed to select other possible dosages for the same drug that does not change the prescribed dosage.

- When finishing a new pending CS order, the day supply or the quantity will not be allowed to increase but can be decreased. If the day supply is decreased, the number of refills will also be adjusted accordingly depending on the drug setup (maximum refills, not refillable, etc.). The quantity may be auto-calculated to a higher quantity by the system only when the dosage remains the same, but the dispense drug strength is changed – i.e. 2mg tablets #30 is changed to 1mg tablets, the Sig is updated, and the system changes the quantity to 60. A manual change to a higher quantity is not allowed.

- When finishing a pending CS order or verifying a CS order by the PSDRPH key holder, any edit to some of the key fields, such as dispense drug, dosage, dispense units, issue date, day's supply, quantity or number of refills, will now be captured and stored in the activity log.

Note: In patch PSO*7*99, a change was made for pending orders not to recalculate the quantity for CS drugs on selecting a different strength of the same drug and resulting in the same prescribed dosage. This change is removed in patch PSO*7*391.

Changes to Releasing Orders Function - ScripTalk®

The release function in the *Patient Prescription Processing* option has been modified to display a message to the user when the site is using a Bingo Board and when the patient is enrolled in ScripTalk®. This message will alert the user that the patient is enrolled in ScripTalk® and may need to have a verbal announcement that the prescription(s) is ready, instead of a visual announcement.

Example: Releasing Medication to a ScripTalk® Patient

```
        Prescription Number 400693 Released
        No Refill(s) to be Released
        No Partial(s) to be Released

OPPATIENT16,ONE added to the WAITING display.
This patient is enrolled in ScripTalk and may benefit from
a non-visual announcement that prescriptions are ready.

Press Return to Continue:
```

Changes to Releasing Orders Function – Signature Alert

With Patch PSO*7*385, the release function in the *Patient Prescription Processing* option has been modified to display a message to the user when an ECME-billable prescription is being released as a window fill. This message will alert the user that the patient's signature must be obtained. The user is not required to press <Enter> to continue or respond to the alert in any other manner.

Example: Releasing an ePharmacy Window Fill

```
        Prescription Number 100003853 Released
        No Refill(s) to be Released
        No Partial(s) to be Released

ePharmacy Rx – Obtain Signature
```

Changes to Releasing Orders function – HIPAA NCPDP Global

The release function has been modified with patch PSO*7*148 to perform National Drug Code (NDC) validation for ePharmacy prescriptions. These changes also affect the Controlled Substance prescription release, which is performed through the Controlled Substances package.

The user releasing the third-party electronically billable prescription will be prompted for the NDC for the drug being dispensed to the patient. The NDC code previously retrieved when the prescription was finished will be presented as the current (default) NDC for the prescription. The other possible values that the user will be able to choose from are:

- NDC field value in the DRUG file, if valid and different than the current prescription NDC.

- LAST LOCAL NDC field value in NDC BY OUTPATIENT SITE sub-file in the DRUG file for the division filling the prescription, if valid and different that the current prescription NDC.

- NDC CODE field values in the SYNONYM sub-file in the DRUG file, if valid and different that the current prescription NDC.

If the NDC dispensed is not on the list to select, the user must contact the ADPAC or other designated person to add the NDC in a synonym multiple for that drug in the DRUG file.

If the NDC code selected matches the current NDC in the prescription no further NDC processing is required. However, if the user selects a different NDC, the following steps will occur:

1. Outpatient Pharmacy V. 7.0 will instruct the Electronic Claims Management Engine (ECME) to reverse the previous claim for the previous NDC code and submit a new claim for the newly selected NDC code.

2. The newly selected NDC code will be saved in the LAST LOCAL NDC field in NDC BY OUTPATIENT SITE sub-file in the DRUG file for the division filling the prescription.

The following examples show the new prompt for NDC validation during the release process. For ePharmacy prescriptions, the releasing pharmacist will receive a notation as to whether the NDC was previously validated. If prior validation of the NDC resulted in a third party claims rejection, the pharmacist will be presented with a Reject Processing screen at release.

