



# **OUTPATIENT PHARMACY (PSO)**

## **MANAGER'S USER MANUAL**

Version 7.0  
December 1997

(Revised October 2011)



## Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists “All,” replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

Date	Revised Pages	Patch Number	Description
10/2011	i-ii, <a href="#">v-xi</a> , <a href="#">6</a> , <a href="#">9</a> , <a href="#">12</a> , <a href="#">105</a> , <a href="#">135</a> , <a href="#">137</a> , <a href="#">147</a> , <a href="#">149</a> , <a href="#">178</a> , <a href="#">205</a> , <a href="#">207</a> - <a href="#">210</a> , <a href="#">212</a> , <a href="#">215</a> - <a href="#">216b</a> , <a href="#">217-218b</a> , <a href="#">219-220</a> , <a href="#">223</a> - <a href="#">225</a> , <a href="#">227-233b</a> , <a href="#">234-238</a> , <a href="#">240</a> - <a href="#">244</a> , <a href="#">297</a> , <a href="#">299</a> - <a href="#">301</a>	PSO*7*359	Added new action View Additional Reject Info (ARI) Expanded ECME Numbers to twelve digits Updated screen shots related to patch changes Added TRICARE to Glossary Corrected typos Corrected formatting errors from 11/10 reissue (S. Spence, PM; C. Smith, Tech Writer)
09/2011	i, ii, v-xii, 85a-85f	PSO*7*382	Added information regarding the new [PSO HRC PROFILE/REFILL] option. (N. Goyal, PM; J. Owczarzak, Tech Writer)

Date	Revised Pages	Patch Number	Description
04/2011	i v-xii 7 9 10 62 66 82 83 85  106 116 121-122ddd  132-132r 133 134a-134h 137-138 285-285b 292-292d 292e-292n  292o-292p 292q-292r 293-294  299-302	PSO*7*251	Updated Revision History Updated Table of Contents Added Order Status Add the word “prompt” New OP Hidden Action Added site parameter Added example of site parameter Added codes New example Added information regarding Intervention Menu Hidden Actions Added blank page Added blank page Allergy/ADR Order Checks and Drug-Drug Interaction Enhancements Enhanced Order Checks Added remote order checking note CPRS Order Checks Added Intervention Menu to the screen example Incorporate dosing checks in verification process Incorporate dosing checks in verification process examples Verifying ePharmacy Orders Updated screens for Process Checks and Rx Verification CPRS Order Checks – How They Work Error Messages and Order Check Added API, DATUP, DIF, & FDB to the Glossary, and updated page numbering Updated Index to include Enhanced Drug-Drug Interactions, Duplicate Drug Order Check, Allergy/ADR Order Check Display and CPRS Order Checks, and updated page numbering (G. Tucker, PM, H. Whitney, Developer, S. Heiress and G. Scorca, Tech Writer)
11/10	All	PSO*7*358	Added information regarding TRICARE Active Duty Bypass/Override details (S. Spence, PM; G. Johnson, Tech Writer)

# 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 Veterans Affairs Medical Center (VAMC).

*(This page included for two-sided copying.)*

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# Chapter 1: Introduction

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The Outpatient Pharmacy V. 7.0 package:





- Provides a method for managing the medications given to Veterans who have visited a clinic or who have received prescriptions upon discharge from the hospital.
- Automatically generates prescription labels, and prints refill request forms.
- Medication histories are kept online to permit checks for potential interactions.
- Profiles can be generated to assist the clinician in managing the patient's medication regimen.
- Management reports aid the pharmacy in controlling inventory and costs.

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.

A number of site parameters allow the individual Department of Veterans Affairs Medical Center (VAMC) to customize the package to meet local needs.

## Documentation Conventions

This *Outpatient Pharmacy V. 7.0 Manager'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 <i>Archiving</i> 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): <b>5</b>
<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 <b>Y</b> for Yes or <b>N</b> 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 particular security key to be able to perform the menu option.	 This option requires the security key PSOLOCKCLOZ.

## 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*

### 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.

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## 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 → Patient Information Feb 09, 2006 16:31:03 Page: 1 of 2

Header Area {  
OPPATIENT17, ONE  
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%

List Area (Scrolling region) {  
Disabilities:  
1313 TWIN OAKS LANE  
ANYVILLE HOME PHONE: 555-555-8361  
ALABAMA 12345 CELL PHONE:  
Prescription Mail Delivery: Regular Mail WORK PHONE:

Message Window {  
Allergies  
Verified: PEANUTS,  
+ Enter ?? for more actions

Action Area {  
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.

**Example: Showing more Indicators and Definitions**

**Order Status and CMOP Indicators**

**Allergy Indicator**

**Copay Indicator**

**ePharmacy Indicator**

**Pending Orders**

**Flagged Order**

**Non-VA Meds Orders**

**Return To Stock Indicator**

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		Non-VA Meds on File						
		Last entry on 01/13/01						
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY 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
-----HOLD-----								
8	100001942	ABDOMINAL PAD 7 1/2 X 8 STERILE	1	H	09-28	09-28	5	30
-----NON-VERIFIED-----								
9	100002039\$	BACLOFEN 10MG TABS	30	N	03-14	03-14	5	30
-----PENDING-----								
10	AMPICILLIN 250MG CAP		QTY: 40		ISDT: 05-29		REF: 0	
11	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			
IBUPROFEN 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
- DP Discontinued by provider through CPRS
- DE Discontinued due to edit via backdoor Pharmacy
- DC Discontinued via backdoor Pharmacy

The Status column will also display some additional discontinue type actions performed on the order. The codes and the action they represent are as follows:

- DF Discontinued due to edit by a provider through CPRS
- DD Discontinued due to death
- DA Auto discontinued due to admission



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 Orders:** Any over the counter (OTC) medications, herbal supplements, medications 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			
OPPATIENT16, 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							
#	RX #	DRUG	ISSUE QTY ST	LAST DATE	REF FILL	DAY 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.

## 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.

<b>Action</b>	<b>Description</b>
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 [<] characters.	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.

<b>Action</b>	<b>Description</b>
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 Medication Profile screen and can only be applied to one order at a time.

<b>Action</b>	<b>Description</b>
Activity Logs [AL]	Displays the Activity Logs.
Copy [CO]	Allows the user to copy and edit an order.
DIN	Displays available drug restriction/guideline information for the Dispense Drug and Orderable Item associated with the selected medication order.
Intervention Menu [IN]	Intervention menu allows the 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].



<b>Action</b>	<b>Description</b>
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.
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.

## **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.

<b>Action</b>	<b>Description</b>
Reprint [RP]	Reprints the label.
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 <i>Update Patient Record</i> 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.
View Addtnl Rej Info [ARI]	Displays additional reject information from the payer, if available. This hidden action is available from the Reject Information screen.

## Chapter 3: Using the *Outpatient Pharmacy Manager* Menu

---

This manual describes options available on the *Outpatient Pharmacy Manager* menu. This menu should be assigned to supervisors, package coordinators, and members of the Automated Data Processing (ADP)/Information Resources Management Service (IRMS) staff.

### Example: Accessing the *Outpatient Pharmacy Manager* menu

```
Select OPTION NAME: PSO MANAGER      Outpatient Pharmacy Manager
Outpatient Pharmacy software - Version 7.0
```

The following options are available on the *Outpatient Pharmacy Manager* menu.

- *Archiving...*
- *Autocancel Rx's on Admission*
- *Bingo Board...*
- *Change Label Printer*
- *Clozapine Pharmacy Manager...*
- *Copay Menu...*
- *DUE Supervisor...*
- *Enter/Edit Clinic Sort Groups*
- *External Interface Menu...*
- *Label/Profile Monitor Reprint*
- *Maintenance (Outpatient Pharmacy)...*
- *Medication Profile*
- *Output Reports...*
- *Pharmacy Intervention Menu...*
- *Process Drug/Drug Interactions*
- *Release Medication*
- *Return Medication to Stock*
- *Rx (Prescriptions)...*
- *ScripTalk Main Menu...*
- *Supervisor Functions...*
- *Suspense Functions...*
- *Update Patient Record*
- *Verification...*

## 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.

- *Patient Prescription Processing* [PSO LM BACKDOOR ORDERS]
- *Medication Profile* [PSO P]
- *Rx (Prescriptions)* [PSO RX]
- *Update Patient Record* [PSO PAT]
- *Manual Print of Multi-Rx Forms* [PSO LM MULTI-RX PRINT]
- *ScripTalk Patient Enter/Edit* [PSO SCRIPTALK PATIENT ENROLL]
- *Patient Address Changes Report* [PSO ADDRESS CHANGE REPORT]
- *List Prescriptions Not Mailed* [PSO BAI NOT MAILED]
- *Non-VA Meds Usage Report* [PSO NON-VA MEDS USAGE REPORT]
- *Enter New Patient* [PSO BINGO NEW PATIENT]
- *Action Profile (132 COLUMN PRINTOUT)* [PSO ACTION PROFILE]
- *Poly Pharmacy Report* [PSOPOLY]

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 -
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?
```

## Chapter 4: Using the Archive Menu Option

---

This chapter describes the options on the *Archiving* menu.



This menu is locked with the PSO A PURGE key. The PSO A PURGE key should be assigned to all persons responsible for performing these functions.

### Archiving

#### [PSO ARCHIVE]

The *Archiving* menu is used to build a data warehouse and manage resources by saving prescription data to external storage devices like tape, disk, or CD-ROM and then purging old prescriptions, typically those that have expired more than a year ago.

There are eight options on the *Archiving* menu:

- *Find*
- *Save to Tape*
- *Tape Retrieval*
- *Archive to File*
- *File Retrieval*
- *Purge \*\*> Out of order: Unavailable*
- *List One Patient's Archived Rx's*
- *Print Archived Prescriptions*

### Find

#### [PSO ARCHIVE FIND]

This option identifies prescriptions that have expired or have been canceled before the selected date; the default date given to the user is 360 days ago. As the *Find* option runs, it prints a dot on the screen for each prescription identified.

### Save to Tape

#### [PSO ARCHIVE TAPE SAVE]

The *Save to Tape* option records all information about the archived prescriptions gathered by the *Find* option to magnetic tape. The tape must be opened for variable length records. The first part of the tape holds an index that lists alphabetically all patients for whom prescriptions are recorded on the tape and, for each patient, a list of his or her prescriptions.

## Tape Retrieval

[PSO ARCHIVE TAPE RETRIEVE]

The *Tape Retrieval* option reads information from the tape and prints a summary of all prescriptions for the selected patient. This printed copy should be directed to a printer with 132-column width. Because the retrieval option reads the index first to find the patient, the tape must be rewound before each retrieval. It should be emphasized that this retrieval simply prints the information about the prescriptions. It does not restore this information to the on-line database.

## Archive to File

[PSO ARCHIVE FILE SAVE]

The *Archive to File* option records all information about the archived prescriptions gathered by the *Find* option to a Host File Server (HFS) file. The first part of the file holds an index that alphabetically lists all patients for whom prescriptions are recorded and, for each patient, a list of his or her prescriptions. With the proper file name convention (e.g., ARC0797.TMP, ARC0897.TMP, etc.). These files can be grouped and stored on any medium on the operating system for long-term storage. Subsequently, the file can be deleted from the system, in effect producing a manageable data warehouse and freeing up system resources.



Any file name may be chosen for the archiving file. However, it is suggested that a naming convention be used to group the files for easier retrieval

### Example: Archive to File

```
Select Outpatient Pharmacy Manager Option: ARCHiving
Select Archiving Option: ARCHIve to File

13 Rx'S will be archived. Ok to continue Y/N? NO// YES YES
Do you want a hardcopy of your archived prescriptions? NO// <Enter>

Host File Server Device: [Select Host File Server Device]
HOST FILE NAME: [Enter the unique name for the file.]

Recording information.....
Select Archiving Option:
```

## File Retrieval

### [PSO ARCHIVE FILE RETRIEVE]

This option reads information from the HFS file and prints a summary of all prescriptions for the selected patient. This printed copy should be directed to a printer with 132-column width. It should be emphasized that the file must be copied from the long-term storage medium back onto the system and that this retrieval simply prints the information about the prescriptions. It does not restore this information to the on-line database.

### Example: File Retrieval

```
Select Archiving Option: FILE Retrieval

Host File Server Device: [Select Host File Server Device]
HOST FILE NAME: [Enter the unique name for the file.]

Output Device: [Select Print Device]

Do you want to print the file index? YES
&^NEW
OPPATIENT10,ONE%000987654^4541C,5107A,
OPPATIENT6,ONE%000135790^5269A,
OPPATIENT16,ONE%000246802^4713,
OPPATIENT17,ONE%000123456^628,629,630,631,981B,
OPPATIENT2,ONE%000234567^4778,
OPPATIENT29,ONE%000876543^916A,
OPPATIENT31,ONE%000357901^4631,
OPPATIENT11,ONE%000468024^450,
!

Enter Patient Name : OPPATIENT17,ONE      01-01-09      000123456      NO      NSC
VETERAN

THE FOLLOWING SCRIPTS WERE ARCHIVED FOR :

OPPATIENT17,ONE (000123456) - 628,629,630,631,981B,

OPPATIENT17,ONE                                ID#: 000123456      ELIG:
456 STREET                                      DOB: 08-30-1948
PHONE: 5556789
CARBON HILL
ALABAMA 32423
CANNOT USE SAFETY CAPS.
DISABILITIES:

REACTIONS: UNKNOWN
```

-----report continues-----

**Example: File Retrieval (continued)**

```

                                RX RETRIEVAL FOR OPPATIENT17,ONE
07/17/07  PAGE 1

Rx: 628  DRUG: ACETAMINOPHEN W/CODEINE 15MG TAB          TRADE NAME: QTY: 90
30 DAY SUPPLY
    SIG: T1 TAB 23D PRN
    LATEST: JUN 8,2007          # OF REFILLS: 5  REMAINING: 5  PROVIDER:
OPPROVIDER30,TWO
    ISSUED: JUN 8,2007          CLINIC: DR. ALBANY          DIVISION:
GENERAL HOSPITAL
    LOGGED: JUN 8,2007          ROUTING: Window          CLERK CODE:
OPCLERK2,FOUR
    EXPIRES:                    CAP: NON-SAFETY          STATUS:
Active
    FILLED: JUN 8,2007  PHARMACIST:          VERIFYING PHARMACIST:
LOT #:
    NEXT: JUN 28,2007          COPAY TYPE: PSO NSC RX COPAY NEWCOPAY
TRANSACTION #:
    REMARKS: New Order Created due to the editing of Rx # 479

                                RX RETRIEVAL FOR OPPATIENT17,ONE
07/17/07  PAGE 2

Rx: 629          DRUG: ACETAMINOPHEN W/CODEINE 15MG TAB          TRADE NAME:
QTY: 90          30 DAY SUPPLY
    SIG: T1 TAB 23D PRN
    LATEST: JUN 8,2007          # OF REFILLS: 5  REMAINING: 5  PROVIDER:
OPPROVIDER30,TWO
    ISSUED: JUN 8,2007          CLINIC: DR. ALBANY          DIVISION:
GENERAL HOSPITAL
    LOGGED: JUN 8,2007          ROUTING: Window          CLERK CODE:
OPCLERK2,FOUR
    EXPIRES:                    CAP: NON-SAFETY          STATUS:
Active
    FILLED: JUN 8,2007  PHARMACIST:          VERIFYING PHARMACIST:
LOT #:
    NEXT: JUN 28,2007          COPAY TYPE: PSO NSC RX COPAY NEWCOPAY
TRANSACTION #:
    REMARKS: New Order Created due to the editing of Rx # 479

=====
LABEL LOG
#      DATE          REFERENCE  PRINTED BY          COMMENT
=====
1      JUN 8,2007    ORIGINAL   OPCLERK2,FOUR      From RX number 629
=====
```

*[This report has been abbreviated to save space.]*



## Purge \*Temporarily Out of Order\*

[PSO ARCHIVE PURGE]



**NOTE:** This option is inactivated until further notice.

When active, this option deletes all archived prescriptions from the PRESCRIPTION file. On platforms other than PCs, the journaling of the prescription global should be disabled before running this option and then enabled again after the purge is completed.

## List One Patient's Archived Rx's

[PSO ARCHIVE LIST RX'S]

This option displays the basic patient statistics and the prescription numbers and dates of archiving for all archived prescriptions for the selected patient.

```
Select Archiving Option: LIST One Patient's Archived Rx's

Show archived prescriptions for:   OPPATIENT,TEN   OPPATIENT,TEN
YES      SC VETERAN

DEVICE: HOME//  <Enter> GENERIC INCOMING TELNET

OPPATIENT,TEN                ID#:   000-12-3499
4 ABBEY LANE                 DOB:   04-04-1944
LIVERPOOL                   PHONE: 555-5678
NEW YORK 12202               ELIG:  EMPLOYEE

ARCHIVED: 09/10/06 - 100001174,
          01/06/07 - 100001229,100001232,

Please press RETURN to continue
```

## **Print Archived Prescriptions**

[PSOARINDEX]

This option allows the user to print a list of archived prescriptions from the PHARMACY ARCHIVE file.

## Chapter 5: Autocanceling

---

This chapter describes the option for canceling prescriptions for patient who are admitted as inpatients.

### Autocancel Rx's on Admission

#### [PSO AUTOCANCEL1]

Using the *Autocancel Rx's on Admission* option, a job can be tasked every night to cancel the outpatient prescriptions of patients who were admitted three (3) days previous. Enter the desired time to queue the job to run. The time set for the job to run can also be edited with this option. The job should be set to run at a time between 5:30 p.m. and 11:30 p.m. (or as convenient for the site).

Select Outpatient Pharmacy Manager Option: **Autocancel** Rx's on Admission

Edit Option Schedule

Option Name: PSO AUTOCANCEL

Menu Text: Autocancel on Admission

TASK ID: 1090241

---

QUEUED TO RUN AT WHAT TIME: JUN 27,2007@12:02

DEVICE FOR QUEUED JOB OUTPUT:

QUEUED TO RUN ON VOLUME SET:

RESCHEDULING FREQUENCY: 1D

TASK PARAMETERS:

SPECIAL QUEUEING:

---

s	SAVE
n	NEXT PAGE
r	REFRESH

COMMAND:

Press <PF1>H for help      Insert

*(This page included for two-sided copying.)*

## Chapter 6: Using the Bingo Board Menu

---

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

### Bingo Board

#### [PSO BINGO BOARD]

Pharmacy management uses the *Bingo Board* menu to control the bingo board functions. The bingo board notifies a patient that the prescription has been filled. This is accomplished by displaying the patient's name or a number on monitors located in the pharmacy and non-pharmacy (i.e., cafeteria) waiting areas.

The first prompts upon entering Outpatient Pharmacy are to enter the division and label printer. If more than one group has been defined, a prompt to enter a display group will appear. If only one group is defined, it is automatically selected and no prompt appears. If no display group is defined, it is assumed that the site is not set up to run bingo board.

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

- *BM*     *Bingo Board Manager*
- *BU*     *Bingo Board User*

### Bingo Board Manager (BM)

#### [PSO BINGO MANAGER]

The necessary options to set up the bingo board can be accessed through the *Bingo Board Manager* menu. Before data entry can begin, the division must be defined when entering the software package. Divisions are manager defined, but should be consistent with local policies in order to keep the statistical data relevant. At least one division must be defined.

After the division has been defined, the display parameters must be defined through the *Enter/Edit Display* option. The display group is a uniquely defined location where the patient data will be displayed. As with the division parameter, at least one display group must be defined.

Names now display differently on the bingo board. Names and ticket numbers can be displayed alphabetically in one column, and new names to the board will appear in reverse video for a user-defined amount of time. The user enters the time when creating a display group and it is stored in the GROUP DISPLAY file.



IRMS must set up a dedicated device to be used for the bingo board. Only devices with the sub-type C-VT can be entered at the "DISPLAY DEVICE" prompt. A DEC VT-220 with a coaxial output connected to a cable ready TV monitor is all that is needed on the hardware side.

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

- *Enter/Edit Display*
- *Auto-Start Enter/Edit*
- *Print Bingo Board Statistics*
- *Print Bingo Board Wait Time*
- *Purge Bingo Board Data*
- *Start Bingo Board Display*
- *Stop Bingo Board Display*

## Enter/Edit Display

### [PSO BINGO ENTER/EDIT DISPLAY]

This option allows locations where the patient data will be displayed to be uniquely defined. Either a new display group name or the name of an existing group to edit or delete can be entered.

If the name is chosen at the “NAME/TICKET” prompt, the “TICKET #” prompt will not appear when a new patient is entered in the *Enter New Patient* option.

The display cannot be changed from name to ticket when patients are already in the Group Display. All patients must be purged using the *Purge Bingo Board Data* option for that Group Display. After the data is purged, the NAME/TICKET field must be edited using this option. Then the patient can be re-entered and ticket numbers assigned.

#### Example: Enter/Edit Display

```
Select Bingo Board Manager Option: Enter/Edit Display

Select GROUP DISPLAY NAME: MAIN
  Are you adding 'MAIN' as a new GROUP DISPLAY (the 3RD)? Y (Yes)

NAME: MAIN// <Enter> [The name of the Display Group.]
NAME/TICKET: NAME NAME [Select either Name or Ticket # to display.]
MESSAGE:
  1>WEST CLINIC VAMC
  2>[This is a free text field. The message will appear on the screen for the users to view.]
EDIT Option: <Enter>
TWO COLUMN DISPLAY: Y YES [Display names/ticket #'s in one or two column.]
DISPLAY WAIT TIME: Y YES [Average display waiting time.]
NORMAL WAIT TIME: 10 [Normal wait time (in minutes) is entered by the site.]
DISPLAY SETUP HELP TEXT: Y YES

In order to automatically start and stop the bingo board monitor,
a dedicated device must be setup by your IRM Service

Once a dedicated device is setup, the bingo board can be scheduled
to automatically start and/or stop at user-defined times.
```

-----example continues-----

### Example: Enter/Edit Display (continued)

```
Enter 'NO' at the DISPLAY SETUP HELP TEXT prompt to not display this help text.

DISPLAY DEVICE: ? [Device dedicated by IRMS for bingo board setup.]
    Only devices with Sub-type starting with "C-VT" are allowed.
    Answer with DEVICE NAME, or LOCAL SYNONYM, or $I, or VOLUME SET(CPU), or SIGN-
    ON/SYSTEM DEVICE, or FORM CURRENTLY MOUNTED
DISPLAY DEVICE: [Select print device.]
AUTO-START DISPLAY DEVICE: Y YES [Sets the display group to automatically start.]
Do you want to initialize auto-start now? NO// Y YES
Enter Start Time: ?

Enter time as HH:MM in 12 hour format (For example, '8:00' or '8:00AM').