Example: Releasing an ePharmacy Order – Selecting Default NDC

```
Select Outpatient Pharmacy Manager Option: RELEASE Medication

Enter PHARMACIST: OPPHARMACIST4,THREE

Enter/Wand PRESCRIPTION number: 100003853
** The following NDC was validated on SEP 19, 2008@16:21:23 by OPTECH,ONE.
NDC: 00580-0277-10// ?

Select one of the following valid NDC code(s) below:

        1 - 00580-0277-10

NDC: 00580-0277-10// <Enter> 00580-0277-10
        Prescription Number 100003853 Released
        No Refill(s) to be Released
        No Partial(s) to be Released
ePharmacy Rx - Obtain Signature
```

Example: Releasing an ePharmacy Order – Selecting Different NDC

```
Select Outpatient Pharmacy Manager Option: RELEASE Medication

Enter PHARMACIST: OPPHARMACIST4,THREE

Enter/Wand PRESCRIPTION number: 100003853
NDC: 00580-0277-10// ?

Select one of the following valid NDC code(s) below:

        1 - 00580-0277-10
        2 - 00580-0277-14

NDC: 00580-0277-10//  2 00580-0277-14

Veteran Prescription 100003853 successfully submitted to ECME for claim generation.

Claim Status:
Reversing and Rebilling a previously submitted claim...
Reversing...
IN PROGRESS-Waiting to start
IN PROGRESS-Waiting for packet build
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
Resubmitting...
IN PROGRESS-Waiting to start
IN PROGRESS-Waiting for packet build
IN PROGRESS-Waiting for transmit
IN PROGRESS-Transmitting
IN PROGRESS-Waiting to process response
E PAYABLE

        Prescription Number 100003853 Released
        No Refill(s) to be Released
        No Partial(s) to be Released
```

Chapter 13: Updating a Patient's Record

This chapter describes the option used for updating a patient's record.

Update Patient Record
[PSO PAT]

Use this option to update the patient information currently in the computer and to update patient records being viewed by using the *Patient Record Update* screen action. If implementing Other Language Modifications, use either to set a patient's other language preference.

In support of Registration patch DG*5.3*522, the Outpatient Pharmacy software provides for the automatic population of city, state, and county based on entry of a zip code.

Example: Updating a patient record

```
Bingo Board Display: OUTPATIENT// <Enter>
Update Patient Record

Select Patient:    OPPATIENT,ONE    12-4-53   000007890   YES    SC VETERAN


OPPATIENT, ONE                          ID#:   000-00-7890
4500 S MAIN ST                          DOB:   DEC 4,1953
ADDRESS LINE2
LINE 3 OF ADDRESS
MADISON                                 PHONE: 555-555-1653
WISCONSIN  53705                        ELIG:  SC LESS THAN 50%
                                        SC%:   10

WEIGHT(Kg):                             HEIGHT(cm):
DISABILITIES: ARTHRITIS-10% (SC), FOREARM CONDITION-5% (NSC),
              FOREARM CONDITION-4% (NSC), BENIGN EYE GROWTH-0% (NSC),
              LOSS OF FIELD OF VISION-20% (SC),

ALLERGIES:

ADVERSE REACTIONS:
```

If the PSO site parameter is set to allow editing of patient data, this prompt, "Do you want to update the Permanent address/phone? //N", is displayed. If the user enters "NO", then the software will not allow the user to update the permanent address and Bad Address Indicator fields.

```
Do you want to update the address/phone? NO// YES
Update (P)ermanent address, (T)emporary, or (B)oth: BOTH// PERMANENT
STREET ADDRESS [LINE 1]: 4500 S MAIN ST// 4800 S MAIN ST
STREET ADDRESS [LINE 2]: ADDRESS LINE2// <Enter>  ADDRESS LINE2
STREET ADDRESS [LINE 3]: LINE 3 OF ADDRESS// <Enter>  LINE 3 OF ADDRESS
ZIP+4: 53705// <Enter> 53705

    Select one of the following:

         1          MADISON*
CITY: MADISON// <Enter> *
STATE: WISCONSIN
COUNTY: DANE
PHONE NUMBER [RESIDENCE]: 555-555-1653// 555-555-1653
PHONE NUMBER [WORK]:
    BAD ADDRESS INDICATOR: ?
```

```
    Please enter 1 if the address is 'UNDELIVERABLE', 2 if the patient
    is 'HOMELESS', or 3 for 'OTHER' bad address reasons.
    Choose from:
    1        UNDELIVERABLE
    2        HOMELESS
    3        OTHER
Are you sure that you want to save the above changes? YES
Change saved.
```