Enter Start Time: 9:30am [Start time for the display group.]
Enter Stop Time: 4:00pm [Stop time for the display group.]
```



A time that is at least two minutes in the future must be entered at the “QUEUED TO RUN AT WHAT TIME” prompt.

The software will convert it to today's date with the time entered. For example, to queue it to run later today and the current time is 8:00am, a time like 9:30am can be entered. It will default to today's date. To queue for tomorrow, enter a time like **T+1@00:00am/pm**. For example, to queue it for 8:30am and the current time is 3:00pm, **T+1(or tomorrow's date)@8:30am** must be entered.



If the local Outpatient Pharmacy only runs Monday-Friday, enter **D@00:00am/pm** (with D representing "Days of the Week") at the “RESCHEDULING FREQUENCY” prompt. For example, to queue it to run at 7:45am Monday through Friday, enter **D@7:45am**.

### Auto-Start Enter/Edit [PSO BINGO INITIALIZE]

This option is used to change the start and stop times of the display groups that have been set up to automatically start and/or stop each day. The scheduling time and frequency can also be changed using this option.

#### Example: Auto-Start Enter/Edit

```
Select Bingo Board Manager Option: Auto-Start Enter/Edit

You want to edit Display Group(s) Start/Stop times? NO// Y YES
Select GROUP DISPLAY NAME: MAIN
Enter Start Time: 3:00AM// <Enter>
Enter Stop Time: 4:00PM// <Enter>

Select GROUP DISPLAY NAME:
```

See the *Enter/Edit Display* option for an example of the auto-start screen.

### Print Bingo Board Statistics [PSO BINGO REPORT PRINT]

The Bingo Board Report includes totals on number of patients, waiting time, and average waiting time.

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## Print Bingo Board Wait Time

### [PSO BINGO REPORT WAIT TIME]

This option allows a report to be printed that sorts the entries in the PATIENT NOTIFICATION (Rx READY) file by Display Group, then Wait Time. This report can be used to keep track of the bingo board activity for a given day. To keep a permanent record of this activity, this report can be printed each day, preferably at the end of the day. The following are definitions of the items found on this report.

Field	Description
Name	The name of the patient. For a patient with multiple entries, his/her name is printed only once.
Time In	The time that the patient's name was entered in the computer.
Time Out	The time that the patient's name was entered on the bingo board monitor.
Rx#	The prescription number.
Wait Time	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.
Display	The Display Group that the entries were entered under. Multiple site hospitals may have multiple display groups set up to coincide with each site.
Total	A summation of all the Wait Times in the PATIENT NOTIFICATION (Rx READY) file. It includes the wait time of the patients with multiple entries. For example, if it took 3 minutes to fill each of the three prescriptions for OPPATIENT23,ONE, the Total function sums up the Wait Time as though it took 9 minutes.
Count	The number of Wait Time entries. It counts the number of wait time entries for each prescription, not each patient.
Mean	The average or middle value of the Wait Time range of values.
Minimum	The least Wait Time value in the range.
Maximum	The greatest Wait Time value in the range.
Dev. (Deviation)	A relative number which signifies the overall departure from the average.

If this report is not printed each day, data may be lost because many sites purge the PATIENT NOTIFICATION (Rx READY) file each morning.

### Example: Print Bingo Board Wait Time

```
Select Bingo Board Option: BM Bingo Board Manager

      BINGO BOARD CONTROL PANEL

Select Bingo Board Manager Option: PRINT
  1   Print Bingo Board Statistics
  2   Print Bingo Board Wait Time
CHOOSE 1-2: 2 Print Bingo Board Wait Time
DEVICE: [Select Print Device]

                        (report follows)

BINGO BOARD WAIT TIME PRINTOUT                MAY 21, 2007  15:34    PAGE 1
NAME                                TIME      TIME      Rx#      WAIT
                                IN        OUT
-----
      DISPLAY: WAITING ROOM
OPPATIENT30,ONE                    1503      1504      2004342      1
                                1503      1504      2004343      1
                                1503      1504      2004345      1
                                1509      1512      2004346      3
OPPATIENT14,ONE                    1509      1512      2004350      3
                                1509      1512      2004354      3
OPPATIENT23,ONE                    1509      1512      2002744      3
                                1509      1512      2006376      3
                                1509      1512      2006377      3
OPPATIENT19,ONE                    1524      1527      2002403      3
                                1524      1527      2006034      3
OPPATIENT26,ONE                    1524      1527      2002365      3
                                1524      1527      2002573      3
                                -----
TOTAL                                33
COUNT                             13
MEAN                                3
MINIMUM                             1
MAXIMUM                             3
DEV.                                1
```

### Purge Bingo Board Data

#### [PSO BINGO PURGE]

With this option all entries can be deleted from the PATIENT NOTIFICATION (Rx READY) file.



It is recommended that data be purged each day. However, if data is not purged, it will not affect the accuracy of the bingo board statistics.

If this option is used before the end of the workday, all data will be lost except the statistical data on those prescriptions already picked up.

### Start Bingo Board Display

#### [PSO BINGO START]

The *Start Bingo Board Display* option has been changed so that the bingo board can be started without tying up a terminal or requiring the user who starts it to have multiple sign-on capability. A site parameter has been added to indicate whether a dedicated device has been reserved. If so, the user is prompted to enter the device name. If a dedicated device is set up, the user is able to automatically start or stop the board via TaskMan. The user is also prompted for a Display Group that is saved as a site parameter. This option requires working with local IRMS to complete its setup.

Use this option to start the bingo board display. If there are no prescription entries yet, the message typed in the GROUP DISPLAY will cycle. When the entries begin, the message will be displayed and held for a period of time, then pages of numbers or names will be displayed until all the names have been shown. Then the cycle starts over.



The terminal that executes the option may or may not be the display terminal.

## **Stop Bingo Board Display**

### **[PSO BINGO STOP]**

This option is used to stop the bingo board display. The bingo board can be stopped and started as often as desired. It must be stopped if any changes are made to the display group currently being used. This option can be accessed from any terminal.



When the display is stopped and “Yes” entered at the purge prompt, a second prompt displays and allows either all of the display groups or a specific display group to be selected for purging.

## **Bingo Board User (BU)**

[PSO BINGO USER]

The *Bingo Board User* menu enables use of the bingo board display. The options on this menu allow a patient's name or a number to be displayed, entered, or removed 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 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 also be entered.

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

### **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:" has been added as fixed text to the display screen.

## Remove Patient's Name from Monitor

### [PSO BINGO DELETE PATIENT]

After the patient picks up the prescription, the name or ticket number can be removed 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: OPPATIENT17,ONE      08-30-48      000123456      NO      NSC
VETERAN

      OPPATIENT17,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: OPPROVIDER24,TWO
  Entered By: OPPHARMACIST28,THREE      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 7: 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 8: Controlling the Dispensing of Clozapine

---

This chapter describes the options available through Outpatient Pharmacy for dispensing Clozapine.

### Clozapine Pharmacy Manager

#### [PSOL MANAGER]



This option requires a security key, PSOLOCKCLOZ.

Use this menu to control the dispensing of Clozapine. The following options are available on this menu:

- *Display Lab Tests and Results*
- *Edit Data for a Patient in the Clozapine Program*
- *List of Override Prescriptions*
- *Register Clozapine Patient*

The manufacturer requires this dispensing information for Clozapine patients. All members of the Clozapine treatment team must be entered as users on the local system and must be given this key. All pharmacists who have the ability to override the lockouts in this option must also hold the key. These pharmacists should be identified by the pharmacy service representative of the Clozapine treatment team.

The following step must be taken before a prescription for Clozapine can be entered. If this information is missing, Clozapine prescriptions cannot be entered.

Any physician writing a prescription for Clozapine must have a DEA number or VA number entered in the NEW PERSON file. These can be added through the *Add New Providers* option on the *Supervisor's* menu. This must be done before the prescription is entered. The DEA or VA number cannot be entered during the new prescription entry process. With the release of YS\*5.01\*90, providers must also hold the YSCL AUTHORIZED security key.

When an order is placed, the system checks for the provider's DEA number or VA number first. If the provider does not have either, the following warning displays:

```
Provider must have a DEA# or VA#" to write prescriptions for clozapine
```

If the provider has either the DEA number or the VA number, then the software checks for the assignment of the YSCL AUTHORIZED key. If the provider has a DEA or VA number, but does not hold the YSCL AUTHORIZED key, the following warning displays:

```
Provider must hold YSCL AUTHORIZED key to write prescriptions for clozapine
```

Prescriptions for Clozapine are for 7-day, 14-day, or 28-day supply and allow zero to three refills, depending on patient-defined criteria. For a Clozapine prescription, the total daily dose must be entered. If the prescription is for pills to be taken at intervals, enter a number equal to the pill strength times the number of pills per day. If the prescription is for a dose pack, enter the daily dose specified by the dose pack. This entry should be between 12.5 and 900, in increments of 12.5 mg/day. If it is not, a prompt will display asking for the dosage to be confirmed.

## **Display Lab Tests and Results**

### **[PSOLAB LIST]**

With this option, lab test results for patients receiving Clozapine can be displayed and monitored. This option should be assigned to all appropriate pharmacists. Monitoring lab test results is required by the Circular 10-90-059 regarding patient management protocol for the use of Clozapine and should be run as specified in the circular. Date ranges for prescription fills should be 7, 14, or 28 days and ranges for lab tests should be at least 30 days.

## **Edit Data for a Patient in the Clozapine Program**

### **[PSOL EDIT]**

Use this option to edit data for a patient who has already been enrolled in the Clozapine treatment program. It is typically used to re-register a patient whose treatment has been discontinued and who has rejoined the program.



Local users cannot edit Patient Status within the Clozapine module.

There are two statuses, Pre-Treatment and Active Treatment, that can be selected. Two other statuses, Treatment on Hold and Discontinued, are set by the background job and require the patient to be re-registered.

The Pre-Treatment status is for a registered patient, but who has never received a prescription. If after four weeks (28 days prior to the start date listed for the data collection) the patient does not receive a prescription, the patient status is changed to Discontinued by the background job and the patient must be re-registered.

Patch YS\*5.01\*90 allows for a monthly prescription as well as weekly and bi-weekly. The Active status is for a patient that has had a prescription within the last 7, 14, or 28 days. If the most recent prescription is over 56 days old, the patient status is now automatically discontinued and the patient must be re-registered.



Sex, race, and ZIP Code should be registered for each patient through Medical Administration Service (MAS)/Business Management Office.

## List of Override Prescriptions

### [PSOLIST OVERRIDES]

As described in Circular 10-90-059, a list of the Clozapine prescriptions entered can be generated by overriding the lockout. This option should be assigned to appropriate pharmacists and should be run weekly.

## Register Clozapine Patient

### [PSOL REGISTER PATIENT]

This option is used to register patients authorized to receive Clozapine by VHA's National Clozapine Coordinating Center (NCCC). Data required by manufacturers of the drug Clozapine is entered into the PHARMACY PATIENT file through this option. Patients registered in this program must have a ZIP code, date of birth, race, and sex entered in the PATIENT file.

## Messages for Clozapine Drug Selection

When the Clozapine drug has been selected, the following messages are introduced for dispensing Clozapine according to the scenarios shown in the examples below.



All messages are processed through communication with the Mental Health patch  
YS\*5.01\*90.



The "NEUTROPHIL MATURITY, MEAN (ANC) results" verbiage shown in these examples is for illustration only. This can vary, depending on the site definition for ANC calculation.

### Example 1: Patient not registered (or not eligible) in the Clozapine program

```
Now doing drug interaction and allergy checks.  Please wait...
```

```
Permission to dispense clozapine has been denied. Please contact the  
Director of the VA National Clozapine Coordinating Center  
(Phone: 214-857-0068 Fax: 214-857-0339).
```

### Example 2: Patient discontinued from the Clozapine program

```
Now doing drug interaction and allergy checks.  Please wait...

*** This patient has been discontinued from the clozapine treatment program ***
*** and must have a new registration number assigned ***

Permission to dispense clozapine has been denied. Please contact the
Director of the VA National Clozapine Coordinating Center
(Phone: 214-857-0068 Fax: 214-857-0339).
```

### Example 3: Clozapine Patient with no LAB work in the past 7 days or if labs are available which have not been entered in VistA, the site will receive the following warning

```
Now doing drug interaction and allergy checks.  Please wait...

Permission to dispense clozapine has been denied. If the results of the latest
Lab Test drawn in the past 7 days show WBC>3000/mm3 and ANC>1500/mm3 and
you wish to dispense outside the FDA and VA protocol WBC/ANC limits, document
your request to Director of the VA National Clozapine Coordinating Center
(Phone: 214-857-0068 Fax: 214-857-0339) for a one-time override permission.

A CBC/Differential including WBC and ANC Must Be Ordered and Monitored on a
Twice weekly basis until the WBC STABILIZES above 3500/mm3 and ANC above
2000/mm3 with no signs of infection.

Also make sure that the LAB tests, WBC and ANC are set up correctly in the
Mental Health package using the CLOZAPINE MULTI TEST LINK option.
```

If the patient has paper documentation to prove laboratory tests were done (for example, outside the VA system) and the results were within accepted limits, the NCCC can authorize a onetime override. After the NCCC has received and approved this documentation, the following message will display.

### Example 4: Onetime override authorized by NCCC

```
Now doing drug interaction and allergy checks.  Please wait...

Permission to dispense clozapine has been authorized by NCCC

Override reason being: NCCC AUTHORIZED

Do you want to override and issue this prescription? N//
```

**Example 5: When the Patient's WBC <3500 (range 3000 to 3500 for overriding)**

```
Now doing drug interaction and allergy checks. Please wait...

*** Most recent WBC and NEUTROPHIL MATURITY, MEAN (ANC) results ***
    performed on JUL 27,2006 are:

    WBC: 3100
    ANC: 1900

*** Last Four WBC and ANC results were:
           WBC      ANC
05/20/2006@14:53      Results: 4900 - 2800
05/27/2006@14:53      Results: 1900 - 2500
06/27/2006@14:53      Results: 3900 - 2500
07/27/2006@15:06      Results: 3100 - 1900

Override reason being: LAST WBC RESULT < 3500
```



Up to four of the last LAB results can be displayed in the message.

**Example 6: When the Patient's WBC is above range but ANC <2000 (range 1500 to 2000 for overriding)**

```
Now doing drug interaction and allergy checks. Please wait...

*** Most recent WBC and NEUTROPHIL MATURITY, MEAN (ANC) results ***
    performed on JUL 26,2006 are:

    WBC: 3900
    ANC: 1900

*** No previous results to display ***

Override reason being: LAST ANC RESULT < 2000

Do you want to override and issue this prescription? N//
```



In Example 6, previous LAB results did not exist.

### Example 7: Patient meets all criteria

Now doing drug interaction and allergy checks. Please wait...

\*\*\* Most recent WBC and NEUTROPHIL MATURITY, MEAN (ANC) results \*\*\*  
performed on JUL 27,2006 are:

WBC: 3900

ANC: 2000

CLOZAPINE dosage (mg/day) ? : (12.5-3000):

## Chapter 9: Handling Copay Charges

---

The copay status of a prescription is determined at the time of entry and re-evaluated every time a fill for that prescription is released. A prescription will be designated as exempt from copay under the following conditions:

- ✓ The drug is marked as a supply item, nutritional supplement or for investigational use.
- ✓ The Rx Patient Status assigned to the prescription is exempt from copayment.
- ✓ The Veteran is copay exempt based on income.
- ✓ The medication prescribed is used in the treatment of:
  - A Service Connected (SC) condition
  - Combat Veteran (CV)
  - Vietnam-era herbicide/Agent Orange (AO) exposure
  - Ionizing Radiation (IR) exposure
  - Southwest Asia Conditions
  - Shipboard Hazard and Defense (SHAD)
  - Military Sexual Trauma (MST)
  - Cancer of the Head and/or Neck (HNC)

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, including no action, automatic copay status reset, or a MailMan message generated detailing missing information required for user follow up.

Once a Veteran meets the designated annual copayment cap, subsequent fills for any prescriptions dispensed will not be charged a copay. Any fills for copay-eligible prescriptions entered after the cap is reached are not billed and are identified as potential charges. If editing the Days Supply of an Rx or returning an Rx fill to stock results in the total copayment of the Veteran to fall below the annual cap, Integrated Billing (IB) software shall initiate a copay charge for any fill that was identified as a potential charge until the annual cap is once again reached.

A user will be prompted to respond to any medication copay exemption questions that apply to the patient when entering a new prescription. Responses entered for the medication copay exemption questions are stored with the prescription and display as default values when an order is renewed, copied, or edited in such a way that a new order is created.

If none of the copay exemptions listed apply, the order is released as a copay prescription with no questions asked. (See “Patient Prescription Processing-New Order Entry,” for a complete order entry example.)

### Example: Entering an Rx for a patient with no applicable medication copay exemptions

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

Rx # 559157          10/23/06
OPPATIENT24,ONE      #30
TAKE ONE TABLET BY MOUTH EVERY DAY

NIACIN (NIASPAN-KOS) 500MG SA TAB
OPPROVIDER,ONE       OPPHARMACIST,ONE
# of Refills: 11
Is this correct? YES//
```

If any medication copay exemptions apply to a patient when entering a new prescription, the applicable questions are displayed for the user to respond “Yes” or “No.” The responses will be used to determine the copay status of the prescription. The prescription fill will not generate a copay charge when released if at least one of the responses is “Yes.” Responses are required.

**Example: An order with medication copay exemptions, but no responses entered**

```
Rx # 3754648          10/24/06
OPPATIENT24,ONE      #30
APPLY SMALL AMOUNT TO AFFECTED AREA TWICE A DAY

HYDROCORTISONE 1% CREAM
OPPROVIDER,ONE      OPPHARMACIST,ONE
# of Refills: 11
    SC Percent: 30%
    Disabilities: NONE STATED

Was treatment for Service Connected condition? NO <Enter>
Was treatment related to Combat? NO <Enter>
Was treatment related to Agent Orange exposure? NO <Enter>
Was treatment related to service in SW Asia? NO <Enter>
Was treatment related to PROJ 112/SHAD? NO <Enter>
Was treatment related to Military Sexual Trauma? NO <Enter>
Was treatment related to Head and/or Neck Cancer? NO <Enter>
Is this correct? YES// <Enter>
```

All Service Connected and Environmental Indicators that apply will be asked regardless of a previously entered “Yes” response. SC will be asked for SC 0-100%, but copay charges will continue to be formulated in the same manner.)

```
Was treatment for a Service Connected condition? NO <Enter>
Was treatment related to Combat? NO <Enter>
Was treatment related to Agent Orange exposure? N// Y
Is this correct? YES//
```

A dollar sign is displayed next to the copay prescription number if the copay status is billable.

**Example: Billable Copay Status**

Medication Profile		Oct 24, 2006@15:14:58		Page:	1 of	1
OPPATIENT24,ONE						
PID: 000-34-5678P		Ht (cm) : _____ ( _____ )				
DOB: DEC 2,1921 (85)		Wt (kg) : _____ ( _____ )				
-----ACTIVE-----						
No Copay Copay	1 559163	FOSINOPRIL NA 20MG TAB	30 A>	10-24	10-24	11 30
	2 559157\$	NIACIN (NIASPAN-KOS) 500MG SA TAB	30 A>	10-23	10-23	11 30
Enter ?? for more actions						
PU	Patient Record Update		NO	New Order		
PI	Patient Information		SO	Select Order		
Select Action: Quit//						



## Copay Menu

### [PSOCP MENU]

Users with access to this menu option can exempt an Rx Patient Status from copayment or CHAMPUS billing, reset a prescription's copay status, cancel some or all charges for a prescription, and enter/edit responses to medication exemption questions prompted at order entry.

The following options are available on the *Copay Menu*:

- *CHAMPUS Billing Exemption*
- *Exempt Rx Patient Status from Copayment*
- *Reset Copay Status/Cancel Charges*

## CHAMPUS Billing Exemption

### [PSOCP CHAMPUS EXEMPTION]

Use this option to select a patient category (Rx Patient Status) to exempt from any CHAMPUS billing.

#### Example: CHAMPUS Billing Exemption

```
Select Copay Menu Option:  CHAMPUS Billing Exemption

Select RX PATIENT STATUS NAME:  ZZPOW

EXEMPT FROM CHAMPUS BILLING: ?
    Answer YES if this Rx Patient status is to be exempt from Champus billing.
    Choose from:
        0          NO
        1          YES
EXEMPT FROM CHAMPUS BILLING:
```

## Exempt Rx Patient Status from Copayment

### [PSOCP EXEMPTION]

This option allows users to exempt an Rx Patient Status from copayment. A prescription assigned an Rx Patient Status that has been set as exempt from copay will not be charged a copay. A warning is displayed describing the consequences of taking this action and then the user is asked to confirm the change.

#### Example: Exempt Rx Patient Status from Copayment

```
Select RX PATIENT STATUS NAME: Inpatient

EXEMPT FROM COPAYMENT: NO// Y YES
                **** WARNING ****
By setting the Exempt from Copayment for the Rx Patient Status of
INPATIENT to 'YES', every prescription entered
with this Rx Patient Status will NOT be charged a Copayment.

A mail message will be sent to PSORPH and PSO COPAY Key holders informing
them of your change.

Are you sure you want to do this? Y// <Enter> ES

Setting INPATIENT Rx Patient Status to Exempt from Copayment.
```

The warning displayed when removing the copay exemption from an Rx Patient Status differs slightly.

#### Example: Warning Message

```
By setting the EXEMPT FROM COPAYMENT for the Rx Patient Status of
OPT NSC to 'NO', prescriptions entered with this Rx
Patient Status from this point on will NOT be exempt from Copayment.
```

A MailMan message is sent to the holders of the PSO COPAY and PSORPH keys whenever the copay exemption status of an Rx Patient Status is changed.

#### Example: MailMan Message

```
Subj: Exempt from Copayment  [#4072] 18 Oct 06 16:29  3 lines
From: OUTPATIENT PHARMACY  In 'IN' basket. Page 1  *New*
-----
The INPATIENT Rx Patient Status has been marked as
Exempt from Copayment by OPPHARMACIST3,THREE.
Every prescription with this Rx Patient Status will not be charged a Copayment.

Enter message action (in IN basket): Ignore//
```

The text differs slightly when the copay exemption is removed.

#### Example: Copay Exemption Removed

```
The Exempt from Copayment status has been removed from the
OPT NSC Rx Patient Status by OPPHARMACIST3,THREE.
Prescriptions entered with this Rx Patient Status will not be exempt from
Copayment.
```

## Reset Copay Status/Cancel Charges

### [PSOCP RESET COPAY STATUS]

This option combines and enhances the functionality of the previous *Remove Copay Charge* and *Reset Copay Status* options. Three basic functions can be performed with this option:

- The prescription's copay status can be reset.
- Responses to the medication exemption questions can be entered or changed.
- All or selected copay charges can be cancelled.

The actions allowed depend on the copay status of the patient and that of the selected prescription. The user needs to know the prescription number to be changed when accessing this option.

### Reset Copay Status

Two methods can be used to change the copay status of a prescription directly. The first method is illustrated below. By entering "Yes" at the "Do you want to reset the status to NO COPAYMENT?" prompt and entering a reason for the reset, the prescription's copay status is changed from COPAY to NO COPAYMENT.

#### Example: Change the Copay Status

```
Select PRESCRIPTION RX #: 559157          NIACIN (NIASPAN-KOS) 500MG SA TAB
Rx # 559157 is a Copay prescription
```

The reset prompt displays only if there are no exemption flags set to 'Yes.'

```
Do you want to reset the status to NO COPAYMENT? N// YES
Select Reason for Reset : ??
```

Choose from:

- |    |                            |
|----|----------------------------|
| 1  | RX REFUSED                 |
| 2  | RX NEVER RECEIVED          |
| 3  | RX RETURNED/DAMAGED (MAIL) |
| 4  | ENTERED IN ERROR           |
| 5  | RX CANCELLED               |
| 6  | INPATIENT/PASS             |
| 7  | INVESTIGATIONAL DRUG       |
| 8  | RX DELETED                 |
| 9  | EMPLOYEE                   |
| 10 | CNH - 3 DAY                |
| 11 | PATIENT DECEASED           |
| 12 | SUPPLY ITEM                |
| 13 | BEDSIDE MEDICATIONS        |
| 14 | ELIGIBILITY INCORRECT      |
| 15 | CHANGE IN ELIGIBILITY      |
| 16 | RX EDITED                  |
| 21 | RX COPAY INCOME EXEMPTION  |
| 33 | AGENT ORANGE RELATED       |
| 34 | IONIZING RAD RELATED       |
| 35 | SOUTHWEST ASIA RELATED     |
| 37 | MILITARY SEXUAL TRAUMA     |
| 38 | COPAY CAP REACHED          |
| 39 | CANCER OF HEAD/NECK        |
| 40 | PHARMACY AUTO CANCELLED    |

### Example: Change the Copay Status (continued)

```
44          COMBAT VETERAN
45          RX FOR FORMER POW
46          RX FOR UNEMPLOYABLE VETERAN
47          KATRINA AFFECTED VETERAN
48          PROJECT 112/SHAD

Select Reason for Reset : 15 CHANGE IN ELIGIBILITY
```

The change is recorded in the Copay Activity Log for this prescription.

### Example: Copay Activity Log

```
Copay Activity Log:
#   Date       Reason                Rx Ref      Initiator Of Activity
=====
1   10/24/06   COPAY RESET                ORIGINAL    OPPROVIDER9,TWO
Comment: CHANGE IN ELIGIBILITY   Old value=Copay   New value=No Copay
```

Resetting the copay status does not involve canceling any incurred copay charges. The new copay status applies to future fills only. Any past charges billed will not be cancelled automatically. The canceling of copay charges is independent of the reset function.

## Enter/Edit Medication Exemption Question Responses

The second way a user can directly reset the copay status of a prescription is to use the *Reset Copay Status/Cancel Charges* option to enter or edit any existing responses to the medication exemption questions displayed during order entry. Only those medication exemptions that apply to the patient for which the prescription is written can be modified. Any existing response to an exemption question displays to the user after entering the prescription number and the user is asked about entering or editing any copay exemption flags.

In the following screen example, *Reset Copay Status*, the <50% SC, Agent Orange (AO) exposure, PROJ 112/SHAD, and Military Sexual Trauma (MST) medication exemptions apply to the Veteran for which Rx# 3754533 has been entered. SC, AO, and SHAD exemption defaults of “No” display because values already exist. The MST exemption does not display because a response has never been entered.

Prompts display for Service Connected and all Environmental Indicators that are flagged for the Veteran in Enrollment.

The user is prompted to respond to “Do you want to enter/edit any copay exemption flags?” If the user responds “Yes”, each medication exemption that applies to the Veteran will be presented for editing. All three medication copay exemptions are presented for editing, including the MST exemption for which a response did not exist. “Yes” is entered for the MST exemption question and a system message indicates that the copay status of the Rx is reset to No Copay by this action.

### Example: Reset Copay Status

```
Select Copay Menu Option: RESET Copay Status/Cancel Charges

Select PRESCRIPTION RX #:      3754533      HYDROCORTISONE 1.0% CREAM

Rx # 3754533 is a Copay prescription <Current copay status of Rx> appears.

The following exemption flags have been set:
SC:   No      <If any exemption flags have values they will be displayed after the copay status
AO:   No

Do you want to enter/edit any copay exemption flags? Y// <Enter> ES

Was treatment for a Service Connected condition? N// <Enter> O

Was treatment related to Agent Orange exposure? N// <Enter> O

Was treatment related to PROJ 112/SHAD? N// <Enter> O

Was treatment related to Military Sexual Trauma?// YES

Editing of exemption flag(s) has resulted in a copay status change.
The status for this Rx will be reset to NO COPAY.

Do you want to cancel any charges(Y/N)? N <This prompt appears only if this Rx has incurred any charges.
```

The Copay Activity Log for this order shows the record of the change.

### Example: Copay Activity Log

Copay Activity Log:				
#	Date	Reason	Rx Ref	Initiator Of Activity
=====				
1	10/24/06	COPAY RESET	Refill 2	OPPROVIDER9,TWO
Comment: MILITARY SEXUAL TRAUMA RELATED Old value=Copay New value=No copay				

#### NOTE

The copay status of an Rx will not be reset from a “No” Copay to Copay status based strictly on a response to a medication exemption question.

## Cancel Charges

A user can select to remove all or specific charges for a prescription fill. If the user chooses to cancel a specific charge, a list of fills/refills is displayed showing the fill reference and release date. Any charge that has already been cancelled or any fill that has not been billed due to the Veteran meeting the annual copay cap will be identified.

### Example: Cancel Copay Charges

```
Do you want to cancel any charges (Y/N)? Y <This prompt appears only if this
Rx has incurred any charges.

(A)ll or (S)elect Charges? (A/S): S
1. Original fill      (05/01/06)
2. Refill #1         (6/10/06)
3. Refill #2         (7/12/06)      (Charge Cancelled)
4. Refill #3         (8/15/06)
5. Refill #4         (9/23/06)      (Potential Charge *)

* Potential charge indicates fill was not billed due to the annual cap.
If cancelled, this fill will not be considered for future copay billing.

Select 1:-5: 5

Do you wish to continue (Y/N)? Y
```

Typing a “??” at the “Select Reason for Reset or Charge Cancellation” prompt lists the same reasons displayed previously in the “Reset Copay Status” section. Once the reason for the change is entered, a summary of all the actions taken on the prescription is displayed.

### Example: Summary of Actions

```
Editing of exemption flag(s) has resulted in a copay status change.
The status for this Rx will be reset to NO COPAY.

Select Reason for Reset or Charge Cancellation : 1  RX REFUSED
Copay status reset due to exemption flag(s)

The following exemption flags have been changed:
EC: Yes
MST: Yes
Rx # 3754533 - Refill 3 copay charge cancelled

Select PRESCRIPTION RX #:
```

The Copay Activity Log shows the canceled charge as REMOVE COPAY CHARGE.

### Example: Copay Activity Log

Copay Activity Log:				
#	Date	Reason	Rx Ref	Initiator Of Activity
1	11/02/06	REMOVE COPAY CHARGE	Refill 3	OPPROVIDER9,TWO
Comment: RX REFUSED				

## Potential Charges and Partial Charges

In this example, the prescription is for a 90-day supply. When Refill #2 was released, the Veteran met his annual copay cap and the fill was not billed. An entry is made in the Copay Activity Log to document when a prescription fill is not billed due to the annual copay cap. A fill is identified as a potential charge when NO BILLING was performed.