Changes to the permanent address/Bad Address Indicator will not be saved until the prompt "Are you sure that you want to save the above changes?" is answered YES.

```
Press ENTER to continue: <Enter>

Temporary Address:


TEMPORARY ADDRESS ACTIVE?: NO//  <Enter> NO

Press Return to continue: <Enter>

PHONE NUMBER [CELLULAR]: <Enter>
CNH CURRENT: <Enter>
FEE HOSPITAL I.D.: <Enter>
REMARKS: <Enter>


     >>PHARMACY PATIENT DATA<<

CAP: <Enter>
MAIL: <Enter>
MAIL STATUS EXPIRATION DATE: <Enter>
DIALYSIS PATIENT: <Enter>
NARRATIVE: <Enter>
Eligibility: COLLATERAL OF VET. <Enter>
Disabilities: <Enter>
PATIENT STATUS: SERVICE CONNECTED// <Enter>
COMMUNITY NURSING HOME: <Enter>
NURSING HOME CONTRACT: <Enter>
LAST DATE OF CONTRACT: <Enter>
RESPITE PATIENT START DATE: <Enter>
RESPITE PATIENT END DATE: <Enter>
OTHER LANGUAGE PREFERENCE: <Enter>
PMI LANGUAGE PREFERENCE: <Enter>
```

Chapter 14: CPRS Order Checks: How They Work

Introduction

In CPRS, Order Checks occur by evaluating a requested order against existing patient data. Most order checks are processed via the CPRS Expert System. A few are processed within the Pharmacy, Allergy Tracking System, and Order Entry packages. Order Checks are a real-time process that occurs during the ordering session and is driven by responses entered by the ordering provider. Order Check messages are displayed interactively in the ordering session.

Order Checks review existing data and current events to produce a relevant message, which is presented to patient caregivers. Order Checks use the CPRS Expert System (OCX namespace), to define logical expressions for this evaluation and message creation. In addition to the expert system Order Checks have some hard-coded algorithms. For example, the drug-drug interaction order check is made via an entry point in the pharmacy package whereas Renal Functions for Patients 65 and Over is defined as a rule in the CPRS Expert System.

Order Check Data Caching

Data caching was recently added to improve the speed of order checks. Before data caching, order checks could be slow because each order check retrieved data from the other VISTA packages—even if the order checks used the same data. With data caching, the first order check in an ordering session retrieves data from other VISTA packages, uses the data to evaluate whether it should display a warning, and then stores the retrieved data in the ^XTMP("OCXCACHE" global for five minutes. The order checks that occur in the next five minutes can use the cached data, if it is the appropriate data, instead of retrieving data from the other packages. After five minutes, the cached data expires, and order checks must retrieve new data from the VISTA packages.

For example, before data caching was implemented, if an order check took 3 seconds to retrieve data from other VISTA packages, and there were 12 order checks, clinicians might wait 36 seconds to sign orders. With data caching, the first order check might take 3 seconds to retrieve the data, but subsequent order checks could use the cache and might take only .03 seconds each. That would be 3.33 seconds compared to 36 seconds. The numbers in this example are for illustration only and do not reflect real system speed. However, data caching should speed up order checks.

To avoid using all available disk space for storing data from order checks, there are several ways to clear the ^XTMP("OCXCACHE" global. ORMTIME removes data from the global when it runs. The suggested frequency for running ORMTIME is every 30 minutes, but not every site runs it that frequently. Kernel clean up utilities also remove data from the cache when they run, which is usually every 24 hours. If needed, users that have access to the programmer's prompt can manually clear the cache from that prompt by using PURGE^OCXCACHE.