Example: Copay Activity Log for No Bill

Rx Activity Log		Oct 23, 2006 @13:53:02		Page:	1 of 1
OPPATIENT9,ONE					
PID: 000-76-5432P		Ht (cm): 169.55 (03/06/2006)			
DOB: NOV 18,1950 (55)		Wt (kg): 125.45 (03/06/2006)			
Rx #: 459166		Original Fill Released: 03/12/06			
Routing: Mail		Finished by: OPPHARMACIST27,THREE			
Copay Activity Log:					
#	Date	Reason	Rx Ref	Initiator Of Activity	
=====					
1	10/23/06	ANNUAL CAP REACHED	REFILL 2	OPPHARMACIST15,THREE	
Comment: NO BILLING FOR THIS FILL					

The list of fills associated with this order, as seen in the *Reset Copay Status/Cancel Charges* option, would show Refill #2 as a Potential Charge.

### Example: Reset Copay Status/Cancel Charges for Potential Charge

1. Original fill	(03/06/06)	
2. Refill #1	(05/24/06)	
3. Refill #2	(10/23/06)	(Potential Charge *)
* Potential charge indicates fill was not billed due to the annual cap.		
If cancelled, this fill will not be considered for future copay billing.		

If the same Refill #2 is released and the Veteran reaches the annual copay cap after the first 30 days of the 90-day supply is billed, the Copay Activity Log will indicate that the Veteran was partially billed due to the annual cap.

### Example: Copay Activity Log

Copay Activity Log:				
#	Date	Reason	Rx Ref	Initiator Of Activity
=====				
1	10/26/06	ANNUAL CAP REACHED	REFILL 2	OPPHARMACIST15,THREE
Comment: PARTIAL BILLING FOR THIS FILL				

Refill #2 will not be identified as having a potential charge because partial billing was done.

### Example: Reset Copay Status/Cancel Charges for Partial Charge

1. Original fill	(03/06/06)	
2. Refill #1	(05/24/06)	
3. Refill #2	(10/23/06)	

If Refill #2 is cancelled, the partial charge (for 30 day supply) is cancelled and the remaining 60-day supply that was not charged is removed from consideration for future copay billing. Only one entry is entered in the Copay Activity Log.

#### Example: Copay Activity Log

Copay Activity Log:				
#	Date	Reason	Rx Ref	Initiator Of Activity
1	10/26/06	ANNUAL CAP REACHED	REFILL 2	OPPHARMACIST15,THREE
		Comment: PARTIAL BILLING FOR THIS FILL		
2	10/29/06	REMOVE COPAY CHARGE	REFILL 2	OPPHARMACIST15,THREE
		Comment: RX REFUSED		

Once a potential charge has been cancelled, it will be dropped from the list of incurred charges that are displayed.

### IB-initiated Medication Copay Charge

There are times when the medication copay status of a prescription can be changed by a background process. In this example, another prescription for the same Veteran was returned to stock, dropping copayments below the annual cap. Integrated Billing (IB) goes through all of the prescriptions looking for any that were not billed a copay because the annual cap was reached. IB initiates a copay charge against any such prescriptions that are found until the copay cap is again reached.

#### Example: An IB-initiated Medication Copay Charge

Rx Activity Log		Nov 05, 2006@17:18		Page:	1 of 1
OPPATIENT9,ONE					
PID: 000-76-5432P		Ht(cm): 169.55 (03/06/2006)			
DOB: NOV 18,1950 (55)		Wt(kg): 125.45 (03/06/2006)			
Rx #: 3754328 Original Fill Released: 10/09/06					
Routing: Window		Finished by: OPPHARMACIST1,THREE			
Copay Activity Log:					
#	Date	Reason	Rx Ref	Initiator Of Activity	
=====					
1	10/09/06	ANNUAL CAP REACHED	ORIGINAL	OPPHARMACIST1,THREE	
Comment: NO BILLING FOR THIS FILL					
2	10/09/06	IB-INITIATED COPAY	ORIGINAL	OPPHARMACIST1,THREE	
Comment: FULL CHARGE					



## Chapter 10: Evaluating Drug Usage

---

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

### **DUE Supervisor**

#### **[PSOD SUPERVISOR]**

This menu provides options to create a questionnaire based on the criteria of a Drug Usage Evaluation and print an answer sheet for the provider's use in answering the questionnaire. The answer sheet can be printed and distributed to the clinic so that the provider may complete it when ordering a medication being evaluated. An answer sheet can also be generated (optional) when a patient's Action Profile prints, if the profile contains a medication being evaluated. The provider's responses can be entered into the DUE ANSWER SHEET file.

The following options are available on the *DUE Supervisor* menu:

- 1 *Enter a New Answer sheet*
- 2 *Edit an Existing Answer Sheet*
- 3 *Create/Edit a Questionnaire*
- 4 *Batch Print Questionnaires*
- 5 *DUE Report*

### **Enter a New Answer Sheet**

#### **[PSOD CREATE ANSWER SHEET]**

In this option, the user enters answers to a DUE Questionnaire. 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.

## Create/Edit a Questionnaire

### [PSOD DUE BUILD QUESTIONNAIRE]

To create a questionnaire, first select one or more drugs being evaluated. After selecting the drugs, create a set of questions to be used on the questionnaire. These questions do not have to be added to the DUE QUESTION file since they are being added through this option. The questionnaire must be marked as “Active” and “Active for Profiles” for the Answer Sheet to automatically print with the Action Profiles. A summary can be printed for the questionnaire using the *DUE Report* option. For this reason, when creating a questionnaire, the user should strive to make each question a yes, no, or unknown type question. Questions having a free text or numeric type answer are ignored in the summary.



The PRINT DUE QUESTIONNAIRE site parameter needs to be set to “YES” for the questionnaire to print with the Action Profile.

## 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.

## DUE Report

### [PSOD DUE SORT AND PRINT]

This report displays entries from the DUE ANSWER SHEET file. A summary of this report is available, showing the number of answer sheets, number of questionnaires, and a breakdown of all yes/no/unknown type questions. This breakdown shows each question number and the number of times it was answered yes/no/unknown, or unanswered. For this reason, when creating a questionnaire, the user should strive to make each question a yes, no, or unknown type question. Questions having a free text or numeric type answer are ignored in the summary.

# Chapter 11: Enter/Edit Clinic Sort Groups

---

This chapter describes the *Enter/Edit Clinic Sort Groups* option.

## Enter/Edit Clinic Sort Groups [PSO SETUP CLINIC GROUPS]

This option enables the user to identify a group of clinics that will print together for the action/informational profiles.

### Example: Enter/Edit Clinic Sort Groups

```
Select Pharmacist Menu Option: ENTER/Edit Clinic Sort Groups

Select Clinic Sort Group: ?
  Answer with OUTPATIENT CLINIC SORT GROUP NAME
Choose from:
  CLINIC 1
  CLINIC 2

  You may enter a new OUTPATIENT CLINIC SORT GROUP, if you wish
  Answer must be 3-30 characters in length.
Select Clinic Sort Group: CLINIC 3
  Are you adding 'CLINIC 3' as
    a new OUTPATIENT CLINIC SORT GROUP (the 6TH)? Y  <Enter> (Yes)
NAME: CLINIC 3// <Enter>
Select SORT GROUPS: ?
  Answer with SORT GROUP SORT GROUPS
  You may enter a new SORT GROUP, if you wish
  Enter name of clinic to be included in the sort group.
  Answer with HOSPITAL LOCATION NAME, or ABBREVIATION
  Do you want the entire 122-Entry HOSPITAL LOCATION List? N (No)
Select SORT GROUPS: 2 EAST
  Are you adding '2 EAST' as a new SORT GROUP (the 1ST for this OUTPATIENT
  CLINIC SORT GROUP)? Y (Yes)
Select SORT GROUPS: <Enter>
```

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## Chapter 12: External Interface Menu

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This chapter describes the options on the *External Interface Menu*.



This menu is locked with the PSOINTERFACE lock. The PSOINTERFACE key should be assigned to all persons responsible for performing these functions.

### External Interface Menu

#### [PSO EXTERNAL INTERFACE]

This menu contains the following options for using an external interface device.

- *Purge External Batches*
- *Reprint External Batches*
- *View External Batches*

### Purge External Batches

#### [PSO INTERFACE PURGE]

This option purges entries from the PHARMACY EXTERNAL INTERFACE file.

#### Example: Purge External Batches

```
Select External Interface Menu Option: Purge External Batches
Enter cutoff date for purge of External Interface file: 022807 (FEB 28, 2007)

Purge entries that were not successfully processed? NO// <Enter>

Purge queued to run in background.

Select External Interface Menu Option:
```

## Reprint External Batches

### [PSO INTERFACE REPRINT]

This option enables the reprinting of labels for batches of prescriptions that have been sent to the external interface.

#### Example: Reprint External Batches

```
Select External Interface Menu Option: Reprint External Batches

Enter a date/time range to see all batches sent to the External Interface.

Start date/time: 022807 (FEB 28, 2007)

End date/time: 030707 (MAR 07, 2007)

Gathering batches, please wait...

  BATCH      QUEUED TO PRINT ON:      PATIENT:      ALBANY
-----
  1      FEB 28,2007@08:06:14      OPPATIENT12,ONE
  2      FEB 28,2007@08:10:56      OPPATIENT12,ONE
  3      FEB 28,2007@08:19:20      OPPATIENT22,ONE
  4      FEB 28,2007@08:38:17      OPPATIENT28,ONE
  5      FEB 28,2007@08:50:32      OPPATIENT9,ONE
  6      FEB 28,2007@09:15:35      OPPATIENT9,ONE
  7      FEB 28,2007@09:33:48      OPPATIENT18,ONE
  8      FEB 28,2007@09:39:31      OPPATIENT1,ONE
  9      FEB 28,2007@10:36:51      OPPATIENT10,ONE
 10      FEB 28,2007@13:37:24      OPPATIENT4,ONE
 11      FEB 28,2007@13:46:07      OPPATIENT8,ONE

Select Batch(s) to reprint: (1-11): 5,6

Batches selected for Reprint are:

Batch 5 Queued for FEB 28,2007@08:50:32 by OPPHARMACIST4,THREE
Batch 6 Queued for FEB 28,2007@09:15:35 by OPPHARMACIST4,THREE

Before Reprinting, would you like a list of these prescriptions? N// <Enter> O

Are you sure you want to Reprint labels? Y// <Enter> YES..

Select LABEL DEVICE: [Select Print Device]

LABEL(S) QUEUED TO PRINT!

Select External Interface Menu Option:
```

## View External Batches

### [PSOINTERFACE VIEW]

With this option the user can view batches of prescriptions that have printed from the external interface.

#### Example: View External Batches

```
Select External Interface Menu Option: View External Batches

Enter a date/time range to see all batches sent to the External Interface.

Start date/time: 022807 (FEB 28, 2007)

End date/time: 030707 (MAR 07, 2007)

Gathering batches, please wait...
```

BATCH	QUEUED TO PRINT ON:	PATIENT:	BROWNS PLACE
1	FEB 28,2007@08:06:14	OPPATIENT12,ONE	
2	FEB 28,2007@08:10:56	OPPATIENT12,ONE	
3	FEB 28,2007@08:19:20	OPPATIENT22,ONE	
4	FEB 28,2007@08:38:17	OPPATIENT28,ONE	
5	FEB 28,2007@08:50:32	OPPATIENT9,ONE	
6	FEB 28,2007@09:15:35	OPPATIENT9,ONE	
7	FEB 28,2007@09:33:48	OPPATIENT18,ONE	
8	FEB 28,2007@09:39:31	OPPATIENT1,ONE	
9	FEB 28,2007@10:36:51	OPPATIENT10,ONE	
10	FEB 28,2007@13:37:24	OPPATIENT4,ONE	
11	FEB 28,2007@13:46:07	OPPATIENT8,ONE	

Select Batch(s) to reprint: (1-11): **5,6**

Batches selected for Viewing are:

Batch 5 Queued for FEB 28,2007@08:50:32 by OPPHARMACIST4,THREE

Batch 6 Queued for FEB 28,2007@09:15:35 by OPPHARMACIST4,THREE

Print list to the screen or to a printer: (S/P): Screen// **<Enter>**

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

RX #	NAME -> OPPATIENT9,ONE	BATCH 5
2820	NADOLOL 40MG TAB	ACTIVE

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

RX #	NAME -> OPPATIENT9,ONE	BATCH 6
2821	MICONAZOLE NITRATE 2% LOT 60ML	ACTIVE
END OF LIST		

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## Chapter 13: Label/Profile Monitor Reprint

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This mini-chapter defines the option for handling printer malfunctions.

### Label Profile Monitor Reprint

[PSO B]

When a printer malfunction occurs, up to 1000 (or more depending on the Label Profile Monitor Max site parameter) damaged labels or profiles can be reprinted. Enter the failed output device name and the last usable label or profile.

## Chapter 14: Implementing and Maintaining Outpatient Pharmacy

---

### Maintenance (Outpatient Pharmacy)

[PSO MAINTENANCE]

The *Maintenance (Outpatient Pharmacy)* menu contains the options that are used for implementing and maintaining the Outpatient Pharmacy software. These options are:

- *Site Parameter Enter/Edit*
- *Edit Provider*
- *Add New Providers*
- *Queue Background Jobs*
- *Autocancel Rx's on Admission*
- *Bingo Board Manager ...*
- *Edit Data for a Patient in the Clozapine Program*
- *Enter/Edit Clinic Sort Groups*
- *Initialize Rx Cost Statistics*
- *Edit Pharmacy Intervention*
- *Delete Intervention*
- *Auto-delete from Suspense*
- *Delete a Prescription*
- *Expire Prescriptions*
- *Manual Auto Expire Rxs*
- *Prescription Cost Update*
- *Purge Drug Cost Data*
- *Purge External Batches*
- *Recompile AMIS Data*

## Site Parameter Enter/Edit

### [PSO SITE PARAMETERS]

This option is used to establish and edit parameters for the Outpatient Pharmacy software application. The following table lists each parameter and its corresponding description. These fields are contained in either the OUTPATIENT SITE file or the PHARMACY SYSTEM file.

Site Parameter	Description
NAME	This field contains the name of the site.
MAILING FRANK STREET ADDRESS	This field is used for the address of the outpatient site.
AREA CODE	This field is used for the area code of the outpatient site.
PHONE NUMBER	This field is used for the telephone number of the outpatient site.
MAILING FRANK ZIP+4 CODE	This field is used for the zip code of the outpatient site. This field will allow zip+4 format (excluding the "-")
SITE NUMBER	This field is used to show the site/station number.
NCPDP NUMBER	This field is the site-specific National Council for Prescription Drug Programs number (NCPDP), formerly referred to as the National Association of Boards of Pharmacy Number (NABP).
MAILING FRANK CITY	This field is used for the city in which the outpatient site is located.
MAILING FRANK STATE	This field is used to show the state in which the outpatient site resides.
MAILING COMMENTS	This field will be printed on the laser labels mailing address label. It can contain anything the site deems appropriate (i.e. whether mailing is "Forwarding service requested" or "Address service requested", etc.)
INACTIVE DATE	This date will indicate that the Outpatient Site is no longer active, and cannot be selected through the Outpatient Pharmacy options.
HOLD FUNCTION?	This site parameter is used to determine if the 'Hold' function will be used at the medical facility.
SUSPENSE FUNCTION?	This site parameter will be used to determine if the 'Suspense' feature will be used at the medical facility.
CANCEL DRUG IN SAME CLASS	Prescriptions with duplicate classes can only be discontinued if this site parameter is set to 'Yes' and if the Rx has not been put on hold through CPRS.
REFILL INACTIVE DRUG RXS	This will be used to determine if inactive drugs will be used to refill active prescriptions.
ASK METHOD OF PICKUP	This field will be used to determine if method of pickup will be asked for window prescriptions.
PASS MEDS ON PROFILE	This field is used to determine if pass medication within specified date range will be listed on profiles.
PROFILE 'SORT BY' DEFAULT	This field will be used to determine the sort order of medications on profiles.
COPIES ON NEW	This field will be used to determine the number of copies for labels to print.

Site Parameter	Description
DRUG CHECK FOR CLERK	This field is used to determine if the duplicate drug warnings should be shown for non-pharmacist.
FEE BASIS SUPPORT	This field is used to determine if fee basis prescriptions are processed.
MULTI RX REQUEST FORM	This field is used to determine if the multiple prescription request forms are printed with medication labels.
BARCODES ON REQUEST FORMS	This field is used to determine if barcodes are printed on profiles, labels, and multi request forms.
BARCODES ON ACTION PROFILES	This field is used to indicate if barcodes are to print with the action profiles. The printer used must be setup or have barcode capabilities for the barcodes to print. Contact IRM to help determine which printers have barcode capabilities.
VERIFICATION	This field is used to determine if prescriptions entered by a non-pharmacist are placed in a non-verified status.
DISPLAY GROUP	This field is used to determine which bingo board display screen will be shown on the waiting room monitor.
SCREEN PROFILES	This field is used to determine if profiles are displayed when refilling and renewing medications.
EDIT PATIENT DATA	This field is used to determine if editing of patient data will be allowed.
EDIT DRUG	This field will be used to determine if drugs can be changed during prescription edit.
RENEWING RX'S ALLOWED	This field will be used to determine if renewing of medications will be allowed.
PASS MEDS CANCEL	This field is used to determine if pass medications are to be cancelled.
AUTO SUSPEND	This field is used to determine if medication that is refilled or renewed before the next possible fill date is to be placed in suspense automatically.
SHALL COMPUTER ASSIGN RX #S	This field is used to determine if the computer will auto generate prescription numbers.
PROFILE WITH NEW PRESCRIPTIONS	This field is used to determine if medication profiles are printed when new medication is ordered.
SLAVED LABEL PRINTING	<p>This field will be used to allow printing of RX labels without being able to queue to a printer.</p> <p>This parameter is primarily for slaved printing of RX labels. If 'yes' is the answer the prompt or action to be taken on the label will include the '/PRINT' action.</p>
METHADONE PROGRAM	This field will be used to determine if the site has a methadone program and if a particular drug should be prompted for.
METHADONE DRUG	This field will be used to show what drug is being used if the site has a methadone program.
DAYS TO PULL FROM SUSPENSE	This field will be used to pull a patient's medication from suspense for a specified number of days. The day range is from 0 to 10.
DAYS TO PULL SUSPENDED CS CMOP	This field will be used to pull a patient's controlled substances from suspense for CMOP medications for a specified number of days. The range is between 0 and 10.

Site Parameter	Description
RECENTLY DC'D/EXPIRED DAYS	Allow local facilities to set a timeframe (7-45 days) for which a discontinued or expired outpatient medication order will be identified as 'recently discontinued/expired'. Default value is 7 days.
NEW LABEL STOCK	This field will be used to determine which medication label stock will be used.
EXTERNAL INTERFACE	This field allows sites to alter the characteristics of the external interface. The Set of Codes field have the following values:  0 - the external interface is off 1 - send all drugs to the external interface; print labels locally 2 - send all drugs to the external interface; don't print labels locally 3 - send only marked drugs to the external interface; don't print labels locally 4 - send only marked drugs to external interface and print labels through VistA.
DISPENSING SYSTEM PRINTER	This field identifies the name of the printer(s) that, when selected, and the interface is in use, an HL7 message is generated to the dispensing system.
BLANK LABEL BETWEEN PATIENTS	This field will determine if a blank label should print between patients on the label printers.
VERIFYING PHARMACIST ON LABELS	This site parameter will determine if the name of the verifying pharmacist or the name of the person who made the order request will print on the Rx label. If the parameter is set to Yes the verifying pharmacist name will print.
AUTOMATED DISPENSE	This field will determine what version of the automated dispense machine this site is running. If the machine is older than HL7 V.2.4, enter letter O, if HL7 V.2.4 has been installed, enter 2.4.
FILE RELEASE DATE/TIME	This field is used to indicate if the release date/time is to be filed for the prescription dispensed by an external interface.
ENABLE MASTER FILE UPDATE	This field will determine if the automated dispense machines are ready to receive HL7 V.2.4 messages.
DISPENSE DNS NAME	This is the DNS computer name of the automated dispensing machine that is used for this outpatient site division.
DISPENSE DNS PORT	Enter the DNS port number associated with the automated dispense machine for this outpatient pharmacy site division.

The CPRS ORDERING INSTITUTION field in the OUTPATIENT SITE file allows multiple Institutions to be entered for the local site. If more than one Institution is entered for a site, the user can select the appropriate Institution when using the *Complete Orders from OERR* option and complete Pending Orders from clinics that are associated with the specific Institution selected.

Site Parameter	Description
CPRS ORDERING INSTITUTION	This field is used when completing orders from CPRS. If there is only one Institution entry, then when completing orders from CPRS under this Outpatient site, only those orders from that Institution will be shown. If there is more than one entry, then the Institution will be prompted for when completing orders from CPRS, and only those orders associated with that Institution selected will be shown.
RELATED INSTITUTION	Institution associated with the site.
LOGICAL LINK	This is a pointer to the Logical Link file (#870). This link is used to transmit messages to an external (client) application. This field is not filled in when messages are exchanged between DHCP applications on the same system. This field will be used as the Logical Link for the prescription if there is a Clinic associated with the prescription, and the Institution derived from that Clinic has an entry in this CPRS ORDERING INSTITUTION multiple with an associated Logical Link.
NPI INSTITUTION	This is the institution or division that has the National Provider Identifier (NPI) value for this Outpatient Site. No two Outpatient Site entries in this file should point to the same INSTITUTION file entry. (Note that the RELATED INSTITUTION field differs from this field and is the parent institution which may be the same for any or all of the Outpatient Site entries.)
LABEL/PROFILE MONITOR MAX	Maximum number of label/profiles to be stored in the Label/Profile Monitor list for each printer device. The default and minimum value for this number is 1000. Each time the printer is used an entry is made in the Label/Profile monitor and if the monitor holds more entries than specified by this parameter, the oldest entry is deleted.
NARCOTICS NUMBERED DIFFERENTLY	This field is used to determine if narcotics will be numbered differently from other medications/supplies.
NARCOTIC LOWER BOUND	This field is used to determine what prescription numbers narcotics are to start with if narcotics are numbered differently from other prescriptions/supplies.
NARCOTIC UPPER BOUND	This field is used to determine the highest prescription number used for narcotics if this type of medication is numbered differently from other medications/supplies.
LAST NARCOTIC NUMBER ISSUED	This field is used to indicate last number issued for narcotic medications.
PRESCRIPTION # LOWER BOUND	This field is used to enter the lowest prescription number for this site.
PRESCRIPTION # UPPER BOUND	This field is used to enter the highest prescription number for this site.
LAST PRESCRIPTION # ISSUED	This field is used to store the last RX number used.
IB SERVICE/SECTION	Select the appropriate entry in the Service/Section file (#49) that is to be used for the Pharmacy Copayment/Integrated Billing procedures.

Site Parameter	Description
NARRATIVE FOR COPAY DOCUMENT	This field contains information from the site regarding the copayment procedures for the patient to follow upon receipt of the copay document. For example, information may include a telephone number to call regarding billing inquiries, a payment mailing address, etc.
NARRATIVE REFILLABLE RX	This field contains information from the site regarding procedures for the patient to obtain a refill of his refillable medication. May include the address, phone number, etc. that will assist the patient.
NARRATIVE NON-REFILLABLE RX	This field contains information from the site regarding procedures for the patient to obtain a new prescription for his non-refillable medication. This field may contain address, phone number, etc that will assist the patient.
CHARGE LOCATION	This field is a pointer to the Hospital Location File (#44). Multi-division sites should populate this field for each division. This data could be obtained from the Business Office of the Medical Center.

The CHARGE LOCATION field is used to group charges in the COTS billing system according to the type of service.

#### **IMPORTANT**

Entering and defining the Charge Locations is crucial to the success of this function. Initially, however, a unique Outpatient Pharmacy Location must be entered in the HOSPITAL LOCATION file by Registration or Scheduling. It is recommended that the Location be coordinated with the Medical Center's business office. A Charge Location should be defined for every division currently in the OUTPATIENT SITE file, which means that there could be multiple hospital locations or one location for all divisions.

If a Charge Location is not defined for a particular division, Outpatient Pharmacy will search all active divisions in the OUTPATIENT SITE file for a Charge Location entry and use the first one it finds. If the PFSS switch is ON and no Charge Locations are defined in any divisions, the information will not be passed on to IB or the COTS billing system and no charge takes place.

Information in the CHARGE LOCATION field cannot be deleted, but it can be replaced with entry of another Charge Location.

Site Parameter	Description
SCRIPTALK DEVICE	This field contains a pointer to the ScripTalk printer device in the device file.
SCRIPTALK AUTO-PRINT SETTINGS	Set this to 'A' to have a ScripTalk label automatically print for ScripTalk-enrolled patients whenever their regular medication label prints. Set to 'M' if ScripTalk labels will be printed manually.
DEFAULT OUTPATIENT SITE	The outpatient site (and parameters) which will be used for ward order entry. An entry in this field will bypass the site selection prompt when entering outpatient from OE/RR.
ADMISSION CANCEL OF RXS	This field is used to determine if outpatient medication will be cancelled after 72 hours of an admission to the medical center.
EXEMPT WARD FROM AUTOCANCEL	For all of the WARD LOCATIONS entered, prescriptions for patients on these wards will not be canceled by the Autocancel RX's on Admission Outpatient Pharmacy system job.
DAYS PRINTED RX STAYS IN 52.5: 7	This field contains the number of days printed prescriptions are to remain in the RX SUSPENSE file when running the Delete From Suspense File option. The number of days to remain may be from 7 to 90.
POLYPHARMACY W/ACTION PROFILE	This field is used to determine if a polypharmacy report prints with action profile across all divisions.
INTERDIVISIONAL PROCESSING	This field is used to indicate if interdivisional processing is to occur.
DIVISION PROMPT ASKED	This field is used to indicate if the 'Division' prompt is to be asked.
REFILL/RENEW DIVISION	This field is used to indicate the refill/renew division for multi divisional sites.
PROCESS AUTO REFILLS FOR INPAT	This flag should be set to Yes, only if the site wants the scheduled AUTO REFILL [PSO AUTO REFILL] option to process refills for patients who are currently an inpatient. The AUTO REFILL job defaults to NO unless the site has this flagged as YES.
PROCESS AUTO REFILLS FOR CNH	This flag should be set to Yes, only if the site wants the scheduled AUTO REFILL [PSO AUTO REFILL] option to process refills for CNH patients. The AUTO REFILL job defaults to NO unless the site has this flagged as YES.