Hash Counts and DEA Certification

When processing a digitally signed pending order, the integrity of the original order placed in CPRS is now being checked to ensure that the data fields listed below are not altered from the time the order is signed in CPRS and later selected for processing in backdoor pharmacy. This is done by passing the data elements listed below to a Kernel Application Programming Interface (API), Integration Control Registration (ICR) #3539 along with the CPRS hash count provided by ICR #5709. The Kernel API compares these two hash values and returns an "OK" if the pending order is unaltered; otherwise, a "-1^error code^error message" is returned.

Example: "-1^89802016^Mismatched digital signature hash values."

The following fields are used in the hash check:

- Date of Issuance

- Full Name and Address of the Patient

- Drug Name

- Quantity Prescribed

- Directions for Use

- Prescriber Name

- Prescriber Address (site address)

- Prescriber DEA / VA Registration Number

- Order Number (CPRS)

The Kernel API will also check for the validity of the DEA certificate. If the certificate is revoked or expired, the API will return the appropriate error code. If the error code is related to hash mismatch, or the DEA certificate is revoked, the following events will be triggered during pending order processing:

- The order will be auto discontinued.

- First line of the pending order screen will have the message "Digital Signature Failed: Corrupted (Hash mismatch)" or "Certificate revoked" concatenated with "Order Auto Discontinued", and the message will be highlighted.

- The status bar of the screen will have the message "Signature Failed: Corrupted (Hash mismatch)" or Certificate revoked."

A mail message will be generated to the holders of the PSDMGR key notifying that the order has been auto-discontinued (similar to the example listed below). If the discontinuation is due to a hash mismatch as a result of altering one of the fields listed above, the mail message will show the altered fields with the discrepancies as shown in the following example.

Example: Mail Message of Discontinuation Due to Hash Mismatch

```
Subj: DIGITALLY SIGNED NEW ORDER AUTO DISCONTINUED  [#196353]
      03/20/12@17:1024 lines
From: POSTMASTER  In 'IN' basket.   Page 1  *New*

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

Following order was auto discontinued when finishing a pending order
due to Corrupted (Hash mismatch) - 89802016

Division       : GREELEY CLINIC
CPRS Order #   : 5587651
Issue Date     : MAR 7,2012
Patient        : TEST,PATIENT (0908)
Address        : P.O. BOX 31
                 LAPORTE, CA  95981
Drug           : CODEINE SULFATE 60MG TAB
Dosage Ordered: 120(MG)
Dosage Form    : TABLETS
Quantity       : 54
Provider       : TEST,PROVIDER
DEA#           : TA1234563
Site Address   : 2360 E PERSHING BLVD
                 2360 East Pershing Boulevard
                 CHEYENNE


Differences in CPRS and Pharmacy Pending File

Data Name           CPRS File          Pharmacy Pending File
---------           ---------          ---------------------
QTY PRESCRIBED      15                 30
```

If the error code is related to 'certificate expired', the pending order will be processed (will not be auto-discontinued), and a notification will be sent to the provider with the message, "DEA certificate expired. Renew your certificate."

The following changes have been made for finishing a CS order:

- When finishing a pending CS order, if the user does not hold the new PSDRPH security key, the order will be marked as 'Non-Verified'. To verify a 'Non-Verified' CS order, the PSDRPH security key is now required. To discontinue a pending CS order, the PSDRPH security key is now required.

- The pending order screen will now display the provider's DEA/VA #, the DETOX# (if available), and the site address.

- When finishing a new pending CS order, the dosage, provider name, or the number of refills will not be allowed editing; however, the user will be allowed to select other possible dosages for the same drug if available. If the changes to the dispense drug results in creating a new order, the user will be notified by the message "Digitally Signed Order - No such changes allowed." If pharmacy wants to make such changes, then they have to discontinue (DC) the pending order and start a new order. However, the user will be allowed to select other possible dosages for the same drug that does not change the prescribed dosage.

- When finishing a new pending CS order, the day supply or the quantity will not be allowed to increase but can be decreased. If the day supply is decreased, the number of refills will also be adjusted accordingly depending on the drug setup (maximum refills, not refillable, etc.). The quantity may be auto-calculated to a higher quantity by the

system only when the dosage remains the same, but the dispense drug strength is changed – i.e. 2mg tablets #30 is changed to 1mg tablets, the Sig is updated, and the system changes the quantity to 60. A manual change to a higher quantity is not allowed.