The following example displays all of the prompts that are possible with the *Site Parameter Enter/Edit* option. The prompts displayed at each site will depend upon that site's settings.

**Example: Site Parameter Enter/Edit - all fields**

```
Select Maintenance (Outpatient Pharmacy) Option: SITE Parameter Enter/Edit

Select SITE NAME: ALBANY      500
Would you like to see all site parameters for this division? Y// NO

NAME: ALBANY// <Enter>
MAILING FRANK STREET ADDRESS: 114 ANYSTREET AVE// <Enter>
AREA CODE: 555// <Enter>
PHONE NUMBER: 555-1234// <Enter>
MAILING FRANK ZIP+4 CODE: 55555// <Enter>
SITE NUMBER: 123// <Enter>
```

### Example: Site Parameter Enter/Edit - all fields (continued)

```
NCPDP NUMBER: <Enter>
MAILING FRANK CITY: ANY CITY// <Enter>
MAILING FRANK STATE: ANY STATE// <Enter>
MAILING COMMENTS: <Enter>
INACTIVE DATE: <Enter>
HOLD FUNCTION?: NO// <Enter>
SUSPENSE FUNCTION?: YES// <Enter>
CANCEL DRUG IN SAME CLASS: YES// <Enter>
REFILL INACTIVE DRUG RXS: YES// <Enter>
ASK METHOD OF PICKUP: YES// <Enter>
PASS MEDS ON PROFILE: YES// <Enter>
PROFILE `SORT BY' DEFAULT: DATE// <Enter>
COPIES ON NEW: YES// <Enter>
DRUG CHECK FOR CLERK: YES// <Enter>
FEE BASIS SUPPORT: YES// <Enter>
MULTI RX REQUEST FORM: YES// <Enter>
BARCODES ON REQUEST FORMS: BOTH// <Enter>
BARCODES ON ACTION PROFILES: YES// <Enter>
VERIFICATION: YES// <Enter>
DISPLAY GROUP: OUTPATIENT// <Enter>
SCREEN PROFILES: YES// <Enter>
EDIT PATIENT DATA: YES// <Enter>
EDIT DRUG: YES// <Enter>
RENEWING RX'S ALLOWED: YES// <Enter>
PASS MEDS CANCEL: NO// <Enter>
AUTO SUSPEND: YES// <Enter>
SHALL COMPUTER ASSIGN RX #S: YES// <Enter>
PROFILE WITH NEW PRESCRIPTIONS: NO// <Enter>
SLAVED LABEL PRINTING: YES// <Enter>
METHADONE PROGRAM: NO// <Enter>
METHADONE DRUG: METHADONE SOLUTION (METHADOSE)// <Enter>
DAYS TO PULL FROM SUSPENSE: 2// <Enter>
DAYS TO PULL SUSPENDED CS CMOP: <Enter>
RECENTLY DC'D/EXPIRED DAYS: <Enter>
NEW LABEL STOCK: YES// <Enter>
EXTERNAL INTERFACE: SEND ALL ORDERS AND PRINT LABEL
// <Enter>
Select DISPENSING SYSTEM PRINTER: <Enter>
BLANK LABEL BETWEEN PATIENTS: <Enter>
VERIFYING PHARMACIST ON LABELS: YES// <Enter>
AUTOMATED DISPENSE: HL7 V.2.4// <Enter>
FILE RELEASE DATE/TIME: YES// <Enter>
ENABLE MASTER FILE UPDATE: <Enter>
DISPENSE DNS NAME: <Enter>
DISPENSE DNS PORT: <Enter>
Select CPRS ORDERING INSTITUTION: TROY// <Enter>
  CPRS ORDERING INSTITUTION: TROY// <Enter>
  LOGICAL LINK: <Enter>
Select CPRS ORDERING INSTITUTION: <Enter>
RELATED INSTITUTION: ALBANY// <Enter>
NPI INSTITUTION: <Enter>
LABEL/PROFILE MONITOR MAX: 1000// <Enter>
NARCOTICS NUMBERED DIFFERENTLY: YES// <Enter>
NARCOTIC LOWER BOUND: 10000// <Enter>
NARCOTIC UPPER BOUND: 99999// <Enter>
PRESCRIPTION # LOWER BOUND: 100000999// <Enter>
PRESCRIPTION # UPPER BOUND: 500000000// <Enter>
IB SERVICE/SECTION: PHARMACY// <Enter>
```

-----example continues-----



### Example: Site Parameter Enter/Edit - all fields (continued)

NARRATIVE FOR COPAY DOCUMENT: <Enter>

*The copay narrative displays here.*

Edit? NO//

NARRATIVE REFILLABLE RX:

\*\*\*\*\*

*The narrative for refillable RXs displays here.*

\*\*\*\*\*

Edit? NO// <Enter>

NARRATIVE NON-REFILLABLE RX:. . .

. . .

*The narrative for non-refillable RXs displays here.*

=====

Edit? NO// <Enter>

LOGICAL LINK: <Enter>

PROCESS AUTO REFILLS FOR INPAT: NO// <Enter>

PROCESS AUTO REFILLS FOR CNH: NO// <Enter>

#### Outpatient System Parameters

DEFAULT OUTPATIENT SITE: JAN// <Enter>

ADMISSION CANCEL OF RXS: YES// <Enter>

Select EXEMPT WARD FROM AUTOCANCEL: NHC// <Enter>

DAYS PRINTED RX STAYS IN 52.5: 7// <Enter>

POLYPHARMACY W/ACTION PROFILE: <Enter>

Currently 'INTERDIVISIONAL' processing 'is' allowed.

Do you want to change this? : N// <Enter> 0

This question involves the following prompt:

'RX is from another division. Continue? (Y/N)'

Do you want this prompt to appear

whenever an action is attempted on the prescription: Y// <Enter> ES

Do you want all refill request forms to be processed  
at a particular division?: Y// <Enter> ES

Choose REFILL division: Cindy// <Enter> 043

Initialization of 'INTERDIVISIONAL PROCESSING' is complete.

Select SITE NAME:

## **Edit Provider**

### **[PSO PROVIDER EDIT]**

Edit existing provider entries in the NEW PERSON file with this option.

## **Add New Providers**

### **[PSO PROVIDER ADD]**

This option allows new providers to be added. The provider's name is already in the file if the name entered at the "Enter NEW PERSON's name" prompt is repeated and the screen returns to the menu. The *Edit Provider* option must be used in this case to change existing provider entries.

## **Queue Background Jobs**

### **[PSO AUTOQUEUE JOBS]**

This option is used to queue all background jobs. Once the *Queue the Background Jobs* option is selected, the option automatically pre-selects the jobs. Entering "E" for exit cannot exit the option. To exit a specific job and go on to the next one, an up arrow (^) must be entered. The background jobs are as follows:

- Autocancel Rx's on Admission
- Nightly Rx Cost Compile
- Nightly Management Data Compile
- Compile AMIS Data (NIGHT JOB)
- Expire Prescriptions
- Auto-delete from Suspense

A date and time at least two minutes in the future must be entered. The jobs should be set to run at a time convenient for the site.

Respond only to the following prompts. All others will be left blank.

QUEUED TO RUN AT WHAT TIME: This is the date/time desired for this option to be started by TaskMan.

RESCHEDULING FREQUENCY: If this field is blank then the job will run only once.

### Example: View of Queue Background Jobs Screen

```
Select Maintenance (Outpatient Pharmacy) Option: Queue Background Jobs

If time to run option is current do not edit.
      Edit Option Schedule
Option Name: PSO AUTOCANCEL
Menu Text: Autocancel on Admission                                TASK ID: 1090241

-----

QUEUED TO RUN AT WHAT TIME: JUN 27,2007@12:02

DEVICE FOR QUEUED JOB OUTPUT:

QUEUED TO RUN ON VOLUME SET:

      RESCHEDULING FREQUENCY: 1D

      TASK PARAMETERS:

      SPECIAL QUEUEING:

-----

COMMAND:                                                         Press <PF1>H for help   Insert
```

## Autocancel Rx's on Admission

### [PSO AUTOCANCEL1]

Use the *Autocancel Rx's on Admission* option to task a job every night to cancel the outpatient prescriptions of patients who were admitted 3 days ago. Enter the time desired to queue the job to run. Using this same option the user can also edit the time set for the job to run. The job should be set to run at a time between 5:30 p.m. and 11:30 p.m. (or when convenient for the site).

## Bingo Board Manager (BM)

### [PSO BINGO MANAGER]

Through the *Bingo Board Manager* menu the user can access the necessary options to set up the bingo board. Before data entry can begin, the division must be defined when entering the software package. Divisions are manager defined, but should be consistent with local policies in order to keep the statistical data relevant. At least one division must be defined.

After defining the division, define the display parameters through the *Enter/Edit Display* option. The display group is a uniquely defined location where the patient data will be displayed. As with the division parameter, at least one display group must be defined.

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

- *Enter/Edit Display*
- *Auto-Start Enter/Edit*
- *Print Bingo Board Statistics*
- *Print Bingo Board Wait Time*
- *Purge Bingo Board Data*
- *Start Bingo Board Display*
- *Stop Bingo Board Display*

## **Enter/Edit Display**

### **[PSO BINGO ENTER/EDIT DISPLAY]**

Unique locations where the patient data will be displayed can be defined with this option. Enter a new display group name or the name of an existing group to edit or delete.

If the name is chosen at the “NAME/TICKET” prompt, the “TICKET #” prompt will not appear when a new patient is entered in the *Enter a New Patient* option.

The display cannot be changed from name to ticket when patients are already in the Group Display. All patients must be purged using the *Purge Bingo Board* option for that Group Display. After the data is purged, the user must edit the NAME/TICKET field using this option. Then the patient can be re-entered and assigned ticket numbers.



Only devices with the sub-type C-VT can be entered at the “DISPLAY DEVICE” prompt. A DEC VT-220 with a coaxial output connected to a cable ready TV monitor is all that is needed on the hardware side.

### Example: Enter/Edit Display

```
Select Bingo Board Manager Option: Enter/Edit Display

Select GROUP DISPLAY NAME: MAIN
Are you adding 'MAIN' as a new GROUP DISPLAY (the 3RD)? Y (Yes)

NAME: MAIN// <Enter> [The name of the Display Group.]
NAME/TICKET: NAME NAME [Select either Name or Ticket # to display.]
MESSAGE:
  1>WEST CLINIC VAMC
  2>[This is a free text field. The message will appear on the screen for the users to view.]
EDIT Option: <Enter>
TWO COLUMN DISPLAY: Y YES [Display names/ticket #'s in one or two column.]
DISPLAY WAIT TIME: Y YES [Average display waiting time.]
NORMAL WAIT TIME: 10 [Normal wait time (in minutes) is entered by the site.]
DISPLAY SETUP HELP TEXT: Y YES

In order to automatically start and stop the bingo board monitor,
a dedicated device must be setup by your IRM Service.

Once a dedicated device is setup, the bingo board can be scheduled
to automatically start and/or stop at user-defined times.

Enter 'NO' at the DISPLAY SETUP HELP TEXT prompt to not display this help text.

DISPLAY DEVICE: ? [Device dedicated by IRMS for bingo board setup.]
Only devices with Sub-type starting with "C-VT" is allowed.
Answer with DEVICE NAME, or LOCAL SYNONYM, or $I, or VOLUME SET(CPU), or
SIGN-ON/SYSTEM DEVICE, or FORM CURRENTLY MOUNTED
DISPLAY DEVICE: [Select print device.]
AUTO-START DISPLAY DEVICE: Y YES [Sets the display group to automatically start.]
Do you want to initialize auto-start now? NO// Y YES
Enter Start Time: ?

Enter time as HH:MM in 12 hour format (For example, '8:00' or '8:00AM').

Enter Start Time: 9:30am [Start time for the display group.]
Enter Stop Time: 4:00pm [Stop time for the display group.]
```

At the "QUEUED TO RUN AT WHAT TIME" prompt a time must be entered that is at least two minutes in the future. The software will convert it to today's date with the time entered. For example, if the time is 8:00am, to queue it for later today 9:30am can be entered. It will default to today's date. To enter a time for it to queue tomorrow, "T+1@00:00am/pm" must be entered. For example, if the time is 3:00pm, to queue it for 8:30am, "T+1(or tomorrow's date)@8:30am" must be entered.

## Auto-Start Enter/Edit

### [PSO BINGO INITIALIZE]

This option is used to change the start and stop times of the display groups that have been set up to automatically start and/or stop each day. The scheduling time and frequency can also be changed using this option.

#### Example: Auto-Start Enter/Edit

```
Select Bingo Board Manager Option: AUTO-Start Enter/Edit

You want to edit Display Group(s) Start/Stop times? NO// Y YES
Select GROUP DISPLAY NAME: MAIN
Enter Start Time: 3:00AM// <Enter>
Enter Stop Time: 4:00PM// <Enter>

Select GROUP DISPLAY NAME: <Enter>
```

See the *Enter/Edit Display* option for an example of the auto-start screen.]

## Print Bingo Board Statistics

### [PSO BINGO REPORT PRINT]

A report is generated covering a date range that can be sorted by single division or all divisions. Date ranges in the future are not allowed. The start date must be a date that precedes the end date.

The Bingo Board Report includes totals on number of patients, waiting time, and average waiting time.

## Print Bingo Board Wait Time

### [PSO BINGO REPORT WAIT TIME]

This option allows printing of a report that sorts the entries in the PATIENT NOTIFICATION (Rx READY) file by Display Group, then Wait Time. This report can be used to keep track of the bingo board activity for a given day. To keep a permanent record of this activity, this report can be printed each day, preferably at the end of the day. The following are definitions of the items found on this report.

Field	Description
Name	The name of the patient. For a patient with multiple entries, his/her name is printed only once.
Time In	The time that the patient's name was entered in the computer.
Time Out	The time that the patient's name was entered on the bingo board monitor.
Rx#	The prescription number.
Wait Time	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.
Display	The Display Group that the entries were entered under. Multiple site hospitals may have multiple display groups set up to coincide with each site.
Total	A summation of all the Wait Times in the PATIENT NOTIFICATION (Rx READY) file. It includes the wait time of the patients with multiple entries. For example, if it took 3 minutes to fill each of the three prescriptions for OPPATIENT23,ONE, the Total function sums up the Wait Time as though it took 9 minutes.
Count	The number of Wait Time entries. It counts the number of wait time entries for each prescription, not each patient.
Mean	The average or middle value of the Wait Time range of values.
Minimum	The least Wait Time value in the range.
Maximum	The greatest Wait Time value in the range.
Dev. (Deviation)	A relative number which signifies the overall departure from the average.

Data may be lost if this report is not printed each day, because many sites purge the PATIENT NOTIFICATION (Rx READY) file each morning.

### Example: Print Bingo Board Wait Time

```
Select Bingo Board Option: BM Bingo Board Manager

      BINGO BOARD CONTROL PANEL

Select Bingo Board Manager Option: PRINT
  1   Print Bingo Board Statistics
  2   Print Bingo Board Wait Time
CHOOSE 1-2: 2 Print Bingo Board Wait Time
DEVICE: [Select Print Device]
      report follows
BINGO BOARD WAIT TIME PRINTOUT                                MAY 21,1997  15:34    PAGE 1
NAME                                     TIME      TIME      Rx#      WAIT
                                     IN        OUT
-----
      DISPLAY: WAITING ROOM
OPPATIENT30,ONE                        1503      1504      2004342      1
                                     1503      1504      2004343      1
                                     1503      1504      2004345      1
                                     1509      1512      2004346      3
OPPATIENT14,ONE                        1509      1512      2004350      3
                                     1509      1512      2004354      3
OPPATIENT5,ONE                         1509      1512      2002744      3
                                     1509      1512      2006376      3
                                     1509      1512      2006377      3
OPPATIENT19,ONE                       1524      1527      2002403      3
                                     1524      1527      2006034      3
OPPATIENT26,ONE                       1524      1527      2002365      3
                                     1524      1527      2002573      3
                                     -----
TOTAL                                  33
COUNT                               13
MEAN                                  3
MINIMUM                               1
MAXIMUM                               3
DEV.                                  1
```

### Purge Bingo Board Data

#### [PSO BINGO PURGE]

With this option, the user can delete all entries from the PATIENT NOTIFICATION (Rx READY) file.



It is recommended that data be purged each day. However, if data is not purged, it will not affect the accuracy of the bingo board statistics.

#### IMPORTANT

If this option is used before the end of the workday, all data will be lost except the statistical data on those prescriptions already picked up.

### Start Bingo Board Display

#### [PSO BINGO START]



Use this option to start the bingo board display. If there are no prescription entries yet, the message typed in the GROUP DISPLAY will cycle. When the entries begin, the message will be displayed and held for a period of time, then pages of numbers or names will be displayed until all the names have been shown. Then the cycle starts over.

The terminal that executes the option may or may not be the display terminal.

## **Stop Bingo Board Display**

### **[PSO BINGO STOP]**

Use this option to stop the bingo board display. The bingo board can be stopped and started as often as desired. It must be stopped if any changes are made to the display group currently being used. This option can be accessed from any terminal.

When the display is stopped and “Yes” answered to the purge prompt, a second prompt appears and allows all of the display groups or a specific display group to be selected for purging.

## **Edit Data for a Patient in the Clozapine Program**

### **[PSOL EDIT]**

Use this option to edit data for a patient who has already been enrolled in the Clozapine treatment program. It is typically used to re-register a patient whose treatment has been discontinued and who has rejoined the program.

There are two statuses, Pre-Treatment and Active Treatment, which can be selected. Two other statuses, Treatment on Hold and Discontinued, are set by the background job and require the patient to be re-registered.

The Pre-Treatment status is for a patient registered but never receiving a prescription. If after four weeks (28 days prior to the start date listed for the data collection) the patient does not receive a prescription, the patient status is changed to Discontinued by the background job and the patient must be re-registered.

The Active status is for a patient that has had a prescription within the last 7 or 14 days. If the most recent prescription is over 14 days old, the patient status is changed to Treatment on Hold by the background job and the patient must be re-registered.



Sex, race, and ZIP Code should be registered for each patient through Medical Administration Service (MAS) or the Business Management Office.

## **Enter/Edit Clinic Sort Groups**

### **[PSO SETUP CLINIC GROUPS]**

This option enables a group of clinics to be identified that will print together for the action/informational profiles.

### Example: Enter Clinic Sort Group

```
Select Maintenance (Outpatient Pharmacy) Option: ENT
  1   Enter/Edit Clinic Sort Groups
  2   Enter/Edit Local Drug Interaction
CHOOSE 1-2: 1 Enter/Edit Clinic Sort Groups

Select Clinic Sort Group: ?
  Answer with OUTPATIENT CLINIC SORT GROUP NAME
Choose from:
  CLINIC 1
  Clinic 2
    You may enter a new OUTPATIENT CLINIC SORT GROUP, if you wish
    Answer must be 3-30 characters in length.
Select Clinic Sort Group: CLINIC 3
  Are you adding 'CLINIC 3' as
    a new OUTPATIENT CLINIC SORT GROUP (the 6TH)? Y (Yes)
NAME: Clinic 1// <Enter>
Select SORT GROUPS: ?
  Answer with SORT GROUP SORT GROUPS
    You may enter a new SORT GROUP, if you wish
    Enter name of clinic to be included in the sort group.
  Answer with HOSPITAL LOCATION NAME, or ABBREVIATION
  Do you want the entire 122-Entry HOSPITAL LOCATION List? N (No)
Select SORT GROUPS: 2 EAST
  Are you adding '2 EAST' as a new SORT GROUP (the 1ST for this OUTPATIENT
  CLINIC SORT GROUP)? Y (Yes)
Select SORT GROUPS: <Enter>
```

## Initialize Rx Cost Statistics

### [PSO COSTINIT]

This option allows the manager to initialize the system to automatically compile cost data for one day or a range of days.



**Note:** The default date is today plus 1 at 1:00 a.m. (T+1@01:00). The date on the screen represents either a default date/time if the option has never been queued, or the current date/time this option is queued to run.

## **Edit Pharmacy Intervention**

### **[PSO INTERVENTION EDIT]**

Use this option to edit an already existing entry in the APSP INTERVENTION file.

## **Delete Intervention**

### **[PSO INTERVENTION DELETE]**

This option can be used to delete an intervention from the APSP INTERVENTION file. An intervention can be deleted only on the same day that it was entered.

## **Auto-delete from Suspense**

### **[PSO PNDEL]**

The *Auto-delete from Suspense* option is the same option as the V. 6.0 *Delete from Suspense File* option. This option allows the user to delete from the file the records of all the prescriptions that have already been printed prior to the user specified number of days. This specified number of days must be set from 7 to 90 days at the “DAYS PRINTED RX STAYS IN 52.5” prompt in the *Site Parameter Enter/Edit* option. The task is set to run every 7 days at the user specified time. The user may also re-queue or de-queue this task using this option. Once a prescription is deleted from suspense, it cannot be reset for reprinting. This option will delete based on the date the prescription was printed from suspense, not the original suspense date. The reason for using the print date is that one batch may print on a certain day with prescriptions with different original suspense dates. This job will therefore never delete only part of a printed batch.

## Automate Internet Refill

### [PSO AUTO REFILL INITIALIZE]

This option initializes a job that will automatically process the refill requests placed via the Internet.



This option requires the PSOAUTRF key.

The following warning is displayed if the user does not hold the key.

#### Example: Automate Internet Refills – no security key held

Select Maintenance (Outpatient Pharmacy) Option: **AUTOMATE** Internet Refill  
You must hold the PSOAUTRF key to run this option!

Internet refills are processed for all active divisions defined in the OUTPATIENT SITE file that have pending refill entries in the PRESCRIPTION REFILL REQUEST file. The *Automate Internet Refill* option uses the same criteria (prompting) that is used for the *Process Internet Refill* option. However, instead of the user responding to the prompts, the criteria is automatically set up by the software as follows:

Prompt/Criteria	Pre-set Value
FILL DATE:	TODAY
MAIL/WINDOW:	MAIL
Will these refills be Queued or Suspended?	SUSPENDED
PROCESS AUTO REFILLS FOR INPAT?	NO (but site parameter overrides)
PROCESS AUTO REFILLS FOR CNH?	NO (but site parameter overrides)

Scheduling the background job includes setting a time and the job's rescheduling frequency.



These fields should be left blank: DEVICE FOR QUEUED JOB OUTPUT, QUEUED TO RUN ON VOLUME SET, TASK PARAMETERS, and SPECIAL QUEUEING.

### Example: Automate Internet Refills – Setting up the background job

```
Select Maintenance (Outpatient Pharmacy) Option: AUTOMATE Internet Refill

                                Edit Option Schedule
Option Name: PSO AUTO REFILL
Menu Text: Automate Internet Refill                                TASK ID: 173872

-----

QUEUED TO RUN AT WHAT TIME: AUG 7,2007@16:40

DEVICE FOR QUEUED JOB OUTPUT:

QUEUED TO RUN ON VOLUME SET:

    RESCHEDULING FREQUENCY: 24H
        TASK PARAMETERS:

        SPECIAL QUEUEING:

-----

COMMAND:
```

## Delete a Prescription

### [PSORXDL]

Using this option a prescription status can be changed to deleted. Deleted prescriptions do not appear on any profiles.



A released prescription can only be deleted after it has been returned to stock.

## Expire Prescriptions

### [PSO EXPIRE INITIALIZE]

This option initializes a daily job that will mark any prescription as expired that has yesterday as an expiration date.

## Manual Auto Expire Rxs

### [PSO MANUAL AUTO EXPIRE]

This job needs to be run only if expired prescriptions are showing up as active orders on the Orders tab in CPRS. This could happen if the *Expire Prescriptions* option was not queued as a daily task *AND* those prescription(s) were never accessed/viewed in *Patient Prescription Processing* option.

Sites that have not queued the Expire Prescriptions job on the daily task schedule should do so by selecting the *Queue Background Jobs* option from the Maintenance (Outpatient Pharmacy) menu option, making an entry in the Edit Option Schedule template for the *Expire Prescriptions* option and scheduling it to run daily.

## Prescription Cost Update

### [PSO RXCOST UPDATE]

This option updates prescription costs in the DRUG COST file by generic drug name. Costs can be updated on refills and partials as well. Updates can be made only as far back as one year plus 120 days.

## Purge Drug Cost Data

### [PSO PURGE DRUG COST]

To purge drug cost data from the DRUG COST file, enter a starting and ending date. Then choose to run this job immediately or queue it.

#### Example: Purge Drug Cost Data

```
Select Maintenance (Outpatient Pharmacy) Option: PURGE Drug Cost Data

Purge Cost Data Starting: FEB 2007// <Enter> (FEB 2007)
Purge Cost Data Ending: 3/97 (MAR 2007)

Are you sure you want to purge cost data
from 02/00/07 to 03/00/07? NO// Y YES

Do you want this option to run IMMEDIATELY or QUEUED? Q// <Enter> QUEUED
Requested Start Time: NOW// <Enter> (MAY 06, 2007@10:31:23)
Task #223079 QUEUED.
```

## Purge External Batches

### [PSO INTERFACE PURGE]

This option purges entries from the PHARMACY EXTERNAL INTERFACE file.

#### Example: Purge External Batches

```
Select External Interface Menu Option: Purge External Batches
Enter cutoff date for purge of External Interface file:  022807  (FEB 28, 2007)

Purge entries that were not successfully processed?  NO// <Enter>

Purge queued to run in background.

Select External Interface Menu Option: <Enter>
```

## Recompile AMIS Data

### [PSO AMIS RECOMPILE]

To gather Automated Management Information System (AMIS) data from various sources, use this option. It is recommended that this job should be queued to run during off-peak hours (or at a time that is convenient for the site).



The month/day/year may be specified for a current month report, but only month and year can be specified for reports of past months.

# Chapter 15: 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. 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
- 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 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 Short Profile

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 Non-VA Meds on File  
 Last entry on 1-20-05

#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
-----REFILL TOO SOON/DUR REJECTS (Third Party)-----								
1	2390Se	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//								



### NOTES:

Order #4 indicates that it has recently expired.

Orders #5,7,10 indicate that they were recently discontinued.

Hold Type display codes are shown in **blue**.

Discontinue Type display codes are shown in **blue**.

## 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
      (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) :
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 continues-----

### 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.
```

```
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]

See Chapter 17, “Using the Pharmacy Intervention Menu” for more details.

## Medication Reconciliation

The Medication Reconciliation product (patch PSO\*7\*294) introduces the components necessary to build four tools useful for medication reconciliation. The product utilizes Health Summary components and Text Integrated Utility (TIU) data objects to create a list of current medications. Medication Reconciliation also leverages the Remote Data Interoperability (RDI) software to include medication data from other sites.

For a complete list of functionality, please refer to the Medication Reconciliation Implementation Guide.



## Medication Profile and Refill

[PSO HRC PROFILE/REFILL]

This option was originally requested by the Health Resource Center (HRC) to provide a new standalone option similar to that of the ePharmacy Medication Profile (View Only) [PSO PMP] option for the Compensation and Pension Record Interchange (CAPRI) system. It allows users to view a medication profile as well as refill prescriptions for a specific patient.

### Example 1: Medication Profile with default view

Patient Medication Profile					Jun 04, 2007@19:22:16		Page: 1 of 1	
OPPATIENT,ONE					<A>			
PID: 000-12-5678					HEIGHT (cm) : 175.26		(11/21/2006)	
DOB: NOV 28,1900 (111)					WEIGHT (kg) : 108.18		(08/09/2007)	
SEX: MALE					EXP/CANCEL CUTOFF: 120 DAY			
#	Rx#	DRUG [^]	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
1	100004112	ALBUTEROL INHALER	1	A	04-21-07	04-21-07	11	7
2	300483e	ALPRAZOLAM 0.25MG TABS	30	DC	06-14-07	06-14-07	11	30
3	100004113	AMITRIPTYLINE 10MG TAB	60	A	04-21-07	04-21-07	11	30
4	100004075e	CABERGOLINE 0.5MG TAB	7	E	05-18-05	05-18-05	6	7
5	100004155	DESIPRAMINE 25MG	90	S	02-23-07	02-11-07	11	90
6	100004022\$e	DIGOXIN 0.05MG/ML ELIX (60CC)	30	A	02-01-07	02-20-07	10	90
7	100004081	METAPROTERENOL 5% SOLUTION 10ML	15	DC	06-02-07	06-03-07	11	15
8	100004082	METAPROTERENOL 5% SOLUTION 10ML	10	DC	06-02-07	06-03-07	11	10
9	100004083	METAPROTERENOL 5% SOLUTION 10ML	15	A>	06-02-07	06-23-07	11	15
10	100004079	NICOTINE 10MG/ML SOLN NASAL SPRAY	1	A>	06-02-07	06-23-07	11	15
11	100003298	SIMVASTATIN 20MG TAB	5	DC	05-28-05	04-27-07	3	30
12	100003298A	SODIUM CHLORIDE 0.9% NASAL SOLN(O	1	A	05-10-07	05-10-07	11	30
13	100004070e	VALSARTAN 80MG TAB	5	S	06-28-07	05-31-07	11	30
PENDING (2 order)								
14	ALBUTEROL INHALER			RF	06-03-07		2	30
15	AMITRIPTYLINE 10MG TAB			RN	06-02-07		3	10
Non-VA MEDS (Not dispensed by VA) (1 order)								
16	TAMOXIFEN CITRATE 10MG TABS				Date Documented: 06/04/07			
Enter ?? for more actions								
CV	Change View	PI	Patient Information		SIG Show/Hide SIG			
GS	Group by Status	RF	Refill					
Select: Quit//								

The following options are available as Hidden Menu actions on this screen:

DR	- Sort by Drug	LF	- Sort by Last Fill
RX	- Sort by Prescription	ID	- Sort by Issue Date

The CV (*Change View*) action allows the user to change some characteristics of the screen above. The user can also save and/or delete preferences, which will be used every time the user runs this option. The users can have one set of preferences for each Division defined.

### Example 2: Change View action

Enter CV at the “Select” prompt to change the view preferences.

```
OPPROVIDER,ONE's current default view (ALBANY):
-----
EXP/CANCEL CUTOFF   : 120 DAYS
SORT BY             : DRUG NAME
SORT ORDER          : ASCENDING
DISPLAY SIG         : NO
GROUP BY STATUS     : YES
DISPLAY ORDER COUNT : YES

Delete this default view? NO// <Enter>

EXP/CANCEL CUTOFF: 120// 120 DAYS
SORT BY: DR// DRUG NAME
SORT ORDER: ASCENDING// ASCENDING
DISPLAY SIG: OFF// OFF
GROUP BY STATUS: OFF// ON
DISPLAY ORDER COUNT: ON// OFF

Save as your default View? NO// YES

Saving...OK!
```

### Example 3: Patient Information action

Enter PI at the “Select” prompt to view patient information.

```
Patient Information      Jul 12, 2011@13:28:53      Page: 1 of 2
OPPATIENT,ONE          <A>
  PID: 000-12-5678      Ht (cm) : _____ (_____)
  DOB: NOV 28,1900 (111) Wt (kg) : _____ (_____)
  SEX: MALE

Eligibility: NSC, VA PENSION
RX PATIENT STATUS: OPT NSC

Disabilities: POST-TRAUMATIC STRESS DISORDER-100% (SC),

2222 CENTRAL AVE

ALBANY                  HOME PHONE:
NEW YORK 01280-7654      CELL PHONE:
Prescription Mail Delivery: Regular Mail      WORK PHONE:
Cannot use safety caps.

Allergies
  Verified: PENICILLIN,

Adverse Reactions

+ Enter ?? for more actions
DD Detailed Allergy/ADR List      EX Exit Patient List
Select Action: Next Screen//
```

#### Example 4: Medication Profile with SIG expanded

Enter SIG at the “Select” prompt to show/hide the Rx SIG.

Patient Medication Profile				Jun 04, 2007@19:22:16		Page: 1 of 1		
OPPATIENT,ONE						<A>		
PID: 000-12-5678				HEIGHT(cm): 175.26		(11/21/2006)		
DOB: NOV 28,1900 (111)				WEIGHT(kg): 108.18		(08/09/2007)		
SEX: MALE				EXP/CANCEL CUTOFF: 120 DAY				
#	Rx#	DRUG [^]	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
1	100004112	ALBUTEROL INHALER	1	A	04-21-07	04-21-07	11	7
	SIG: TAKE 1 PUFF BY MOUTH EVERY DAY FOR 10 DAYS							
2	300483e	ALPRAZOLAM 0.25MG TABS	30	DC	06-14-07	06-14-07	11	30
	SIG: TAKE ONE CAPSULE BY BY MOUTH EVERY MORNING							
3	100004113	AMITRIPTYLINE 10MG TAB	60	A	04-21-07	04-21-07	11	30
	SIG: TAKE ONE TABLET BY BY MOUTH EVERY MORNING							
4	100004075e	CABERGOLINE 0.5MG TAB	7	E	05-18-05	05-18-05	6	7
	SIG: TAKE 2 TABLET(S) BY BY MOUTH EVERY 12 HOURS							
5	100004155	DESIPRAMINE 25MG	90	S	02-23-07	02-11-07	11	90
	SIG: TAKE 2 TABLET(S) BY BY MOUTH EVERY 12 HOURS							
6	100004022\$e	DIGOXIN 0.05MG/ML ELIX (60CC)	30	A	02-01-07	02-20-07	10	90
	SIG: INJECT 1000IM EVERY DAY							
7	100004081	METAPROTERENOL 5% SOLUTION 10ML	15	DC	06-02-07	06-03-07	11	15
	SIG: INJECT 1000 IM EVERY DAY							
8	100004082	METAPROTERENOL 5% SOLUTION 10ML	10	DC	06-02-07	06-03-07	11	10
	SIG: INJECT 1000 IM EVERY DAY							
9	100004083	METAPROTERENOL 5% SOLUTION 10ML	15	A>	06-02-07	06-23-07	11	15
	SIG: INJECT 1000 IM EVERY DAY							
10	100004079	NICOTINE 10MG/ML SOLN NASAL SPRAY	1	A>	06-02-07	06-23-07	11	15
	SIG: APPLY 1 PATCH ON SHOULDER DAILY							
11	100003298	SIMVASTATIN 20MG TAB	5	DC	05-28-05	04-27-07	3	30
	SIG: TAKE 2 TABLET(S) PO FOUR TIMES A DAY							
12	100003298A	SODIUM CHLORIDE 0.9% NASAL SOLN(O	1	A	05-10-07	05-10-07	11	30
	SIG: TAKE 2 PUFFS EACH NOSTRIL EVERY 8 HOURS							
13	100004070e	VALSARTAN 80MG TAB	5	S	06-28-07	05-31-07	11	30
	SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING							
PENDING (2 order)								
14	ALBUTEROL INHALER			RF	06-03-07		2	30
	SIG: 1 PUFF BY MOUTH EVERY DAY FOR 5 DAYS							
15	AMITRIPTYLINE 10MG TAB			RN	06-02-07		3	10
	SIG: TAKE 2 TABLET(S) PO FOUR TIMES A DAY							
Non-VA MEDS (Not dispensed by VA) (1 order)								
16	TAMOXIFEN CITRATE 10MG TABS			Date Documented: 06/04/07				
	SIG: TAKE 2 TABLET(S) PO FOUR TIMES A DAY							
Enter ?? for more actions								
CV	Change View		PI	Patient Information		SIG Show/Hide SIG		
GS	Group by Status		RF	Refill				
Select: Quit//								

**Example 5: Group By Status action**

Enter GS at the “Select” prompt to group/ungroup list by Rx status.

Patient Medication Profile			Jun 04, 2007@19:22:16		Page: 1 of 1			
OPPATIENT,ONE					<A>			
PID: 000-12-5678			HEIGHT(cm): 175.26		(11/21/2006)			
DOB: NOV 28,1900 (111)			WEIGHT(kg): 108.18		(08/09/2007)			
SEX: MALE			EXP/CANCEL CUTOFF: 120 DAY					
#	Rx#	DRUG [^]	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
ACTIVE (6 orders)								
1	100004112	ALBUTEROL INHALER	1	A	04-21-07	04-21-07	11	7
2	100004113	AMITRIPTYLINE 10MG TAB	60	A	04-21-07	04-21-07	11	30
3	100004022\$e	DIGOXIN 0.05MG/ML ELIX (60CC)	30	A	02-01-07	02-20-07	10	90
4	100004083	METAPROTERENOL 5% SOLUTION 10ML	15	A>	06-02-07	06-23-07	11	15
5	100004079	NICOTINE 10MG/ML SOLN NASAL SPRAY	1	A>	06-02-07	06-23-07	11	15
6	100003298A	SODIUM CHLORIDE 0.9% NASAL SOLN(O	1	A	05-10-07	05-10-07	11	30
DISCONTINUED (4 orders)								
7	300483e	ALPRAZOLAM 0.25MG TABS	30	DC	06-14-07	06-14-07	11	30
8	100004081	METAPROTERENOL 5% SOLUTION 10ML	15	DC	06-02-07	06-03-07	11	15
9	100004082	METAPROTERENOL 5% SOLUTION 10ML	10	DC	06-02-07	06-03-07	11	10
10	100003298	SIMVASTATIN 20MG TAB	5	DC	05-28-05	04-27-07	3	30
SUSPENDED (2 orders)								
11	100004155	DESIPRAMINE 25MG	90	S	02-23-07	02-11-07	11	90
12	100004070e	VALSARTAN 80MG TAB	5	S	06-28-07	05-31-07	11	30
EXPIRED (1 order)								
13	100004075e	CABERGOLINE 0.5MG TAB	7	E	05-18-05	05-18-05	6	7
PENDING (2 order)								
14	ALBUTEROL INHALER			RF	06-03-07		2	30
15	AMITRIPTYLINE 10MG TAB			RN	06-02-07		3	10
Non-VA MEDS (Not dispensed by VA) (1 order)								
16	TAMOXIFEN CITRATE 10MG TABS		Date Documented: 06/04/07					
Enter ?? for more actions								
CV Change View		PI Patient Information		SIG Show/Hide SIG				
GS Group by Status		RF Refill						
Select: Quit//								



### Example 6: Refill action

Enter RF at the “Select” prompt to request a refill for one or more prescriptions as shown below. This action is also available after selecting a specific prescription.

```
Enter ?? for more actions
CV Change View      PI Patient Information  SIG Show/Hide SIG
GS Group by Status  RF Refill
Select: Quit// RF   Refill
Barcode Refill? NO//
Select Orders by number: (1-16): ?

This response must be a list or range, e.g., 1,3,5 or 2-4,8.

Select Orders by number: (1-16): 2
FILL DATE: (5/2/2011 - 11/2/2011): TODAY// (JUL 12, 2011)
MAIL/WINDOW: MAIL// MAIL
Now refilling Rx# 100004113 Drug: AMITRIPTYLINE 10MG TAB

Qty: 120          Sig: TAKE ONE TABLET BY MOUTH FOUR TIMES A DAY

RX# 100004113 has been suspended until 07-12-11.
```

---

**NOTE:** The system has the flexibility to sort the Medication Profile by different columns (RX, drug name, date, etc). When selecting a range of prescriptions from the Medication Profile to be refilled, selection is not limited to active prescriptions. If discontinued or expired prescriptions are included in a range, the system will display a message stating the status of each prescription as they are processed within the range. For example:

Cannot refill Rx # 100002897, Rx is in DISCONTINUED status.

*(This page included for two-sided copying.)*



# Chapter 16: About the Output Reports Menu

---

This chapter describes the options on the *Output Reports* menu.

## Output Reports

### [PSO OUTPUTS]

The *Output Reports* menu generates a variety of management reports. These reports contain current medication profiles, utilization, cost, and workload information that help management maintain the highest level of patient care.

The following reports and menus are available on the *Output Reports* menu:

- *Action Profile (132 COLUMN PRINTOUT)*
- *Alpha Drug List and Synonyms*
- *AMIS Report*
- *Bad Address Reporting Main Menu ...*
- *CMOP Controlled Substance Rx Dispense Report*
- *Commonly Dispensed Drugs*
- *Cost Analysis Reports ...*
- *Daily AMIS Report*
- *Drug List By Synonym*
- *Free Text Dosage Report*
- *Inactive Drug List*
- *Internet Refill Report*
- *List of Patients/Prescriptions for Recall Notice*
- *List Prescriptions on Hold*
- *Management Reports Menu ...*
- *Medication Profile*
- *Monthly Drug Cost*
- *Narcotic Prescription List*
- *Non-Formulary List*
- *Non-VA Meds Usage Report*
- *Poly Pharmacy Report*
- *Prescription List for Drug Warnings*
- *Released and Unreleased Prescription Report*

## Action Profile (132 COLUMN PRINTOUT)

### [PSO ACTION PROFILE]

This option provides a list of a patient's active prescriptions, the expired and canceled prescriptions that may be renewed, and any Non-VA Med orders documented via the CPRS GUI application, and any remote prescriptions the patient may have are added to the end of the list as shown in the following report. Each prescription is followed by a place for the provider to indicate the action, renew or discontinue. This profile can be printed for an individual patient, for all patients with appointments in a clinic, all patients in all clinics, or for a clinic group.

In addition, a polypharmacy report can be printed with the action/informational profile. To get this report, answer **Yes** to the "POLYPHARMACY W/ACTION PROFILE" prompt in the *Site Parameter Enter/Edit* option to turn on this site parameter. This profile can be printed in an 80- or 132-column format. The Action Profile must be sent to a printer.

Barcodes may not show up on the action profile if the site parameters have not been set up for them.

If a prescription is for a drug marked for lab monitoring, the most recent lab result will be printed.

Copay affects the output report for this option. The letters SC (service connected) and NSC (non-service connected) will print on the same line as the RENEW/MD line only if the Veteran is rated service connected less than 50% and the prescription is not a supply item. This allows the physician to indicate (circle) the correct Veteran eligibility so that the Veteran may be charged a copay for the prescription, if applicable.

This report now displays **\*\*BAD ADDRESS INDICATED\*\*** if the patient has a bad address indicator. Also, if a temporary address has no end date, the following text is now displayed: "(Temp address from XXX 99,9999 till (no end date))".



If the prescription has been returned to stock, the letter (R ) will appear next to the last fill date.

### Example: Action Profile Report

```
Select Output Reports Option: action Profile (132 COLUMN PRINTOUT)
Action or Informational (A or I): A// I Informational
By Patient, Clinic or Clinic Group (P/C/G): P// <Enter> atient
Do you want this Profile to print in 80 column or 132 column: 132// <Enter>
Select PATIENT NAME: OPPATIENT,TEN OPPATIENT,TEN SC VETERAN

Profile Expiration/Discontinued Cutoff: (0-9999): 120// <Enter>
DEVICE: [Select Print Device] GENERIC INCOMING TELNET
```

-----example continues-----

Informational Rx Profile Run Date: JUL 11,2007 Page: 1  
 Sorted by drug classification for Rx's currently active and for those Rx's that have been inactive less than 120 days.  
 Site: VAMC ALBANY (500)

-----  
 Name : OPPATIENT,TEN  
 DOB : APR 4,1944 Address : 4 ANYSTREET DR.  
 ANYCITY, NEW YORK 12345  
 Phone : 723-5678

WEIGHT (Kg) : HEIGHT (cm) :  
 DISABILITIES:

ALLERGIES: ASPIRIN-DRUG, METRONIDAZOLE 250MG TAB, METRONIDAZOLE PWDR, PENICILLIN

ADVERSE REACTIONS:

-----  
 Medication/Supply Rx#  
 Status Expiration Provider  
 Date  
 Classification: CN101 - OPIOID ANALGESICS  
 ACETAMINOPHEN AND CODEINE 30MG Qty: 40 for 31 Days 100003  
 273 Active 07-16-2007 OPPROVIDER,ONE  
 COSIGNER: OPPROVIDER,FOUR  
 Sig: TAKE 2 TABLETS BY BY MOUTH EVERY SU FOR 10 DAYS WITH FOOD  
 Filled: 06-15-2007 Past Fills: 06-15-2007  
 Remaining Refills: 0 Clinic: INFIRMARY  
 Price: \$1.48

-----PENDING ORDERS-----

Drug: ASPIRIN BUFFERED 325MG TAB  
 Eff. Date: 10-04-2000Qty: 10 Refills: 3 Prov: OPPROVIDER,ONE  
 Sig: TAKE 1 CAP,ORAL BY BY MOUTH TWICE A DAY

Drug: HYDROCHLOROTHIAZIDE 50MG  
 Eff. Date: 10-04-2000Qty: 10 Refills: 3 Prov: OPPROVIDER,ONE  
 Sig: TAKE 2 TAB BY BY MOUTH TWICE A DAY

Patient: OPPATIENT,TEN      DOB: 04/04/1944

```
=====
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: PSOPROVIDER,ONE

712886        DILTIAZEM (INWOOD) 240MG CAP,SA  A    30  11/28/08  11/28/08
SIG: TAKE ONE CAPSULE BY MOUTH EVERY DAY
PROVIDER: PSOPROVIDER,ONE

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 INTRUCT ION ON SIG1 TESTING FOR
      PATIENT INTRUCTION ON SIG1 TESTING FOR PATIENT
      REPLACE IENT WITH IENT TESTING FOR PATIENT
      INTRUCTION ON SIG1 TESTING FOR PATI
PROVIDER: PSOPROVIDER,ONE
=====
```

### Example: Action Profile with the Polypharmacy Report

```
Select Outpatient Pharmacy Manager Option: Output Reports

Select Output Reports Option: Action Profile (132 COLUMN PRINTOUT)
Action or Informational (A or I): A// <Enter>   Action
Do you want generate a Polypharmacy report?: NO// YES
Minimum Number of Active Prescriptions: (1-100): 7// <Enter>
By Patient, Clinic or Clinic Group (P/C/G): P// ?

Enter 'P' to print by patient
      'C' for printing by clinic
      'G' for printing by clinic group
      'E' to exit process

      Select one of the following:

          P          Patient
          C          Clinic
          G          Clinic Group
          E          Exit

By Patient, Clinic or Clinic Group (P/C/G): P// G Clinic Group
Select Clinic Sort Group: WEST CLINIC
FOR DATE: 021007 (FEB 10, 2007)
Profile Expiration/Discontinued Cutoff: (0-9999): 120// <Enter>
Select a Printer: [Select Print Device]
DO YOU WANT YOUR OUTPUT QUEUED? NO// <Enter> (NO)

Select Clinic Sort Group: <Enter>
```

## Alpha Drug List and Synonyms

### [PSO ALPHA]

This report lists all drugs in alphabetical order by generic name. Any existing synonyms for each drug are listed in lowercase letters under the generic name.

## AMIS Report

### [PSO AMIS]

This report lists prescription statistics that are required by the VA Central Office. For a multidivisional site, the print device will report each division's statistics on a separate page with the grand totals on the last page. This report must be printed on a 132-column printer.



Month/day/year may be specified for a current month report, but only month and year can be specified for reports of past months.



## Bad Address Reporting Main Menu

### [PSO BAI REPORT]

The Bad Address Reporting Main Menu provides the following options:

- *Bad Address Suspended List*
- *List Prescriptions Not Mailed*

## Bad Address Suspended List

### [PSO BAI SUSPENDED]

This option identifies prescriptions for Veterans with either Bad Address Indicated, Do Not Mail, for Foreign Address, as well as no active temporary address, giving the user the opportunity to be proactive regarding prescriptions that when Printed or Pulled Early from Suspense, would be unable to be mailed.

### Example: Bad Address Suspended List Report

```
Select Output Reports Option: Bad Address Reporting Main Menu

Select Bad Address Reporting Main Menu Option: Bad Address Suspended List

This option shows unprinted suspended prescriptions for the following:

- BAD ADDRESS INDICATOR set in the PATIENT file (#2) and no active temporary
address
- DO NOT MAIL set in the PHARMACY PATIENT file (#55)
- FOREIGN ADDRESS set in the PATIENT file (#2) and no active US temporary
address

      Select one of the following:

          B          Bad Address Indicator
          D          Do Not Mail
          F          Foreign
          A          All

Print for Bad Address Indicator/Do Not Mail/Foreign/All (B/D/F/A): A// <Enter>
All

Ending suspense date: 08.15.07 (AUG 15, 2007)

      You are logged in under the ALBANY division.

Print only those Rx's suspended for this division? Yes// <Enter> YES
DEVICE: HOME// [Select Print Device]
```

-----example continues-----

### Example: Bad Address Suspended List Report (continued)

```
Suspense BAI/DO NOT MAIL/FOREIGN ADRESS report - division = ALBANY PAGE: 1
for suspense dates through AUG 15, 2007                                     B/D/F
-----
OPPATIENT,NINETYFIVE      (00-6666)
AUG 13, 2007      Rx#: 100002466  AMOXICILLIN 250MG CAP                      D

OPPATIENT,SEVEN          (00-0175)
JUL 02, 2007      Rx#: 100002097  PLACEBO TAB                              B

NOTE: B=BAD ADDRESS INDICATOR  D=NO NOT MAIL  F=FOREIGN ADDRESS

End of Report.
Press Return to continue:
```

### List Prescriptions Not Mailed

#### [PSO BAI NOT MAILED]

This option provides a report of prescriptions with a routing of Mail that were not mailed due to a bad address.

### CMOP Controlled Substance Rx Dispense Report

#### [PSO CMOP CS RX DISPENSE REPORT]

This report provides a log of controlled substance prescriptions dispensed by a CMOP. This report can be sorted by release date or alphabetically by drug name. It displays the Release Date, Patient Name, Prescription Number, CMOP Status, and CMOP facility at which the prescription was filled. This report is designed to print on a 132-column printer and it is recommended that the printing be queued.

### Commonly Dispensed Drugs

#### [PSO COMMON]

This report lists the drugs with the greatest number of fills during a selected period of time. For multidivisional sites, the print device will report each division's statistics on a separate page.

## **Cost Analysis Reports**

### **[PSO COMMON]**

This menu contains twelve different reports of cost analysis using existing data. Data for these reports are already compiled, so they print relatively quickly.

### **Clinic Costs**

#### **[PSO CLINIC COSTS]**

This report contains data on all the prescriptions filled during the user specified time period for a specific clinic or for clinics.

### **Division Costs by Drug**

#### **[PSO DIV COSTS BY DRUG]**

This report contains data on all prescriptions filled during a user specified period of time for one or more pharmacy divisions at a single site.

### **Drug Costs**

#### **[PSO DRUG COSTS]**

This report contains data on all prescriptions filled during a user specified time period for a specific drug or all drugs on file.

### **Drug Costs by Division**

#### **[PSO COST BY DIVISION]**

This report contains data on all prescriptions filled during a user specified period of time at a specific pharmacy division or for all pharmacy divisions.

### **Drug Costs by Division by Provider**

#### **[PSO COST DIVISION BY PROVIDER]**

This report contains drug costs during a user specified period of time sorted by division or divisions and within the division by provider.

### **Drug Costs by Provider**

#### **[PSO COST BY PROVIDER]**

This report contains data on all prescriptions filled during a specified period of time sorted by a drug or all drugs for each provider.

### **High Cost Rx Report**

#### **[PSO HI COST]**

This report lists all prescriptions filled during the specified time period that cost more than the user specified dollar limit.

## **Patient Status Costs**

### **[PSO COST BY PATIENT STATUS]**

This report displays data on all prescriptions filled during a user specified period of time for a specific patient status.

## **Pharmacy Cost Statistics Menu**

### **[PSO COST STAT MENU]**

This menu contains options for pharmacy cost statistics data.

### **Pharmacy Statistics**

#### **[PSO COST STATISTICS]**

This report contains cost information and other statistics for all prescriptions filled during a user specified period of time.

### **Sort Statistics By Division**

#### **[PSO COST STATS BY DIVISION]**

This report sorted by division contains cost information and other statistics for all prescriptions filled during a user specified period of time.

## **Provider by Drug Costs**

### **[PSO COST PROVIDER BY DRUG]**

This report sorted by provider displays data on all prescriptions filled for each drug during a user specified period of time.

## **Provider Costs**

### **[PSO COST PER PROVIDER]**

This report displays the total prescription and cost data for prescriptions sorted by provider for a user specified period of time.

## **Request Statistics**

### **[PSO REQ STATS]**

This report displays the total number of requests for service, average cost for each request, and average number of fills per request for a user specified period of time.

## **Daily AMIS Report**

### **[PSO DAILY AMIS]**

This report contains Automated Management Information System (AMIS) data for a selected day, month, and quarter. Output includes daily, monthly, and quarter AMIS totals.

## **Drug List By Synonym**

### **[PSO SYNONYM]**

This report lists all active drugs in alphabetical order by synonym. The drug is listed once for each synonym.

## Free Text Dosage Report

### [PSO DOSAGE REPORT]

This report provides a list of drugs for prescriptions having a Dosage Ordered entry that is free text or a dosage that results in the calculation of the number of tablets. This report is designed to help identify all such entries so that sites can determine if these dosages should be added to the Local Possible Dosages in the DRUG file, which would make them selectable during the medication order entry process.