- When finishing a pending CS order or verifying a CS order by the PSDRPH key holder, any edit to some of the key fields, such as dispense drug, dosage, dispense units, issue date, day's supply, quantity or number of refills, will now be captured and stored in the activity log.

Note: In patch PSO*7*99, a change was made for pending orders not to recalculate the quantity for CS drugs on selecting a different strength of the same drug and resulting in the same prescribed dosage. This change is removed in patch PSO*7*391.

Chapter 15: Error Messages

Error Information

The text in the error message and reason column will be displayed to the user. The type of error is displayed in column 1.

Three Levels of Error Messages

System   When such an error occurs, no Drug Interaction, Duplicate Therapy, or Dosing order checks will be performed. Other order checks that do not use the COTS database (FDB) will still be performed such as allergy/ADRs, duplicate drug (for outpatient only) and new CPRS order checks, etc.

Drug   The second error level is for the drug and no Drug Interaction/Duplicate Therapy or Dosing order checks will be performed for a specific drug. Drug level errors can occur for the prospective drug (drug being processed) or the profile drug. If a drug level error occurs on the prospective drug, no profile drug errors will be displayed. The only exception to this is when you are processing an IV order with multiple prospective drugs (i.e. multiple IV Additives). Profile drug level errors will only be shown once per patient session.

There are two reasons that a drug level error is generated; the drug is not matched to NDF or the drug is matched to NDF, but the VA Product to which it is matched does not have a GCNSEQNO assigned or the GCNSEQNO assigned does not match up to the GCNSEQNO in the COTS database. The latter (GCNSEQNO mismatch) is rare.

Order   The third error level is for the order. Order level errors will only occur with dosing order checks. Please see the *Dosing Order Check User Manual* for more information.

Error Level	Error Message	Reason	Why message is being displayed
System	No Enhanced Order Checks can be performed.	Vendor Database cannot be reached.	The connectivity to the vendor database has gone down. A MailMan message is sent to the G. PSS ORDER CHECKS mail group when the link goes down and when it comes back up.
System	No Enhanced Order Checks can be performed.	The connection to the vendor database has been disabled.	A user has executed the Enable/Disable Vendor Database Link [PSS ENABLE/DISABLE DB LINK] option and disabled the interface.

Error Level	Error Message	Reason	Why message is being displayed
System	No Enhanced Order Checks can be performed	Vendor database updates are being processed	The vendor database (custom and standard data) is being updated using the DATUP (Data Update) process.
System	"Signature Failed- Order Auto Discontinued"	Hash Mismatch	Original digitally signed CS order placed in CPRS is checked to ensure data fields are not altered from the time the order is signed in CPRS and later selected for processing in backdoor pharmacy.
System	"DEA certificate expired. Renew your certificate."	Validity of the DEA certificate.	Kernel API check for the validity of the DEA certificate. If certificate is revoked or expired, the API will return the appropriate error code.
System	No Enhanced Order Checks can be performed	An unexpected error has occurred	There is a system network problem and the vendor database cannot be reached or a software interface issue.
Drug	Enhanced Order Checks cannot be performed for Local or Local Outpatient Drug: <DRUG NAME>	Drug not matched to NDF	The local drug being ordered/ or on profile has not been matched to NDF. Matching the drug to a VA Product will eliminate this message.
Drug	Order Checks could not be done for Remote Drug: <DRUG NAME>, please complete a manual check for Drug Interactions and Duplicate Therapy. Remote order indicator		If this error message is displayed, it means that the VA product that the local or remote drug being ordered/or on the local or remote profile does not have a GCNSEQNO or in rare cases, the GCNSEQNO assigned to the VA Product does not match up with a GCNSEQNO in the vendor database.
Drug	Enhanced Order Checks cannot be performed for Orderable Item: <OI NAME>	No active Dispense Drug found	Highly unlikely that this error would be seen. At the time the order check was being performed the orderable item did not have an active dispense drug associated.

Glossary

The following table provides definitions for common acronyms and terms used in this manual.