#### Example: Free Text Dosage Report

Run Date: NOV 13,2006		Page 1
Free Text Dosage Entry Report		
for the Period: APR 27,2006 to NOV 13,2006		
Drug	Free Text Entry	Count
Provider:Count		
-----		
ACETAMINOPHEN AND CODEINE 30MG (342)	3 TABLETS	3
OPPROVIDER24,TWO:3		
ALCOHOL PREP PADS (3718)	1 PAD	2
OPPROVIDER13,TWO:2		
	PAD	1
OPPROVIDER13,TWO:1		
AMINOPHYLLINE 500MG SUPP (3422)	1 SUPPOSITORY(IES) 500MG	1
OPPROVIDER13,TWO:1		
ASPIRIN BUFFERED 325MG TAB (280)	1625MG	2
OPPROVIDER24,TWO:2		
	975MG	3
OPPROVIDER24,TWO:2 OPPROVIDER13,TWO:1		

## Inactive Drug List

### [PSO INACTIVE]

This report lists those drugs on file that have been inactivated.

VA FileMan sorts this report. If the user does not have VA FileMan experience, it is strongly recommended that the local IRMS staff be contacted before running this report.

## Internet Refill Report

### [PSO INTERNET REFILL REPORT]

This option generates a list of all Internet Refill prescriptions sorted by Patient, Date, or Result for one division or for all. This report can be printed in detail or summary format.

#### Example: Internet Refill Report – Detailed report, sorted by patient

```
Select Output Reports Option:  Internet Refill Report

You may select a single or multiple DIVISIONS,
or enter ^ALL to select all DIVISIONS.

DIVISION:    ALBANY  500      ALBANY

ANOTHER ONE: <Enter>

Beginning Date: 06.27.07  (JUN 27, 2007)

Ending Date: 08.16.07  (AUG 16, 2007)

      Select one of the following:

          P      Patient
          D      Date
          R      Result

Sort by Patient/Date/Result (P/D/R): R// Patient

      Select one of the following:

          D      Detail
          S      Summary

Print Detail/Summary report (D/S): S// Detail

Do you want this report to print in 80 or 132 column format: 80// <Enter>

DEVICE: HOME// [Select Print Device]
-----example continues-----
```

**Example: Internet Refill Report – Detailed report, sorted by patient (continued)**

INTERNET REFILL REPORT BY PATIENT - Detail    AUG 16,2007 15:29:56    PAGE: 1  
Not Filled - For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY

Patient	Reason	Rx #	Date
OPPATIENT,ELEVEN (0359)		100002461	08/10/07
	Patient Died on AUG 10, 2007		
		100002461	08/21/07
Total transactions for patient = 1			
OPPATIENT,NINETEEN (0000)		10064	07/26/07
	Cannot refill Rx # 10064 Rx is in DISCONTINUED status		
		100002419	07/20/07
	Cannot refill Rx # 100002419		
		100002421	08/02/07
	Cannot refill Rx # 100002421		
		100002422	08/03/07
	Cannot refill Rx # 100002422		
Total transactions for patient = 4			
OPPATIENT,FOUR (0358)		10065	07/26/07
	Cannot refill Rx # 10065 Narcotic Drug		
Total transactions for patient = 1			
OPPATIENT,ONE (0285)		100002435	07/30/07
	Cannot refill Rx # 100002435		
Total transactions for patient = 1			
OPPATIENT,SEVEN (0117)		100002432	07/30/07
	Cannot refill Rx # 100002432		
Total transactions for patient = 1			
OPPATIENT,TWO (0270)		100002424	07/26/07
	Cannot refill Rx # 100002424		
Total transactions for patient = 1			
Total transactions for date range JUN 27, 2007 through AUG 16, 2007 = 9			
Press Return to continue: <Enter>			
** END OF REPORT **			



### Example: Internet Refill Report – Summary report, sorted by patient

Select Output Reports Option: **Internet** Refill Report

You may select a single or multiple DIVISIONS,  
or enter ^ALL to select all DIVISIONS.

DIVISION: **ALBANY** 500 ALBANY

ANOTHER ONE: **<Enter>**

Beginning Date: **06.27.07** (JUN 27, 2007)

Ending Date: **08.16.07** (AUG 16, 2007)

Select one of the following:

P	Patient
D	Date
R	Result

Sort by Patient/Date/Result (P/D/R): R// **Patient**

Select one of the following:

D	Detail
S	Summary

Print Detail/Summary report (D/S): S// **Summary**

DEVICE: HOME// **[Select Print Device]**

INTERNET REFILL REPORT BY PATIENT - Summary AUG 16,2007 15:30:26 PAGE: 1  
For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY

Patient	Filled	Not Filled	Total
OPPATIENT,ELEVEN (0359)	0	1	1
OPPATIENT,NINETEEN (0000)	2	4	6
OPPATIENT,FOUR (0358)	0	1	1
OPPATIENT,ONE (0285)	1	1	2
SURPATIENT,EIGHTYFIVE (0356)	1	0	1
OPPATIENT,SEVEN (0117)	0	1	1
OPPATIENT,TWO (0270)	0	1	1
COUNT:	4	9	13

Press Return to continue: **<Enter>**

\*\* END OF REPORT \*\*

### Example: Internet Refill Report – Detailed report, sorted by date

Select Output Reports Option: **Internet** Refill Report

You may select a single or multiple DIVISIONS,  
or enter ^ALL to select all DIVISIONS.

DIVISION: **ALBANY** 500 ALBANY

ANOTHER ONE: **<Enter>**

Beginning Date: **06.27.07** (JUN 27, 2007)

Ending Date: **08.16.07** (AUG 16, 2007)

Select one of the following:

P	Patient
D	Date
R	Result

Sort by Patient/Date/Result (P/D/R): R// **Date**

Select one of the following:

D	Detail
S	Summary

Print Detail/Summary report (D/S): S// **Detail**

Do you want this report to print in 80 or 132 column format: 80// **<Enter>**

DEVICE: HOME// **[Select Print Device]**

INTERNET REFILL BY DATE - Detail AUG 16,2007@15:30 PAGE: 1  
Not Filled - For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY

Patient	Rx #	Date
-----		
JUL 20, 2007		
OPPATIENT,NINETEEN (0000)	100002419	
	Cannot refill Rx # 100002419	
Count: 1		
JUL 26, 2007		
OPPATIENT,TWO (0270)	100002424	
	Cannot refill Rx # 100002424	
OPPATIENT,FOUR (0358)	10065	
	Cannot refill Rx # 10065 Narcotic Drug	
OPPATIENT,NINETEEN (0000)	10064	
	Cannot refill Rx # 10064 Rx is in DISCONTINUED status	
Count: 3		
JUL 30, 2007		
OPPATIENT,SEVEN (0117)	100002432	
	Cannot refill Rx # 100002432	
OPPATIENT,ONE (0285)	100002435	
	Cannot refill Rx # 100002435	
Count: 2		

-----example continues-----

**Example: Internet Refill Report – Detailed report, sorted by date (continued)**

AUG 02, 2007

Press Return to continue, '^' to exit: **<Enter>**

INTERNET REFILL BY DATE - Detail                      AUG 16, 2007@15:30                      PAGE: 2  
Not Filled - For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY

Patient	RX #	RESULT/REASON
-----		
OPPATIENT,NINETEEN (0000)	100002421	Cannot refill Rx # 100002421
		Cannot refill Rx # 100002421
Count: 1		

AUG 03, 2007

OPPATIENT,NINETEEN (0000)	100002422	Cannot refill Rx # 100002422
		Cannot refill Rx # 100002422
Count: 1		

AUG 10, 2007

OPPATIENT,ELEVEN (0359)	100002461	Patient Died on AUG 10, 2007
Count: 1		

Total transactions for date range JUN 27, 2007 through AUG 16, 2007 = 9

Press Return to continue: **<Enter>**

\*\* END OF REPORT \*\*

### Example: Internet Refill Report – Summary report, sorted by date

Select Output Reports Option: **Internet** Refill Report

You may select a single or multiple DIVISIONS,  
or enter ^ALL to select all DIVISIONS.

DIVISION: **ALBANY** 500 ALBANY

ANOTHER ONE:

Beginning Date: **06.27.07** (JUN 27, 2007)

Ending Date: **08.16.07** (AUG 16, 2007)

Select one of the following:

P	Patient
D	Date
R	Result

Sort by Patient/Date/Result (P/D/R): R// **Date**

Select one of the following:

D	Detail
S	Summary

Print Detail/Summary report (D/S): S// **Summary**

DEVICE: HOME// **[Select Print Device]**

INTERNET REFILL BY DATE - Summary      AUG 16,2007@15:31      PAGE: 1  
For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY

Date Processed	Filled	Not Filled	Total
JUN 28, 2007	1	0	1
JUL 17, 2007	1	0	1
JUL 20, 2007	0	1	1
JUL 23, 2007	1	0	1
JUL 26, 2007	0	3	3
JUL 30, 2007	0	2	2
AUG 02, 2007	0	1	1
AUG 03, 2007	0	1	1
AUG 10, 2007	0	1	1
AUG 15, 2007	1	0	1
COUNT:	4	9	13

Press Return to continue: **<Enter>**

**\*\* END OF REPORT \*\***

### Example: Internet Refill Report – Detailed report, sorted by result

```
Select Output Reports Option: Internet Refill Report

You may select a single or multiple DIVISIONS,
or enter ^ALL to select all DIVISIONS.

DIVISION:   ALBANY   500       ALBANY

ANOTHER ONE: <Enter>

Beginning Date: 06.27.07   (JUN 27, 2007)

Ending Date: 08.16.07   (AUG 16, 2007)

    Select one of the following:

        P           Patient
        D           Date
        R           Result

Sort by Patient/Date/Result (P/D/R): R// Result

    Select one of the following:

        D           Detail
        S           Summary

Print Detail/Summary report (D/S): S// Detail

Do you want this report to print in 80 or 132 column format: 80// <Enter>

DEVICE: HOME// [Select Print Device]
```

```
INTERNET REFILL REPORT BY RESULT - Detail      AUG 16,2007@15:31      PAGE: 1
Not Filled - For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY
```

Patient	Reason	Rx #	Date
OPPATIENT,SEVEN (0117)	Cannot refill Rx # 100002432	100002432	07/30/07
OPPATIENT,TWO (0270)	Cannot refill Rx # 100002424	100002424	07/26/07
OPPATIENT,ONE (0285)	Cannot refill Rx # 100002435	100002435	07/30/07
OPPATIENT,FOUR (0358)	Cannot refill Rx # 10065 Narcotic Drug	10065	07/26/07
OPPATIENT,ELEVEN (0359)	Patient Died on AUG 10	100002461	08/10/07

-----example continues-----

**Example: Internet Refill Report – Detailed report, sorted by result (continued)**

```
OPPATIENT,NINETEEN (0000)      10064      07/26/07
      Cannot refill Rx # 10064 Rx is in DISCONTINUED status
      100002419      07/20/07
      Cannot refill Rx # 100002419
      100002421      08/02/07
      Cannot refill Rx # 100002421
      100002422      08/03/07
      Cannot refill Rx # 100002422

Total transactions for date range JUN 27, 2007 through AUG 16, 2007 = 9

Press Return to continue: <Enter>

** END OF REPORT **
```

### Example: Internet Refill Report – Summary report, sorted by result

Select Output Reports Option: **Internet** Refill Report

You may select a single or multiple DIVISIONS,  
or enter ^ALL to select all DIVISIONS.

DIVISION: **ALBANY** 500 ALBANY

ANOTHER ONE: **<Enter>**

Beginning Date: **06.27.07** (JUN 27, 2007)

Ending Date: **08.16.07** (AUG 16, 2007)

Select one of the following:

P	Patient
D	Date
R	Result

Sort by Patient/Date/Result (P/D/R): R// **Result**

Select one of the following:

D	Detail
S	Summary

Print Detail/Summary report (D/S): S// **Summary**

DEVICE: HOME// **[Select Print Device]**

INTERNET REFILL REPORT BY RESULT - Summary AUG 16,2007@15:31 PAGE: 1  
For date range JUN 27, 2007 through AUG 16, 2007 for ALBANY

Result	Count
Filled	3
Not Filled	9

Total: 12

Press Return to continue: **<Enter>**

\*\* END OF REPORT \*\*

*(This page included for two-sided copying.)*



## List of Patients/Prescriptions for Recall Notice

### [PSO RECALL LIST]

This report lists prescriptions containing medications associated with specific recall criteria, such as lot numbers and/or National Drug Code (NDC) numbers.

This new option has been placed under the Output Reports [PSO OUTPUTS] menu and prompts the user for the following criteria:

- *Division*
- *Prescription Release Date Range*
- *Inclusion/Exclusion of Deceased Patients*
- *Medication Identifier*

One of the following four medication identifiers may be selected:

*1-NDC code*

*2-Dispense Drug and Lot Number*

*3-Dispense Drug only*

*4-Drug Name (VA Generic or Orderable Item)*

### Example: List of Patients/Prescriptions for Recall Notice – Input

```
Division: ^ALL
From Release Date: T-90//  (OCT 30, 2009)
To Release Date: T//  (JAN 28, 2010)

Exclude Deceased Patients? YES//
  Select one of the following:

      1          NDC
      2          DISPENSE DRUG AND LOT NUMBER
      3          DISPENSE DRUG
      4          DRUG NAME (VA GENERIC OR ORDERABLE ITEM)

Select 1-4 : 4  DRUG NAME (VA GENERIC OR ORDERABLE ITEM)

VA GENERIC DRUG: PREDNISONE

Dispense Drugs
-----
1 - PREDNISONE 1MG TAB
2 - PREDNISONE 5MG TAB
3 - PREDNISONE 20MG S.T.

Enter a list or range of numbers (1-3): 1-3

VA GENERIC DRUG:

** To avoid undesired wrapping of the output data, **
** please enter '0;256;999' at the 'DEVICE:' prompt. **

DEVICE: HOME// 0;256;999  GENERIC INCOMING TELNET
```

### Example: List of Patients/Prescriptions for Recall Notice – Input (continued)

Before continuing, please set up your terminal to capture the detailed report data. On some terminals, this can be done by clicking on the 'Tools' menu above, then click on 'Capture Incoming Data' to save to Desktop. This report may take a while to run.

The output of this report is in a delimited output format suitable for export to MS Excel and includes data from original prescription fills, refills, partial fills, and Consolidated Mail Outpatient Pharmacy (CMOP) fills. The report output is sorted primarily by patient name and secondarily by prescription number.

Each fill of the prescription is printed on a separate line preceded by a "HEADER" line containing patient demographic information. Each prescription detail line starts with a double backslash followed by an identifier to denote the type of fill (ORIGINAL, REFILL, PARTIAL, or CMOP).

### Example: List of Patients/Prescriptions for Recall Notice – Output

```
\\HEADER\\^RX #^DRUG NAME^PATIENT^SSN^ADDRESS 1^ADDRESS 2^ADDRESS
3^CITY^STATE^ZIP^PHONE (HOME)^PHONE (WORK)^PHONE (CELL)^DECEASED?
\\ORIGINAL\\^RX #^ISSUE DATE^FILL DATE^RELEASED DATE/TIME^EXPIRATION
DATE^LOT #^NDC^DIVISION^PHARMACIST^PROVIDER^RETURNED TO STOCK^PATIENT
STATUS^QTY PER DAY^# OF REFILLS^MAIL/WINDOW
\\REFILL\\^RX #^REFILL DATE^RELEASED DATE/TIME^QTY PER DAY^LOT#^NDC^
DIVISION^RETURNED TO STOCK^PROVIDER^PHARMACIST NAME^MAIL/WINDOW
\\PARTIAL\\^RX #^PARTIAL DATE^RELEASED DATE/TIME^NDC^LOT #^QTY PER DAY
^DIVISION^ RETURNED TO STOCK^PROVIDER^PHARMACIST NAME^FILLING PERSON^
REMARKS^MAIL/WINDOW
\\CMOP\\^RX #^TRANSMISSION NUMBER^SEQUENCE #^NDC SENT^NDC RECEIVED^RX
INDICATOR^STATUS^CANCELLED DATE/TIME^CANCELLED REASON^RESUBMIT STATUS^
DATE SHIPPED^CARRIER^PACKAGE ID

\\HEADER\\^301188^PREDNISONE 20MG S.T.^SURPAT,RODNEY^666000148^123
^^^TROY^NEW YORK^12180^^^N
\\ORIGINAL\\^301188^9/25/07^9/25/07^9/25/07 15:10:33^9/25/08^^^TROY^
PHARNAM,DAVID^DOCNAM,SUZY^^SC LESS THAN 50%^2^11^W
\\REFILL\\^301188^11/14/07^11/14/07 11:09:40^2^^^TROY^^PHARNAM,DAVID^
DOCNAM,SUZY^W
\\CMOP\\^301188^179^1^11/18/07 10:22^11/18/07 11:17^2^TRANSMITTED^^^
11/19/07^^
\\HEADER\\^100002832^PREDNISONE 20MG S.T.^TRAPATNM,STEVE^ 666000187^12345
^^^TROY^NEW YORK^12180^518-472-4307^^^N
\\ORIGINAL\\^100002832^2/8/10^2/8/10^2/8/10 15:16:51^2/9/11^^00009-0165-02
^EXT^TESTMAN,PHARM^TESTMAN,PROV^^SC LESS THAN 50%^1^11^W
\\PARTIAL\\^100002832^2/8/10^2/8/10 15:16:51^^^1^EXT^^TESTMAN,PHARM
^TESTMAN,PROV^^W
```

## List Prescriptions on Hold

### [PSO HOLDRPT]

This report lists prescriptions that have a hold status.

## Management Reports Menu

### [PSO MGMT REPORT MENU]

With this menu the user can compile data for daily or monthly management reports. When the data has been compiled, the reports can be viewed on screen (132 columns) or printed on a 132-column printer.

#### **Important**

Before printing the first management report, the *Initialize Daily Compile* option must be run. This option compiles past management data for a user specified date range and then queues a job to run every morning at 1:00 a.m. to compile the previous day's data.

This menu contains the following options:

- *Daily Management Report Menu ...*
- *Date Range Recompile Data*
- *Initialize Daily Compile*
- *Monthly Management Report Menu ...*
- *One Day Recompile Data*
- *Purge Data*

## **Daily Management Report Menu**

### **[PSO MGMT REPORT DAILY MENU]**

This menu contains the following options for printing the daily management reports:

- *All Reports*
- *Cost of Prescriptions*
- *Count of Prescriptions*
- *Intravenous Admixture*
- *Type of Prescriptions Filled*

### **All Reports**

#### **[PSO MGMT REPORTS ALL DAILY]**

This option prints all of the daily management reports for Outpatient Pharmacy that includes the Intravenous Admixture, Cost of Prescriptions, Prescription Count, and Type of Prescriptions Filled reports. They can be printed for a specific division or for all divisions if the site is multidivisional.

### **Cost of Prescriptions**

#### **[PSO MGMT REPORT RX COSTS]**

This report contains the average cost and total cost for staff prescriptions, fee prescriptions, all prescriptions, equivalent fills, methadone prescriptions (if a methadone program exists), and participating pharmacies prescriptions.

### **Count of Prescriptions**

#### **[PSO MGMT REPORT RX COUNTS]**

This report contains the total number of prescriptions filled during the specified month(s). It contains the patient category, number of equivalent fills, total prescriptions, total methadone prescriptions (if a methadone program exists), and patient requests.

### **Intravenous Admixture**

#### **[PSO MGMT REPORT IV]**

This report contains the total, average cost for piggybacks and syringes, L.V.P., T.P.N., and Chemotherapy used for outpatients only. A grand total for each month is also provided.

### **Type of Prescriptions Filled**

#### **[PSO MGMT REPORT TYPE OF RX]**

This report contains the total number of prescriptions filled by fee and staff physicians, new and refill prescriptions, prescriptions sent by mail or dispensed at the window, prescriptions filled by participating pharmacies, and investigation drug prescriptions.

### **Date Range Recompile Data**

#### **[PSO MGMT RPT RANGE COMPILE]**

The management data for a user specified date range could be compiled/recompiled with this option. The data must be recompiled if prescription data has changed for prescriptions filled or refilled before today.

### **Initialize Daily Compile**

#### **[PSO MGMT RPT DAILY COMPILE]**

This option queues a job to run every day at 1:00 a.m. to compile the previous day's management reports data. It also compiles the management data for a specific date range. When initializing the compiling of data prior to yesterday's date, the default date will be either today plus 1 at 1:00 a.m. (T+1@01:00) if the option has never been queued or the date and time this option has already been queued to run.

This option must be run to initialize the compiling of management report data before the management reports are printed.

## **Monthly Management Report Menu**

### **[PSO MGMT REPORT MONTHLY MENU]**

This menu contains options for printing the monthly management reports. The monthly management reports can be printed for previous months, but not the current month. The options are:

- *All Reports*
- *Cost of Prescriptions*
- *Count of Prescriptions*
- *Intravenous Admixture*
- *Type of Prescriptions Filled*

### **All Reports**

#### **[PSO MGMT MONTHLY ALL REPORTS]**

Print all of the monthly management reports with this option. These reports include the Intravenous Admixture, Cost of Prescriptions, Count of Prescriptions, and Type of Prescriptions Filled reports.

### **Cost of Prescriptions**

#### **[PSO MGMT MONTHLY RX COSTS]**

This report contains the average and total cost for staff prescriptions, fee prescriptions, all prescriptions, equivalent fills, methadone prescriptions (if a methadone program exists), and participating pharmacies prescriptions.

### **Count of Prescriptions**

#### **[PSO MGMT MONTHLY RX COUNTS]**

This report contains the total number of prescriptions filled during the specified month(s). It includes the patient category, number of equivalent fills, total prescriptions, total methadone (if methadone program exists), and patient requests.

### **Intravenous Admixture**

#### **[PSO MGMT MONTHLY IV]**

This report contains the total and average cost for piggybacks and syringes, L.V.P., T.P.N., and Chemotherapy, plus the grand total for each month.

### **Type of Prescriptions Filled**

#### **[PSO MGMT MONTHLY TYPE OF RX]**

This report contains the number of prescriptions filled by fee and staff physicians, new and refill prescriptions, prescriptions sent by mail or dispensed at the window, prescriptions filled by participating pharmacies, and investigational drug prescriptions.

### **One Day Recompile Data**

#### **[PSO MGMT REPORT MONTHLY MENU]**

The management data for a user specified day can be compiled/recompiled with this option.

### **Purge Data**

#### **[PSO MGMT DATA PURGE]**

Delete data from the OUTPATIENT PHARMACY MANAGEMENT DATA file with this option. The default starting date will always be the first date in the file.

### **Medication Profile**

#### **[PSO P]**

This report is the same as the “Medication Profile” described in “Chapter 15: Using the Medication Profile”.

### **Monthly Drug Cost**

#### **[PSO MONTHLYCOST]**

This report lists the monthly drug costs and can be printed for a selected drug or all drugs. This report must be printed on a 132-column printer.

### **Narcotic Prescription List**

#### **[PSO NARC]**

This report lists the quantity, provider, fill date, patient, and patient ID for each prescription for narcotic drugs filled during the specified time period. This report must be printed on a 132-column printer.

## Non-Formulary List

### [PSO NONFORM]

This report lists all active drugs that have been designated as non-formulary. Non-formulary drugs are those that have not been approved for routine use by the Pharmacy and Therapeutics Committee of the medical center. These items can be dispensed under special circumstances when approved by the designated authority.

## Non-VA Meds Usage Report

### [PSO NON-VA MEDS USAGE REPORT]

This report lists the patient's Non-VA medical orders that are documented via the CPRS GUI package. The Patient Name, Order Status, Orderable Item, Date Documented, or Order Checks are the available sorting criteria for this report. (When sorting by Order Checks, the Non-VA Med orders with Order Checks will print before any Non-VA Med orders without Order Checks. When sorting by Status, the Active Non-VA Med orders will be displayed before the Inactive Non-VA Med orders.) It is an 80-column report available for printing to the screen or to a print device.

#### Example: Non-VA Meds Usage Report

```
Select Outpatient Pharmacy Manager Option: OUTPut Reports

Select Output Reports Option: NON-VA Non-VA Meds Usage Report
FROM DATE DOCUMENTED: 11.08.03 (NOV 08, 2003)

TO DATE DOCUMENTED: 02.06.04 (FEB 06, 2004)

Enter the SORT field(s) for this Report:

    1 - PATIENT NAME
    2 - ORDERABLE ITEM
    3 - DATE DOCUMENTED
    4 - STATUS
    5 - ORDER CHECKS

Or any combination of the above, separated by comma,
as in these examples:
    2,1 - BY ORDERABLE ITEM, THEN BY PATIENT NAME
    5,1,4 - BY ORDER CHECKS, THEN BY PATIENT NAME, THEN BY STATUS

SORT BY: PATIENT NAME// 1

SORT BY PATIENT NAME

You may select a single or multiple PATIENTS,
or enter ^ALL to select all PATIENTS.

PATIENT: OPPATIENT3,ONE  OPPATIENT3,ONE      2-23-54
PATIENT: OPPATIENT18,ONE OPPATIENT18,ONE     1-11-70
PATIENT:

DEVICE: HOME// <Enter>
```

-----example continues-----



### Example: Non-VA Meds Usage Report (continued)

```
Non-VA Meds Usage Report                                     Page: 1
Sorted by PATIENT NAME
Date Range: 10/29/2003 - 02/06/2004                        Run Date: Feb 06, 2004@13:51:08
-----
OPPATIENT3,ONE (ID:6789)                                     Patient Phone #: 555-555-5555
  Non-VA Med: ACIVICIN
  Dispense Drug:                                             Dosage: 2 ML
  Schedule: 3-4 TIMES A DAY                                Med Route: INTRAMUSCULAR
  Status: ACTIVE                                           CPRS Order #: 12510
  Documented By: OPCLERK10,FOUR                           Documented Date: 11/06/2003
  Clinic: 161 - LAB                                         Start Date: 01/01/2003

Statement/Explanation: Medication prescribed by Non-VA provider. PATIENT WANTED
                        TO BUY FROM WALGREENS BECAUSE OF COPAY.

  Non-VA Med: IMIPRAMINE
  Dispense Drug: IMIPRAMINE 50MG TAB                        Dosage: 50MG
  Schedule: FOUR TIMES A DAY AFTER MEALS                    Med Route: MOUTH
                & AT BEDTIME
  Status: DISCONTINUED on 12/20/2003                       CPRS Order #: 12514
  Documented By: OPCLERK16,FOUR                           Documented Date: 11/20/2003
  Clinic: 161 - LAB                                         Start Date: 11/01/2003

OPPATIENT18,ONE (ID: 6789)                                  Patient Phone #:
  Non-VA Med: RANITIDINE
  Dispense Drug: RANITIDINE 150MG TAB                       Dosage: 300MG
  Schedule: EVERY OTHER DAY                                Med Route: MOUTH
  Status: ACTIVE                                           CPRS Order #: 12593
  Documented By: OPCLERK1,FOUR                             Documented Date: 12/18/2003
  Clinic: 285 - DIABETIC                                   Start Date: 12/18/2003

Order Check #1: Duplicate drug class order: HISTAMINE ANTAGONISTS (NIZATIDINE
                CAP,ORAL 150MG TAKE TWO CAPSULES EVERY MORNING AND TAKE TWO
                CAPSULES EVERY EVENING WITH FOOD [ACTIVE])
  Override Reason: Doctor's Therapy
  Override Provider: OPPROVIDER21,TWO

Statement/Explanation: Non-VA medication not recommended by VA provider
=====
Total: 2 patients and 3 orders.
```



Non-VA Meds are automatically discontinued when a Date of Death has been entered for a patient. In the event a Date of Death is entered in-error and subsequently deleted, the Non-VA Meds will be automatically reinstalled to an active status if they were active before they were discontinued.