Acronym/Term	Definition
Action Profile	A list of all active and recently canceled or expired prescriptions for a patient sorted by classification. This profile also includes a signature line for each prescription to allow the physician to cancel or renew it.
Activity Log	A log, by date, of changes made to or actions taken on a prescription. An entry is made in this log each time the prescription is edited, canceled, reinstated after being canceled, or renewed. An entry will be made into this log each time a label is reprinted. A CMOP activity log will contain information related to CMOP dispensing activities.
Allergy/ADR Information	Includes non-verified and verified allergy and/or adverse reaction information as defined in the Adverse Reaction Tracking (ART) package. The allergy data is sorted by type (DRUG, OTHER, FOOD). If no data is found for a category, the heading for that category is not displayed.
Allergy Order Checks	The process that compares the drugs prescribed for a patient against that patient's recorded allergies
AMIS	Automated Management Information System
Answer Sheet	An entry in the DUE ANSWER SHEET file. It contains the questions and answers of a DUE questionnaire. This term is also used to refer to the hard copy representation of a DUE ANSWER SHEET entry.
API	Application Programming Interface**s**
APSP	Originally Indian Health Service Pharmacy's name space now owned by the Outpatient Pharmacy software.
BSA	Body Surface Area. The Dubois formula is used to calculate the Body Surface Area using the following formula: $$\text{BSA (m}^2) = 0.20247 \times \text{Height (m)}^{0.725} \times \text{Weight (kg)}^{0.425}$$ The equation is performed using the most recent patient height and weight values that are entered into the vitals package. The calculation is not intended to be a replacement for independent clinical judgment.

Acronym/Term	Definition
Bypass	Take no action on a medication order.
CHAMPVA	CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs) is a cost-shared health benefits program established for the dependents and survivors of certain severely disabled and/or deceased veterans.
Clinical Reminder Order Checks (CROC)	CPRS Order Checks that use Clinical Reminder functionality, both reminder terms and reminder definitions, to perform checks for groups of orderable items.
CMOP	Consolidated Mail Outpatient Pharmacy.
CPRS	Computerized Patient Record System. CPRS is an entry point in VistA that allows the user to enter all necessary orders for a patient in different packages (e.g., Outpatient Pharmacy, Inpatient Pharmacy, etc.) from a single entry point.
CrCL	Creatinine Clearance. The CrCL value which displays in the pharmacy header is identical to the CrCL value calculated in CPRS. The formula approved by the CPRS Clinical Workgroup is the following:
	Modified Cockcroft-Gault equation using Adjusted Body Weight in kg (if ht > 60in)
	This calculation is not intended to be a replacement for independent clinical judgment.
Critical	Interactions with severe consequences that require some type of action (finding facts, contacting prescribers) to prevent potential serious harm.
DATUP	Data Update (DATUP). Functionality that allows the Pharmacy Enterprise Customization System (PECS) to send out VA custom and standard commercial-off-the-shelf (COTS) vendor database changes to update the production and pre-production centralized MOCHA databases at Austin and Philadelphia.
DEA	Drug Enforcement Agency
DEA Special Handling	The Drug Enforcement Agency special Handling code used for drugs to designate if they are over-the counter, narcotics, bulk compounds, supply items, etc.
DHCP	See VistA
DIF	Drug Information Framework

Acronym/Term	Definition
Dispense Drug	The Dispense Drug name has the strength attached to it (e.g., Acetaminophen 325 mg). The name alone without a strength attached is the Orderable Item name.
DoD	Department of Defense
Dosage Ordered	After the user has selected the drug during order entry, the dosage ordered prompt is displayed.
Drug/Drug Interaction	The pharmacological or clinical response to the administration of a drug combination different from that anticipated from the known effects of the two agents when given alone.
DUE	Drug Usage Evaluation
Enhanced Order Check	Drug – Drug Interaction, Duplicate Therapy, and Dosing order checks that are executed utilizing FDB's MedKnowledge Framework APIs and database.
ETC	Enhanced Therapeutic Classification system
Expiration/Stop	The date on which a prescription is no longer active. Typically, this date is 30 days after the issue date for narcotics, 365 days after the issue date for other medications and 365 days after the issue date for supplies.
FDB	First DataBank
Finish	Term used for completing orders from Order Entry/Results Reporting V. 3.0.
GUI	Acronym for Graphical User Interface.
Issue Date	The date on which the prescription was written. This date is usually, but not always, the same as the first fill date. This date cannot be later than the first fill date.
HDR/CDS	Health Data Repository/Clinical Data Services Repository
HDR-Hx	Health Data Repository Historical
HDR-IMS	Health Data Repository- Interim Messaging Solution
HFS	Host File Server.
Health Insurance Portability and Accountability Act of 1996 (HIPAA)	A Federal law that makes a number of changes that have the goal of allowing persons to qualify immediately for comparable health insurance coverage when they change their employment relationships. Title II, Subtitle F, of HIPAA gives HHS the authority to mandate the use of standards for the electronic exchange of health