*(This page included for two-sided copying.)*

## Poly Pharmacy Report

### [PSO POLY]

This report lists a patient or patients with a selected minimum amount of prescriptions within a selected number of days. The Non-VA Med orders are included in the amount of prescriptions and are displayed, after all of the medications distributed by the VA, on this report. Only active prescriptions show on this report. The class column of this report is the drug classification from the DRUG file.

## Released and Unreleased Prescription Report

### [PSO RELEASE REPORT]

This report lists released and unreleased prescriptions by date range. The start date default is the date the package is installed and the end date default will be the current date.

## Prescription List for Drug Warnings

### [PSO RX LIST]

This report lists all prescriptions that have been finished with a particular medication(s) within a given date range.

This new option has been placed under the Output Reports [PSO OUTPUTS] menu and uses a sort template PSO DRUG WARNINGS.

### Example: Prescription List for Drug Warnings – Input

```

** To avoid undesired wrapping of the output data, **
** please enter '0;256;999' at the 'DEVICE:' prompt. **

EXCLUDE DECEASED PATIENTS (Y/N) Y// ES
START WITH DIVISION: FIRST//
  START WITH DRUG: FIRST//
    * Previous selection: FINISH DATE/TIME from Oct 25,2009 to Oct
27,2009@24:00
      START WITH FINISH DATE/TIME: Oct 25,2009// (OCT 25, 2009)
      GO TO FINISH DATE/TIME: Oct 27,2009// (OCT 27, 2009)
DEVICE:  GENERIC INCOMING TELNET

Before continuing, please set up your terminal to capture the
detailed report data. On some terminals, this can be done by
clicking on the 'Tools' menu above, then click on 'Capture
Incoming Data' to save to Desktop. This report may take a
while to run.

Press Return to Continue:
```

The output of this report is in a delimited output format suitable for export to MS Excel and includes data from original prescription fills, refills, partial fills, and Consolidated Mail Outpatient Pharmacy (CMOP) fills. The report output is sorted primarily by patient name and secondarily by prescription number.

Each fill of the prescription is printed on a separate line preceded by a "HEADER" line containing patient demographic information. Each prescription detail line starts with a double backslash followed by an identifier to denote the type of fill (ORIGINAL, REFILL, PARTIAL, or CMOP).

#### Example: Prescription List for Drug Warnings – Output

```

\\HEADER\^RX #^DRUG NAME^PATIENT^SSN^ADDRESS 1^ADDRESS 2^ADDRESS
3^CITY^STATE^ZIP^PHONE (HOME)^PHONE (WORK)^PHONE (CELL)^DECEASED?
\\ORIGINAL\^RX #^ISSUE DATE^FILL DATE^RELEASED DATE/TIME^EXPIRATION
DATE^LOT #^NDC^DIVISION^PHARMACIST^PROVIDER^RETURNED TO STOCK^PATIENT
STATUS^QTY PER DAY^# OF REFILLS^MAIL/WINDOW
\\REFILL\^RX #^REFILL DATE^RELEASED DATE/TIME^QTY PER DAY^LOT#^NDC^
DIVISION^RETURNED TO STOCK^PROVIDER^PHARMACIST NAME^MAIL/WINDOW
\\PARTIAL\^RX #^PARTIAL DATE^RELEASED DATE/TIME^NDC^LOT #^QTY PER DAY
^DIVISION^ RETURNED TO STOCK^PROVIDER^PHARMACIST NAME^FILLING PERSON^
REMARKS^MAIL/WINDOW
\\CMOP\^RX #^TRANSMISSION NUMBER^SEQUENCE #^NDC SENT^NDC RECEIVED^RX
INDICATOR^STATUS^CANCELLED DATE/TIME^CANCELLED REASON^RESUBMIT STATUS^
DATE SHIPPED^CARRIER^PACKAGE ID

\\HEADER\^301188^PREDNISONE 20MG S.T.^SURPAT,RODNEY^666000148^123
^^^TROY^NEW YORK^12180^^^N
\\ORIGINAL\^301188^9/25/07^9/25/07^9/25/07 15:10:33^9/25/08^^^TROY^
PHARNAM,DAVID^DOCNAM,SUZY^^SC LESS THAN 50%^2^11^W
\\REFILL\^301188^11/14/07^11/14/07 11:09:40^2^^^TROY^^PHARNAM,DAVID^
DOCNAM,SUZY^W
\\CMOP\^301188^179^1^11/18/07 10:22^11/18/07 11:17^2^TRANSMITTED^^^
11/19/07^^
\\HEADER\^100002832^PREDNISONE 20MG S.T.^TRPATNM,STEVE^ 666000187^12345
^^^TROY^NEW YORK^12180^518-472-4307^^^N
\\ORIGINAL\^100002832^2/8/10^2/8/10^2/8/10 15:16:51^2/9/11^^00009-0165-02
^EXT^TESTMAN,PHARM^TESTMAN,PROV^^SC LESS THAN 50%^1^11^W
\\PARTIAL\^100002832^2/8/10^2/8/10 15:16:51^^^1^EXT^^TESTMAN,PHARM
^TESTMAN,PROV^^W

```

# Chapter 17: Using the Pharmacy Intervention Menu

---

This chapter describes the options in the *Pharmacy Intervention Menu*.



This menu is locked with the PSORPH key.

## Pharmacy Intervention Menu

[PSO INTERVENTION MENU]

The *Pharmacy Intervention Menu* option enables the user to enter, edit, print, delete, or view interventions in the APSP INTERVENTION file.

The following options are available on this menu:

- *Enter Pharmacy Intervention*
- *Edit Pharmacy Intervention*
- *Print Pharmacy Intervention*
- *Delete Intervention*
- *View Intervention*

## Enter Pharmacy Intervention

[PSO INTERVENTION NEW ENTRY]

When it is necessary to interrupt the filling of a prescription to contact the provider in order to change, clarify, or cancel the prescription, use this option to add a new intervention entry into the APSP INTERVENTION file.

## Edit Pharmacy Intervention

[PSO INTERVENTION EDIT]

Use this option to edit an already existing entry in the APSP INTERVENTION file.

## **Print Pharmacy Intervention**

### **[PSO INTERVENTION PRINTOUT]**

A captioned report of pharmacy interventions for a certain date range can be printed with this option. The report prints out on normal width paper and it can be queued to print at a later time.

The “subtotal” on this report represents the number of interventions for a specific type of intervention where the recommendation for the intervention was accepted. The “total” is the sum of all interventions in which the recommendation was accepted.

The “sub count” on this report is the number of interventions for a specific type of intervention over the specific date range. The “count” is the total number of all interventions over the specific date range.

## **Delete Intervention**

### **[PSO INTERVENTION DELETE]**

This option can be used to delete an intervention from the APSP INTERVENTION file. An intervention can be deleted only on the same day that it was entered.

## **View Intervention**

### **[PSO INTERVENTION VIEW]**

This option displays pharmacy interventions in a captioned format. More than one intervention can be viewed at a time.

# Chapter 18: Processing Drug/Drug Interactions

---

This chapter describes the option used for processing drug interactions.

## Process Drug/Drug Interactions

### [PSO INTERACTION VERIFY]

This option can be used to process information for medications that have been marked as a drug/drug interaction. This allows prescriptions with drug/drug interactions to be processed, deleted, or bypassed. An assigned signature code, which will not appear on the screen, must be entered to complete any of these actions. It will then be verified or non-verified. The *Electronic Signature Code Edit* option can be found under the *User's Toolbox* menu in Kernel V. 8.0.



When processing a drug/drug interaction, the profile will list the status of the interacting drug orders as pending (P).

This section describes the Drug-Drug Interaction enhancements made to the Outpatient Pharmacy application included in PSO\*7\*251.

The Duplicate Drug 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 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.

Legacy VistA drug-drug interactions have been enhanced to utilize FDB's DIF business rules, APIs and database to provide more clinically relevant drug interaction information. 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.

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 drug interaction tables will be used to store custom changes to FDB standard reference drug interaction tables. FDB drug interactions that are designated as critical in VistA will have their severity level modified to '1'. All FDB drug interactions that are designated as significant in VistA will have their severity level modified to '2'. Any drug interaction in VistA that is not in FDB will be added to the FDB custom tables. For these interactions a custom monograph will be created with a clinical effects section.

The following Outpatient Pharmacy order entry processes have been enhanced:

- 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

If a dispense drug is associated with an active Non-VA med order, that dispense drug will be used for the drug interaction order check.

If no dispense drug is associated with an active Non-VA med order, the first active dispense drug marked for Non-VA med use associated with the orderable item will be used for the Drug Interaction order check.

If there are no active dispense drugs marked for Non-VA med use that are associated with the orderable item, then the first active dispense drug marked for Outpatient use associated with the Orderable Item will be used.

If there are no active dispense drugs marked for Outpatient use associated with the orderable item, the first active dispense drugs associated with the orderable item will be used.

If there are no active dispense drugs associated with the orderable item for the Non-VA med order, no Drug Interaction order check will be performed.

Drug interaction order checks will be performed against pending orders.

The software will display to a non-pharmacist (does not hold PSORPH key) when entering a new order via pharmacy backdoor options or when finishing an order entered through CPRS the same drug interaction warning information as shown to a pharmacist.

See examples below:

### **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

### 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.

### Critical Drug Interaction with Non-VA Med Order

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

Non-VA Med: CIMETIDINE 200MG TAB  
Dosage: 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  
Dosage: ONE TABLET Schedule: <NOT ENTERED>

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

### 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

The FDB standard professional drug interaction monograph is shown below:

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:** Anticoagulants/Salicylates

**SEVERITY LEVEL:** 2-Severe Interaction: Action is required to reduce the risk of severe adverse interaction.

**MECHANISM OF ACTION:** Multiple processes are involved: 1) Salicylate doses greater than 3 gm daily decrease plasma prothrombin levels. 2) Salicylates may also displace anticoagulants from plasma protein binding sites. 3) Salicylates impair platelet function, resulting in prolonged bleeding time. 4) Salicylates may cause gastrointestinal bleeding due to irritation.

**CLINICAL EFFECTS:** The concurrent use of anticoagulants and salicylates may result in increased INR values and increase the risk of bleeding.

**PREDISPOSING FACTORS:** None determined.

**PATIENT MANAGEMENT:** Avoid concomitant administration of these drugs. If salicylate use is necessary, monitor prothrombin time, bleeding time, or INR values closely. When possible, the administration of a non-aspirin salicylate would be preferable.

**DISCUSSION:** This interaction has been reported between aspirin and warfarin and between aspirin and dicumarol. Diflunisal, sodium salicylate, and topical methyl salicylate have been shown to interact with anticoagulants as well. Based on the proposed mechanisms, other salicylates would be expected to interact with anticoagulants as well. The time of highest risk for a coumarin-type drug interaction is when the precipitant drug is initiated, altered, or discontinued.

**REFERENCES:**

1. Quick AJ, Clesceri L. Influence of acetylsalicylic acid and salicylamide on the coagulation of blood. *J Pharmacol Exp Ther* 1960;128:95-8.
2. Watson RM, Pierson RN, Jr. Effect of anticoagulant therapy upon aspirin-induced gastrointestinal bleeding. *Circulation* 1961 Sep;24:613-6.
3. Barrow MV, Quick DT, Cunningham RW. Salicylate hypoprothrombinemia in rheumatoid arthritis with liver disease. Report of two cases. *Arch Intern Med* 1967 Nov;120(5):620-4.
4. Weiss HJ, Aledort LM, Kochwa S. The effect of salicylates on the hemostatic properties of platelets in man. *J Clin Invest* 1968 Sep; 47(9):2169-80.
5. Udall JA. Drug interference with warfarin therapy. *Clin Med* 1970 Aug; 77:20-5.
6. Fausa O. Salicylate-induced hypoprothrombinemia. A report of four cases. *Acta Med Scand* 1970 Nov;188(5):403-8.
7. Zucker MB, Peterson J. Effect of acetylsalicylic acid, other nonsteroidal anti-inflammatory agents, and dipyridamole on human blood platelets. *J Lab Clin Med* 1970 Jul;76(1):66-75.
8. O'Reilly RA, Sahud MA, Aggeler PM. Impact of aspirin and chlorthalidone on the pharmacodynamics of oral anticoagulant drugs in man. *Ann N Y Acad Sci* 1971 Jul 6;179:173-86.
9. Dale J, Myhre E, Loew D. Bleeding during acetylsalicylic acid and anticoagulant therapy in patients with reduced platelet reactivity after aortic valve replacement. *Am Heart J* 1980 Jun;99(6):746-52.
10. Donaldson DR, Sreeharan N, Crow MJ, Rajah SM. Assessment of the interaction of warfarin with aspirin and dipyridamole. *Thromb Haemost* 1982 Feb 26;47(1):77.
11. Chesebro JH, Fuster V, Elveback LR, McGoon DC, Pluth JR, Puga FJ, Wallace RB, Danielson GK, Orszulak TA, Piehler JM, Schaff HV. Trial of combined warfarin plus dipyridamole or aspirin therapy in prosthetic heart valve replacement: danger of aspirin compared with dipyridamole. *Am J Cardiol* 1983 May 15;51(9):1537-41.
12. Chow WH, Cheung KL, Ling HM, See T. Potentiation of warfarin anticoagulation by topical methylsalicylate ointment. *J R Soc Med* 1989 Aug;82(8):501-2.
13. Meade TW, Roderick PJ, Brennan PJ, Wilkes HC, Kelleher CC. Extra-cranial bleeding and other symptoms due to low dose aspirin and low intensity oral anticoagulation. *Thromb Haemost* 1992 Jul 6;68(1):1-6.

Following the drug interaction monograph prompts, when a critical or significant drug interaction is generated with a local, pending, or remote medication order, users not holding a PSORPH key shall be presented with the next prompt in the current order entry dialog. They will not be shown any intervention prompts or dialog.

Following the drug interaction monograph prompts, when a significant drug interaction is generated with a local, pending, or remote medication order, the user will be presented with 'Do you want to intervene?' prompt for the following processes:

- New order entry via backdoor pharmacy options
- Finishing a pending order
- Renewing an order
- Copying an order
- Editing an order which results in creation of a new order
- Verifying an order
- Reinstating an order

### **Critical Drug Interaction with Local Rx – No Monograph –Backdoor New Order Entry**

```
***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.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// n NO
RX DELETED

    Or

Do you want to Continue? Y// ES

Do you want to Process medication
INDINAVIR 400MG CAP: P// ROCESS

Enter your Current Signature Code: SIGNATURE VERIFIED
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention
for INDINAVIR 400MG CAP

PROVIDER: OPPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.
```

```

Would you like to edit this intervention ? N// O
VERB: TAKE
Available Dosage(s)
    1. 400MG
    2. 800MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 400MG

You entered 400MG is this correct? Yes//  YES
VERB: TAKE
DISPENSE UNITS PER DOSE(CAPSULE): 1// 1
Dosage Ordered: 400MG

NOUN: CAPSULE
ROUTE: ORAL// ORAL
.

```

## Significant Drug Interaction with Local Rx – With Monograph – Backdoor New Order Entry

```

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

    Local RX#: 2411
    Drug: ASPIRIN 325MG EC TAB (ACTIVE)
    SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
    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

Display Professional Interaction Monograph? No// Y es

Device: Home// <Home would print to screen, or a specific device could be specified>

Professional Monograph
Drug Interaction with WARFARIN and ASPIRIN

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:  Anticoagulants/Salicylates

SEVERITY LEVEL:  2-Severe Interaction: Action is required to reduce the risk of severe
adverse interaction.

MECHANISM OF ACTION:  Multiple processes are involved:  1) Salicylate doses greater than
3 gm daily decrease plasma prothrombin levels. 2) Salicylates may also displace
anticoagulants from plasma protein binding sites. 3) Salicylates impair platelet
function, resulting in prolonged bleeding time. 4) Salicylates may cause gastrointestinal
bleeding due to irritation.

CLINICAL EFFECTS:  The concurrent use of anticoagulants and salicylates may result in
increased INR values and increase the risk of bleeding.

PREDISPOSING FACTORS:  None determined.

PATIENT MANAGEMENT:  Avoid concomitant administration of these drugs. If salicylate use
is necessary, monitor prothrombin time, bleeding time, or INR values closely.  When
possible, the administration of a non-aspirin salicylate would be preferable.

DISCUSSION:  This interaction has been reported between aspirin and warfarin and between
aspirin and dicumarol.  Diflunisal, sodium salicylate, and topical methyl salicylate have
been shown to interact with anticoagulants as well.  Based on the proposed mechanisms,
other salicylates would be expected to interact with anticoagulants as well.The time of

```

highest risk for a coumarin-type drug interaction is when the precipitant drug is initiated, altered, or discontinued.

REFERENCES:

- 1.Quick AJ, Clesceri L. Influence of acetylsalicylic acid and salicylamide on the coagulation of blood. J Pharmacol Exp Ther 1960;128:95-8.
- 2.Watson RM, Pierson RN, Jr. Effect of anticoagulant therapy upon aspirin-induced gastrointestinal bleeding. Circulation 1961 Sep;24:613-6.
- 3.Barrow MV, Quick DT, Cunningham RW. Salicylate hypoprothrombinemia in rheumatoid arthritis with liver disease. Report of two cases. Arch Intern Med 1967 Nov;120(5):620-4.
- 4.Weiss HJ, Aledort LM, Kochwa S. The effect of salicylates on the hemostatic properties of platelets in man. J Clin Invest 1968 Sep; 47(9):2169-80.
- 5.Udall JA. Drug interference with warfarin therapy. Clin Med 1970 Aug; 77:20-5.
- 6.Fausa O. Salicylate-induced hypoprothrombinemia. A report of four cases. Acta Med Scand 1970 Nov;188(5):403-8.
- 7.Zucker MB, Peterson J. Effect of acetylsalicylic acid, other nonsteroidal anti-inflammatory agents, and dipyridamole on human blood platelets. J Lab Clin Med 1970 Jul;76(1):66-75.
- 8.O'Reilly RA, Sahud MA, Aggeler PM. Impact of aspirin and chlorthalidone on the pharmacodynamics of oral anticoagulant drugs in man. Ann N Y Acad Sci 1971 Jul 6;179:173-86.
- 9.Dale J, Myhre E, Loew D. Bleeding during acetylsalicylic acid and anticoagulant therapy in patients with reduced platelet reactivity after aortic valve replacement. Am Heart J 1980 Jun;99(6):746-52.
- 10.Donaldson DR, Sreeharan N, Crow MJ, Rajah SM. Assessment of the interaction of warfarin with aspirin and dipyridamole. Thromb Haemost 1982 Feb 26;47(1):77.
- 11.Chesebro JH, Fuster V, Elveback LR, McGoon DC, Pluth JR, Puga FJ, Wallace RB, Danielson GK, Orszulak TA, Piehler JM, Schaff HV. Trial of combined warfarin plus dipyridamole or aspirin therapy in prosthetic heart valve replacement: danger of aspirin compared with dipyridamole. Am J Cardiol 1983 May 15;51(9):1537-41.
- 12.Chow WH, Cheung KL, Ling HM, See T. Potentiation of warfarin anticoagulation by topical methylsalicylate ointment. J R Soc Med 1989 Aug;82(8):501-2.
- 13.Meade TW, Roderick PJ, Brennan PJ, Wilkes HC, Kelleher CC. Extra-cranial bleeding and other symptoms due to low dose aspirin and low intensity oral anticoagulation. Thromb Haemost 1992 Jul 6;68(1):1-6.

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Do you want to Intervene? Y// NO

Remote data not available - Only local order checks processed.

Press Return to Continue...

VERB: TAKE

Available Dosage(s)

1. 2.5MG

2. 5MG

.

.

OR

Do you want to Intervene? Y// ES

Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention  
for WARFARIN 5MG TAB

PROVIDER: OPPROVIDER,ONE           OPP           119

RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this  
intervention or for more options.

Would you like to edit this intervention ? N// O

```

VERB: TAKE
Available Dosage(s)
    1. 5MG
    2. 10MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 5MG

You entered 5MG is this correct? Yes//    YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 5MG

NOUN: TABLET
ROUTE: PO//    ORAL        PO    MOUTH
.

```

## Significant Drug Interaction with Remote Rx - With Monograph –Backdoor New Order Entry

```

*** 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

Display Professional Interaction Monograph? No// Y es

Device: Home// <Home would print to screen, or a specific device could be specified>

Professional Monograph
Drug Interaction with WARFARIN and ASPIRIN

MONOGRAPH TITLE:  Anticoagulants/Salicylates

SEVERITY LEVEL:  2-Severe Interaction: Action is required to reduce the risk of severe
adverse interaction.

MECHANISM OF ACTION:  Multiple processes are involved:  1) Salicylate doses greater than
3 gm daily decrease plasma prothrombin levels. 2) Salicylates may also displace
anticoagulants from plasma protein binding sites. 3) Salicylates impair platelet
function, resulting in prolonged bleeding time. 4) Salicylates may cause gastrointestinal
bleeding due to irritation.

CLINICAL EFFECTS:  The concurrent use of anticoagulants and salicylates may result in
increased INR values and increase the risk of bleeding.

PREDISPOSING FACTORS:  None determined.

PATIENT MANAGEMENT:  Avoid concomitant administration of these drugs. If salicylate use
is necessary, monitor prothrombin time, bleeding time, or INR values closely.  When
possible, the administration of a non-aspirin salicylate would be preferable.

DISCUSSION:  This interaction has been reported between aspirin and warfarin and between
aspirin and dicumarol.  Diflunisal, sodium salicylate, and topical methyl salicylate have
been shown to interact with anticoagulants as well.  Based on the proposed mechanisms,
other salicylates would be expected to interact with anticoagulants as well.The time of
highest risk for a coumarin-type drug interaction is when the precipitant drug is
initiated, altered, or discontinued.

REFERENCES:
1.Quick AJ, Clesceri L. Influence of acetylsalicylic acid and salicylamide on the
coagulation of blood. J Pharmacol Exp Ther 1960;128:95-8.
2.Watson RM, Pierson RN, Jr. Effect of anticoagulant therapy upon aspirin-induced
gastrointestinal bleeding. Circulation 1961 Sep;24:613-6.

```

3.Barrow MV, Quick DT, Cunningham RW. Salicylate hypoprothrombinemia in rheumatoid arthritis with liver disease. Report of two cases. Arch Intern Med 1967 Nov;120(5):620-4.  
 4.Weiss HJ, Aledort LM, Kochwa S. The effect of salicylates on the hemostatic properties of platelets in man. J Clin Invest 1968 Sep; 47(9):2169-80.  
 5.Udall JA. Drug interference with warfarin therapy. Clin Med 1970 Aug; 77:20-5.  
 6.Fausa O. Salicylate-induced hypoprothrombinemia. A report of four cases. Acta Med Scand 1970 Nov;188(5):403-8.  
 7.Zucker MB, Peterson J. Effect of acetylsalicylic acid, other nonsteroidal anti-inflammatory agents, and dipyridamole on human blood platelets. J Lab Clin Med 1970 Jul;76(1):66-75.  
 8.O'Reilly RA, Sahud MA, Aggeler PM. Impact of aspirin and chlorthalidone on the pharmacodynamics of oral anticoagulant drugs in man. Ann N Y Acad Sci 1971 Jul 6;179:173-86.  
 9.Dale J, Myhre E, Loew D. Bleeding during acetylsalicylic acid and anticoagulant therapy in patients with reduced platelet reactivity after aortic valve replacement. Am Heart J 1980 Jun;99(6):746-52.  
 10.Donaldson DR, Sreeharan N, Crow MJ, Rajah SM. Assessment of the interaction of warfarin with aspirin and dipyridamole. Thromb Haemost 1982 Feb 26;47(1):77.  
 11.Chesebro JH, Fuster V, Elveback LR, McGoon DC, Pluth JR, Puga FJ, Wallace RB, Danielson GK, Orszulak TA, Piehler JM, Schaff HV. Trial of combined warfarin plus dipyridamole or aspirin therapy in prosthetic heart valve replacement: danger of aspirin compared with dipyridamole. Am J Cardiol 1983 May 15;51(9):1537-41.  
 12.Chow WH, Cheung KL, Ling HM, See T. Potentiation of warfarin anticoagulation by topical methylsalicylate ointment. J R Soc Med 1989 Aug;82(8):501-2.

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Do you want to Intervene? Y// NO

Press Return to Continue...

VERB: TAKE

Available Dosage(s)

- 1. 2.5MG
- 2. 5MG

.

OR

Do you want to Intervene? Y// ES

Press Return to Continue...

Now creating Pharmacy Intervention  
for WARFARIN 5MG TAB

PROVIDER: OPPROVIDER,ONE            OPP            119  
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this  
intervention or for more options.