Acronym/Term	Definition
	care data; to specify what medical and administrative code sets should be used within those standards; to require the use of national identification systems for health care patients, providers, payers (or plans), and employers (or sponsors); and to specify the types of measures required to protect the security and privacy of personally identifiable health care information. Also known as the Kennedy-Kassebaum Bill, the Kassebaum-Kennedy Bill, K2, or Public Law 104-191.
JCAHO	Joint Commission on Accreditation of Healthcare Organizations
Label/Profile Monitor	A file for each printer which records, in the order in which they were printed, the last 1000 labels or profiles printed on that printer. This allows a rapid reprint of a series of labels or profiles that were damaged by a printer malfunction or other event.
Local Possible Dosages	Free text dosages that are associated with drugs that do not meet all of the criteria for Possible Dosages.
Medication Instruction File	The MEDICATION INSTRUCTION file is used by Unit Dose and Outpatient Pharmacy. It contains the medication instruction name, expansion and intended use.
Medication Order	A prescription
Medication Profile	A list of all active or recently canceled or expired prescriptions for a patient sorted either by date, drug, or classification. Unlike the action profile, this profile is for information only and does not provide a signature line for a physician to indicate action to be taken on the prescription.
Medication Routes File	The MEDICATION ROUTES file contains medication route names. The user can enter an abbreviation for each route to be used at the local site. The abbreviation will most likely be the Latin abbreviation for the term.
Med Route	The method in which the prescription is to be administered (e.g., oral, injection).
NCCC	National Clozapine Coordinating Center.
Non-Formulary Drugs	The medications, which are defined as commercially available drug products not included in the VA National Formulary.

Acronym/Term	Definition
Non-VA Meds	Term that encompasses any Over-the-Counter (OTC) medications, Herbal supplements, Veterans Health Administration (VHA) prescribed medications but purchased by the patient at an outside pharmacy, and medications prescribed by providers outside VHA. All Non-VA Meds must be documented in patients' medical records.
OneVA Pharmacy	Prescriptions that originated from another VistA instance other than the site dispensing the prescription.
Order	Request for medication.
Order Check	Order checks (drug-allergy/ADR interactions, drug-drug, duplicate drug, duplicate therapy, and dosing) are performed when a new medication order is placed through either the CPRS or Outpatient Pharmacy applications. They are also performed when medication orders are renewed, when Orderable Items are edited, or during the finishing process in Outpatient Pharmacy. This functionality will ensure the user is alerted to possible adverse drug reactions and will reduce the possibility of a medication error.
Orderable Item	An Orderable Item name has no strength attached to it (e.g., Acetaminophen). The name with a strength attached to it is the Dispense drug name (e.g., Acetaminophen 325mg).
Partial Prescription	A prescription that has been filled for a quantity smaller than requested. A possible reason for a partial fill is that a patient is to return to the clinic in ten days but the prescription calls for a thirty-day supply. Partials do count as workload but do not count against the total number of refills for a prescription.
Payer	In health care, an entity that assumes the risk of paying for medical treatments. This can be an uninsured patient, a self-insured employer, or a health care plan or Health Maintenance Organization (HMO).
Pending Order	A pending order is one that has been entered by a provider through CPRS without Pharmacy finishing the order. Once Pharmacy has finished the order, it will become active.
Pharmacy Narrative	OUTPATIENT NARRATIVE field that may be used by pharmacy staff to display information specific to the patient.
Polypharmacy	The administration of many drugs together.
POE	Pharmacy Ordering Enhancements (POE) project. Patch PSO*7*46 contains all the related changes for Outpatient Pharmacy.

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Acronym/Term	Definition
Possible Dosages	Dosages that have a numeric dosage and numeric dispense units per dose appropriate for administration. For a drug to have possible dosages, it must be a single ingredient product that is matched to the DRUG file. The DRUG file entry must have a numeric strength and the dosage form/unit combination must be such that a numeric strength combined with the unit can be an appropriate dosage selection.
Prescription	This term is now referred to throughout the software as medication orders.
Prescription Status	A prescription can have one of the following statuses. **Active -** A prescription with this status can be filled or refilled. **Canceled -** This term is now referred to throughout the software as Discontinued. (See Discontinued.) **Discontinued -** This status is used when a prescription was made inactive either by a new prescription or by the request of a physician. **Discontinued (Edit) -** Discontinued (Edit) is the status used when a medication order has been edited and causes a new order to be created due to the editing of certain data elements. **Deleted -** This status is used when a prescription is deleted. Prescriptions are no longer physically deleted from the system, but marked as deleted. Once a prescription is marked deleted no access is allowed other than view. **Expired -** This status indicates the expiration date has passed. *Note: A prescription that was canceled or has expired more recently than the date specified by the cutoff date, typically 120 days in the past, can still be acted upon. **Hold -** A prescription that was placed on hold due to reasons determined by the pharmacist. **Non-verified -** There are two types of non-verified statuses. Depending on a site parameter, prescriptions entered by a technician do not become active until a pharmacist reviews them. Until such review, they remain non-verified and cannot be printed, canceled or edited except through the *Verification* menu. The second non-verified status is given to prescriptions when a drug/drug interaction is encountered during the new order entry or editing of a prescription.

Acronym/Term	Definition
	Pending - A prescription that has been entered through OERR.
	Refill - A second or subsequent filling authorized by the provider.
	Suspended - A prescription that will be filled at some future date.
Progress Notes	A component of Text Integration Utilities (TIU) that can function as part of CPRS.
Provider	The person who authorized an order. Only users identified as providers who are authorized to write medication orders may be selected.
Reprinted Label	Unlike a partial prescription, a reprint does not count as workload.
Questionnaire	An entry in the DUE QUESTIONNAIRE file. This file entry contains the set of questions related to a DUE as well as the drugs being evaluated.
Schedule	The frequency by which the doses are to be administered, such as Q8H, BID, NOW, etc.
Sig	The instructions printed on the label.
Significant	The potential for harm is either rare or generally known so that it is reasonable to expect that all prescribers have taken this information into account.
Speed Actions	See Actions
Suspense	A prescription may not be able to be filled on the day it was requested. When the prescription is entered, a label is not printed. Rather, the prescription is put in the RX SUSPENSE file to be printed at a later date.
Third (3rd) Party Claims	Health care insurance claims submitted to an entity for reimbursement of health care bills.
Time In	This is the time that the patient's name was entered in the computer.
Time Out	This is the time that the patient's name was entered on the bingo board monitor.
TRICARE	TRICARE is the uniformed service health care program for: • active duty service members and their families • retired service members and their families • members of the National Guard and Reserves and their families • survivors, and

Acronym/Term	Definition
	• others who are eligible
	There are differences in how prescriptions for TRICARE beneficiaries are processed versus how prescriptions are processed for veterans.
TIU	Text Integration Utilities; a package for document handling, that includes Consults, Discharge summary, and Progress Notes, and will later add other document types such as surgical pathology reports. TIU components can be accessed for individual patients through the CPRS, or for multiple patients through the TIU interface.
Titration	Titration is the process of gradually adjusting the dose of a medication until optimal results are reached.
Units per Dose	The number of Units (tablets, capsules, etc.) to be dispensed as a Dose for an order. Fractional numbers will be accepted for medications that can be split.
VistA	Acronym for Veterans Health Information Systems and Technology Architecture, the new name for Decentralized Hospital Computer Program (DHCP).
Wait Time	This is the amount of time it took to fill the prescription. It is the difference between Time In and Time Out. For orders with more than one prescription, the wait time is the same for each.

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