Would you like to edit this intervention ? N// O

VERB: TAKE

Available Dosage(s)

- 1. 5MG
- 2. 10MG

Select from list of Available Dosages, Enter Free Text Dose  
or Enter a Question Mark (?) to view list: 1 5MG

You entered 5MG is this correct? Yes// YES

VERB: TAKE

DISPENSE UNITS PER DOSE(TABLET): 1// 1

Dosage Ordered: 5MG

NOUN: TABLET

ROUTE: PO// ORAL PO MOUTH

## Critical Drug Interaction with Remote Rx - No Monograph – Backdoor New Order Entry

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

                  LOCATION: <VA or DOD facility>   Remote RX#: 2543789
                  Drug: AMIODARONE 200MG TAB (ACTIVE)
                  SIG: TAKE ONE TABLET BY MOUTH EVERY 8 HOURS
                  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.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// n NO
RX DELETED

OR

Do you want to Continue? Y// ES

Do you want to Process medication
INDINAVIR 400MG CAP: P// ROCESS

Enter your Current Signature Code: SIGNATURE VERIFIED

Press Return to Continue...

Now creating Pharmacy Intervention
for INDINAVIR 400MG CAP

PROVIDER: OPPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
VERB: TAKE
Available Dosage(s)
    1. 400MG
    2. 800MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 400MG

You entered 400MG is this correct? Yes// YES
VERB: TAKE
DISPENSE UNITS PER DOSE(CAPSULE): 1// 1
Dosage Ordered: 400MG

NOUN: CAPSULE
ROUTE: ORAL// ORAL
.
```

## Critical Drug Interaction with Non-VA Medication Order – Backdoor New Order Entry – No Monograph

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

Eligibility: SC LESS THAN 50%   SC%: 40
RX PATIENT STATUS: SC LESS THAN 50%//
```



```

DRUG: WARFARIN
  Lookup: GENERIC NAME
    1  WARFARIN 2.5MG TAB          BL110
    2  WARFARIN 5MG TAB           BL110
CHOOSE 1-2: 2  WARFARIN 5MG TAB    BL110

Now doing remote order checks. Please wait...
Now Processing Enhanced Order Checks! Please Wait...

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

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

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

Display Professional Interaction Monograph? No// No

VERB: TAKE
Available Dosage(s)
    1. 5MG
    2. 10MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 5MG

You entered 5MG is this correct? Yes//
.

```

### **Critical Drug Interaction with Pending Order – No Monograph –Backdoor New Order Entry**

```

***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.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// n NO
RX DELETED

Or

Do you want to Continue? Y// ES

Do you want to Process medication
INDINAVIR 400MG CAP: P// ROCESS

Enter your Current Signature Code: SIGNATURE VERIFIED
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention
for INDINAVIR 400MG CAP

PROVIDER: OPPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

```

```

Would you like to edit this intervention ? N// O
VERB: TAKE
Available Dosage(s)
    1. 400MG
    2. 800MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 400MG

You entered 400MG is this correct? Yes//  YES
VERB: TAKE
DISPENSE UNITS PER DOSE(CAPSULE): 1// 1
Dosage Ordered: 400MG

NOUN: CAPSULE
ROUTE: ORAL// ORAL

```

## Significant Drug Interaction with Pending Rx – With Monograph – Backdoor New Order Entry

```

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

    Pending Drug: ASPIRIN 325MG EC TAB
    SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// Y es

Device: Home// <Home would print to screen, or a specific device could be specified>

Professional Monograph
Drug Interaction with WARFARIN and ASPIRIN

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:  Anticoagulants/Salicylates

SEVERITY LEVEL:  2-Severe Interaction: Action is required to reduce the risk of severe
adverse interaction.

MECHANISM OF ACTION:  Multiple processes are involved:  1) Salicylate doses greater than
3 gm daily decrease plasma prothrombin levels. 2) Salicylates may also displace
anticoagulants from plasma protein binding sites. 3) Salicylates impair platelet
function, resulting in prolonged bleeding time. 4) Salicylates may cause gastrointestinal
bleeding due to irritation.

CLINICAL EFFECTS:  The concurrent use of anticoagulants and salicylates may result in
increased INR values and increase the risk of bleeding.

PREDISPOSING FACTORS:  None determined.

PATIENT MANAGEMENT:  Avoid concomitant administration of these drugs. If salicylate use
is necessary, monitor prothrombin time, bleeding time, or INR values closely. When
possible, the administration of a non-aspirin salicylate would be preferable.

DISCUSSION:  This interaction has been reported between aspirin and warfarin and between
aspirin and dicumarol. Diflunisal, sodium salicylate, and topical methyl salicylate have
been shown to interact with anticoagulants as well. Based on the proposed mechanisms,
other salicylates would be expected to interact with anticoagulants as well. The time of
highest risk for a coumarin-type drug interaction is when the precipitant drug is
initiated, altered, or discontinued.

```

# REFERENCES:

- 1.Quick AJ, Clesceri L. Influence of acetylsalicylic acid and salicylamide on the coagulation of blood. J Pharmacol Exp Ther 1960;128:95-8.
- 2.Watson RM, Pierson RN, Jr. Effect of anticoagulant therapy upon aspirin-induced gastrointestinal bleeding. Circulation 1961 Sep;24:613-6.
- 3.Barrow MV, Quick DT, Cunningham RW. Salicylate hypoprothrombinemia in rheumatoid arthritis with liver disease. Report of two cases. Arch Intern Med 1967 Nov;120(5):620-4.
- 4.Weiss HJ, Aledort LM, Kochwa S. The effect of salicylates on the hemostatic properties of platelets in man. J Clin Invest 1968 Sep; 47(9):2169-80.
- 5.Udall JA. Drug interference with warfarin therapy. Clin Med 1970 Aug; 77:20-5.
- 6.Fausa O. Salicylate-induced hypoprothrombinemia. A report of four cases. Acta Med Scand 1970 Nov;188(5):403-8.
- 7.Zucker MB, Peterson J. Effect of acetylsalicylic acid, other nonsteroidal anti-inflammatory agents, and dipyridamole on human blood platelets. J Lab Clin Med 1970 Jul;76(1):66-75.
- 8.O'Reilly RA, Sahud MA, Aggeler PM. Impact of aspirin and chlorthalidone on the pharmacodynamics of oral anticoagulant drugs in man. Ann N Y Acad Sci 1971 Jul 6;179:173-86.
- 9.Dale J, Myhre E, Loew D. Bleeding during acetylsalicylic acid and anticoagulant therapy in patients with reduced platelet reactivity after aortic valve replacement. Am Heart J 1980 Jun;99(6):746-52.
- 10.Donaldson DR, Sreeharan N, Crow MJ, Rajah SM. Assessment of the interaction of warfarin with aspirin and dipyridamole. Thromb Haemost 1982 Feb 26;47(1):77.
- 11.Chesebro JH, Fuster V, Elveback LR, McGoon DC, Pluth JR, Puga FJ, Wallace RB, Danielson GK, Orszulak TA, Piehler JM, Schaff HV. Trial of combined warfarin plus dipyridamole or aspirin therapy in prosthetic heart valve replacement: danger of aspirin compared with dipyridamole. Am J Cardiol 1983 May 15;51(9):1537-41.
- 12.Chow WH, Cheung KL, Ling HM, See T. Potentiation of warfarin anticoagulation by topical methylsalicylate ointment. J R Soc Med 1989 Aug;82(8):501-2.
- 13.Meade TW, Roderick PJ, Brennan PJ, Wilkes HC, Kelleher CC. Extra-cranial bleeding and other symptoms due to low dose aspirin and low intensity oral anticoagulation. Thromb Haemost 1992 Jul 6;68(1):1-6.

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Do you want to Intervene? Y// NO  
Remote data not available - Only local order checks processed.

Press Return to Continue...

VERB: TAKE

Available Dosage(s)

1. 2.5MG
2. 5MG

.  
.

**OR**

Do you want to Intervene? Y// ES  
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention  
for WARFARIN 5MG TAB

PROVIDER: OP  
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Would you like to edit this intervention ? N// O

VERB: TAKE

Available Dosage(s)

1. 5MG

```

2. 10MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 5MG

You entered 5MG is this correct? Yes//  YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
Dosage Ordered: 5MG

NOUN: TABLET
ROUTE: PO//  ORAL      PO  MOUTH
.

```

## Significant Drug Interaction with Local Rx – Finishing Pending Order – No Monograph

```

+      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 Processing Enhanced Order Checks! Please Wait...

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

      Local RX#: 2498
      Drug: ASPIRIN 325MG EC TAB  (ACTIVE)
      SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
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

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// NO

Was treatment for Service Connected condition? YES//

Are you sure you want to Accept this Order? NO//
.
.
OR

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for WARFARIN 5MG TAB

PROVIDER:  OERRPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Rx # 2500      10/19/07
OPPATIENT, ONE      #30
TAKE ONE TABLET BY MOUTH AT BEDTIME

WARFARIN 5MG TAB
OERRPROVIDER,ONE  OPPhARMACIST,ONE
# of Refills: 11

```

SC Percent: 40%  
Disabilities: NONE STATED

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

Was treatment for Service Connected condition? YES//

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

### Critical Drug Interaction with Local Rx – Finishing Pending Order – No Monograph

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

                                Oct 19, 2007@07:48:33
Now doing remote order checks. Please wait...
Now Processing Enhanced Order Checks! Please Wait...

***CRITICAL*** Drug Interaction with Prospective Drug:
                    IBUPROFEN 600MG TAB and

        Local RX#: 2498
        Drug: ASPIRIN 325MG EC TAB  (ACTIVE)
        SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
Processing Status: Released locally on 11/08/06@08:55:32  (Window)
        Last Filled On: 11/08/06

In some patients, NSAIDS have been associated with an increase in the hypoprothrombinemic
effect to anticoagulants.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// NO

Pending OP Orders (ROUTINE)  Oct 19, 2007@08:55:12          Page:      1 of      4
OPPATIENT, ONE                                <A>
  PID: 666-45-6754                                Ht(cm): 187.96 (07/05/1994)
  DOB: JAN 1,1945 (62)                            Wt(kg): 77.27 (07/05/1994)

CPRS Order Checks:
  CRITICAL drug-drug interaction: ASPIRIN & IBUPROFEN (ASPIRIN TAB,EC 325MG
  TAKE ONE TABLET BY MOUTH EVERY MORNING [ACTIVE])
  Overriding Provider: OERRPROVIDER, ONE
  Overriding Reason: TESTING

  SIGNIFICANT drug-drug interaction: IBUPROFEN & WARFARIN (WARFARIN TAB 5MG
  TAKE ONE TABLET BY MOUTH AT BEDTIME [PENDING])
  Overriding Provider: OERRPROVIDER, ONE
  Overriding Reason:

  SIGNIFICANT drug-drug interaction: IBUPROFEN & METHOTREXATE (METHOTREXATE
  TAB 2.5MG TAKE ONE TABLET BY MOUTH TWICE A DAY [PENDING])
  Overriding Provider: OERRPROVIDER,ONE

+          Enter ?? for more actions
AC Accept          ED Edit          DC Discontinue
Select Item(s): Next Screen//.
.
.
OR

Do you want to Continue? Y// YES
```

```

Do you want to Process medication
IBUPROFEN 600MG TAB : P// ROCESS

Enter your Current Signature Code:      SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for IBUPROFEN 600MG TAB

PROVIDER:      OERRPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Rx # 2501                      10/19/07
OPPATIENT, ONE                #90
TAKE ONE TABLET BY MOUTH THREE TIMES A DAY WITH FOOD OR MILK

IBUPROFEN 600MG TAB
OERRPROVIDER,ONE  OPPHARMACIST,ONE
# of Refills: 11

      SC Percent: 40%
      Disabilities: NONE STATED

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

Was treatment for Service Connected condition? YES//

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

```

## Significant Drug Interaction with Pending Order – Finishing Pending Order – No Monograph

```

+      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 Processing Enhanced Order Checks! Please Wait...

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

      Pending Drug: ASPIRIN 325MG EC TAB
      SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// NO

Was treatment for Service Connected condition? YES//

Are you sure you want to Accept this Order? NO//
.
.
OR

```

```

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for WARFARIN 5MG TAB

PROVIDER:      OERRPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Rx # 2500                10/19/07
OPPATIENT, ONE          #30
TAKE ONE TABLET BY MOUTH AT BEDTIME

WARFARIN 5MG TAB
OERRPROVIDER,ONE      OPPHARMACIST,ONE
# of Refills: 11

      SC Percent: 40%
      Disabilities: NONE STATED

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

Was treatment for Service Connected condition? YES//

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

```

### Critical Drug Interaction with Pending Order – Finishing Pending Order – No Monograph

```

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

      Oct 19, 2007@07:48:33
Now doing remote order checks. Please wait...
Now Processing Enhanced Order Checks! Please Wait...

***CRITICAL*** Drug Interaction with Prospective Drug:
      IBUPROFEN 600MG TAB and

      Pending Drug: ASPIRIN 325MG EC TAB
      SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING

In some patients, NSAIDS have been associated with an increase in the hypoprothrombinemic
effect to anticoagulants.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// NO

Pending OP Orders (ROUTINE)  Oct 19, 2007@08:55:12      Page:      1 of      4
OPPATIENT, ONE                                <A>
      PID: 666-45-6754                                Ht(cm): 187.96 (07/05/1994)
      DOB: JAN 1,1945 (62)                            Wt(kg): 77.27 (07/05/1994)

CPRS Order Checks:
      CRITICAL drug-drug interaction: ASPIRIN & IBUPROFEN (ASPIRIN TAB,EC 325MG
      TAKE ONE TABLET BY MOUTH EVERY MORNING [ACTIVE])
      Overriding Provider: OERRPROVIDER, ONE
      Overriding Reason: TESTING

      SIGNIFICANT drug-drug interaction: IBUPROFEN & WARFARIN (WARFARIN TAB 5MG

```

```

    TAKE ONE TABLET BY MOUTH AT BEDTIME [PENDING])
    Overriding Provider: OERRPROVIDER, ONE
    Overriding Reason:

    SIGNIFICANT drug-drug interaction: IBUPROFEN & METHOTREXATE (METHOTREXATE
    TAB 2.5MG TAKE ONE TABLET BY MOUTH TWICE A DAY [PENDING])
    Overriding Provider: OERRPROVIDER,ONE

+          Enter ?? for more actions
AC Accept          ED Edit          DC Discontinue
Select Item(s): Next Screen//.
.
.
OR

Do you want to Continue? Y// YES

Do you want to Process medication
IBUPROFEN 600MG TAB : P// ROCESS

Enter your Current Signature Code:    SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for IBUPROFEN 600MG TAB

PROVIDER:    OERRPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Rx # 2501          10/19/07
OPPATIENT, ONE          #90
TAKE ONE TABLET BY MOUTH THREE TIMES A DAY WITH FOOD OR MILK

IBUPROFEN 600MG TAB
OERRPROVIDER,ONE  OPPHARMACIST,ONE
# of Refills: 11

    SC Percent: 40%
    Disabilities: NONE STATED

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

Was treatment for Service Connected condition? YES//

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

```

### Critical Interaction –Renewing an Order

```

OP Medications (ACTIVE)          Feb 14, 2008@07:25:28          Page: 1 of 3
OPPATIENT,THREE                                     <A>
  PID: 000-00-0000                                Ht(cm): 167.64 (10/16/1993)
  DOB: JUL 1,1934 (73)                            Wt(kg): 68.18 (10/16/1993)

          Rx #: 2530$
(1) *Orderable Item: WARFARIN TAB
(2)      Drug: WARFARIN 2.5MG TAB
(3)      *Dosage: 2.5 (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: 02/13/08 (7) Fill Date: 02/13/08

Last Fill Date: 02/13/08 (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: (2/14/2008 - 2/14/2009): TODAY// (FEB 14, 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 # 2530 Drug: WARFARIN 2.5MG TAB

Now doing remote order checks. Please wait...

Now Processing Enhanced Order Checks! Please Wait...

\*\*\*CRITICAL\*\*\* Drug Interaction with Prospective Drug:  
WARFARIN 2.5MG TAB and

Local RX#: #2527

Drug: CIMETIDINE 300MG TAB (ACTIVE)

SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME

Processing Status: Released locally on 09/08/07@08:55:32 (Window)

Last Filled On: 09/08/07

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

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// NO

RENEWED RX DELETED

**OR**

Do you want to Continue? Y// ES

Do you want to Process medication

WARFARIN 2.5MG TAB: P// ROCESS

Enter your Current Signature Code: SIGNATURE VERIFIED

Now creating Pharmacy Intervention

for WARFARIN 2.5MG TAB

PROVIDER: OPPROVIDER, FOUR FPP 119

RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Would you like to edit this intervention ? N// O

2530A WARFARIN 2.5MG TAB QTY: 30

# OF REFILLS: 11 ISSUED: 02-14-08

SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME

FILLED: 03-04-08

ROUTING: WINDOW PHYS: OPPROVIDER, FOUR

Edit renewed Rx ? Y//

.

## Significant Interaction – Renewing an Order

```
OP Medications (ACTIVE)      Feb 14, 2008@07:15:31      Page: 1 of 3
OPPATIENT,THREE                                     <A>
  PID: 000-00-0000      Ht(cm): 167.64 (10/16/1993)
  DOB: JUL 1,1934 (73)      Wt(kg): 68.18 (10/16/1993)

      Rx #: 2531$
(1) *Orderable Item: INDOMETHACIN CAP,ORAL
(2)      Drug: INDOMETHACIN 25MG CAP
(3)      *Dosage: 25 (MG)
      Verb: TAKE
      Dispense Units: 1
      Noun: CAPSULE
      *Route: ORAL
      *Schedule: TID
(4)Pat Instructions:
      SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
(5) Patient Status: OPT NSC
(6)      Issue Date: 02/13/08      (7) Fill Date: 02/13/08
      Last Fill Date: 02/13/08 (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: (2/14/2008 - 2/14/2009): TODAY// (FEB 14, 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 # 2531      Drug: INDOMETHACIN 25MG CAP

Now doing remote order checks. Please wait...
Now Processing Enhanced Order Checks! Please Wait...

***SIGNIFICANT*** Drug Interaction with Prospective Drug:
      INDOMETHACIN 25MG CAP and

      Local RX#: 2530
      DRUG: WARFARIN 2.5MG TAB
      SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
Processing Status: Released locally on 01/08/08@08:55:32 (Window)
      Last Filled On: 01/08/08

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// ES
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention
for INDOMETHACIN 25MG CAP

PROVIDER:      OPPROVIDER,FOUR      FPP      119
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
```

```

2531A          INDOMETHACIN 25MG CAP          QTY: 90
# OF REFILLS: 11  ISSUED: 02-14-08
SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
FILLED: 03-04-08
ROUTING: WINDOW      PHYS: OPPROVIDER,FOUR

Edit renewed Rx ? Y//
.
.

      OR

Do you want to Intervene? Y// NO
Remote data not available - Only local order checks processed.

Press Return to Continue...

2531A          INDOMETHACIN 25MG CAP          QTY: 90
# OF REFILLS: 11  ISSUED: 02-14-08
SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
FILLED: 03-04-08
ROUTING: WINDOW      PHYS: OPPROVIDER,FOUR

Edit renewed Rx ? Y//
.

```

## Copying An Order – Critical Interaction

```

OP Medications (ACTIVE)      Feb 14, 2008@09:20:04      Page:      1 of      3
OPPATIENT,TWO                                     <A>
  PID: 666-33-3333                                     Ht(cm): 167.64 (10/16/1993)
  DOB: JUL 1,1934 (73)                                Wt(kg): 68.18 (10/16/1993)

      Rx #: 2530$
(1) *Orderable Item: WARFARIN TAB
(2)      Drug: WARFARIN 2.5MG TAB
(3)      *Dosage: 2.5 (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: 02/13/08      (7) Fill Date: 02/13/08
      Last Fill Date: 02/13/08 (Window)
+      Enter ?? for more actions

DC  Discontinue      PR  Partial      RL  Release
ED  Edit      RF  Refill      RN  Renew
Select Action: Next Screen// co  CO

New OP Order (COPY)      Feb 14, 2008@09:20:04      Page:      1 of      2
OPPATIENT,TWO                                     <A>
  PID: 666-33-3333                                     Ht(cm): 167.64 (10/16/1993)
  DOB: JUL 1,1934 (73)                                Wt(kg): 68.18 (10/16/1993)

      Orderable Item: WARFARIN TAB
(1)      Drug: WARFARIN 2.5MG TAB
(2) Patient Status: OPT NSC
(3)      Issue Date: FEB 14,2008      (4) Fill Date: FEB 14,2008
(5) Dosage Ordered: 2.5 (MG)
      Verb: TAKE
      Dispense Units: 1
      Noun: TABLET
      Route: ORAL
      Schedule: QHS
(6) Pat Instruction:

```

```

          SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
(7)    Days Supply: 30                      (8)    QTY (TAB): 30
(9)    # of Refills: 11                    (10)   Routing: WINDOW
+      Enter ?? for more actions
AC    Accept                               ED    Edit
Select Action: Next Screen// ac    Accept
-----
Duplicate Drug in Local RX:

          Rx #: 2530
          Drug: WARFARIN 2.5MG TAB
          SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
          QTY: 30                      Refills remaining: 11
          Provider: OPPROVIDER, ONE          Issued: 02/13/08
          Status: ACTIVE                      Last filled on: 02/13/08
          Processing Status: Released locally on 02/13/08@08:55:32 (Window)
                                          Days Supply: 30
-----
Discontinue Rx #2530 WARFARIN 2.5MG TAB? Y/N YES

Rx #2530 WARFARIN 2.5MG TAB will be discontinued after the acceptance of the new order.

Now doing remote order checks. Please wait...
Now Processing Enhanced Order Checks! Please Wait...

***CRITICAL*** Drug Interaction with Prospective Drug:
                WARFARIN 2.5MG TAB and

          RX: #2560
          Drug: WARFARIN 2.5MG TAB (ACTIVE)
          SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
          Processing Status: Released locally on 02/18/08@08:55:32 (Window)
          Last Filled On: 02/18/08

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

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// ES

Do you want to Process medication
WARFARIN 2.5MG TAB: P// ROCESS

Enter your Current Signature Code:    SIGNATURE VERIFIED
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention
for WARFARIN 2.5MG TAB

PROVIDER:    OPPROVIDER,ONE    OPP    119
RECOMMENDATION:    NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
Nature of Order: WRITTEN//
.
.
    OR

Do you want to Continue? Y// NO
Duplicate Drug Rx #2530 WARFARIN 2.5MG TAB was NOT Discontinued.
.

```

## Copying an Order – Significant Interaction

Medication Profile Feb 14, 2008@08:56:40 Page: 1 of 1  
 OPPATIENT,TWO <A>

PID: 666-33-3333  
 DOB: JUL 1,1934 (73)  
 SEX: MALE

Ht(cm): 167.64 (10/16/1993)  
 Wt(kg): 68.18 (10/16/1993)

#	RX #	DRUG	QTY	ST	DATE	ISSUE	LAST	REF	DAY
-----ACTIVE-----									
1	2528\$	AMINOPHYLLINE 200MG TAB	120	A	02-13	02-13	11	30	
2	2529\$	ASPIRIN 325MG EC TAB	30	A	02-13	02-13	11	30	
3	2527\$	CIMETIDINE 300MG TAB	30	A	02-13	02-13	11	30	
4	2531\$	INDOMETHACIN 25MG CAP	90	A	02-13	02-13	11	30	
5	2530\$	WARFARIN 2.5MG TAB	30	A	02-13	02-13	11	30	

DC Discontinue PR Partial RL Release  
 ED Edit RF Refill RN Renew  
 Select Action: Next Screen// co CO

New OP Order (COPY) Feb 14, 2008@08:56:43 Page: 1 of 2

OPPATIENT,TWO <A>  
 PID: 666-33-3333  
 DOB: JUL 1,1934 (73)  
 Ht(cm): 167.64 (10/16/1993)  
 Wt(kg): 68.18 (10/16/1993)

Orderable Item: ASPIRIN TAB,EC

(1) Drug: ASPIRIN 325MG EC TAB <DIN>

(2) Patient Status: OPT NSC

(3) Issue Date: FEB 14,2008

(4) Fill Date: FEB 14,2008

(5) Dosage Ordered: 325 (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): 30

(9) # of Refills: 11

(10) Routing: WINDOW

+ Enter ?? for more actions

AC Accept ED Edit

Select Action: Next Screen// ac Accept

-----  
 Duplicate Drug in Local RX:

Rx #: 2529

Drug: ASPIRIN 325MG EC TAB

SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING

QTY: 30

Refills remaining: 11

Provider: OPPROVIDER, ONE

Issued: 02/13/08

Status: ACTIVE

Last filled on: 02/13/08

Processing Status: Released locally on 02/13/08@08:55:32 (Window)

Days Supply: 30

-----  
 Discontinue Rx #2529 ASPIRIN 325MG EC TAB? Y/N YES

Rx #2529 ASPIRIN 325MG EC TAB will be discontinued after the acceptance of the new order.

Now doing remote order checks. Please wait...

Now Processing Enhanced Order Checks! Please Wait...

\*\*\*SIGNIFICANT\*\*\* Drug Interaction with  
 ASPIRIN 325MG EC TAB and

```

Local RX#: 2530
DRUG: WARFARIN 2.5MG TAB (ACTIVE)
SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
Processing Status: Released locally on 01/08/08@08:55:32 (Window)
Last Filled On: 01/08/08

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// n NO
Remote data not available - Only local order checks processed.

Press Return to Continue...

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

Do you want to Intervene? Y// ES
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention
for ASPIRIN 325MG EC TAB

PROVIDER:      OPPROVIDER,ONE      OPP      119
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
Nature of Order: WRITTEN//
.

```

## Verifying an Order – Critical Drug Interaction

```

OP Medications (NON-VERIFIED) Feb 13, 2008@08:49:48          Page:    1 of    2
PSOPATIENT,TWO                                             <A>
  PID: 000-00-0000                      Ht(cm): 167.64 (10/16/1993)
  DOB: JUL 1,1934 (73)                  Wt(kg): 68.18 (10/16/1993)

                                Rx #: 2528$
(1) *Orderable Item: AMINOPHYLLINE TAB
(2)      Drug: AMINOPHYLLINE 200MG TAB
(3)      *Dosage: 200 (MG)
          Verb: TAKE
          Dispense Units: 1
          Noun: TABLET
          *Route: ORAL
          *Schedule: Q6H
(4) Pat Instructions:
          SIG: TAKE ONE TABLET BY MOUTH EVERY 6 HOURS
(5) Patient Status: OPT NSC
(6)   Issue Date: 02/13/08              (7) Fill Date: 02/13/08
      Last Fill Date: 02/13/08 (Window)
+      Enter ?? for more actions
DC Discontinue      PR (Partial)          RL (Release)
ED (Edit)           RF (Refill)           RN (Renew)
Select Action: Next Screen// VF    VF

PSOPATIENT,TWO                      ID#:000-00-0000  RX #2528

```

RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY	FILL	REM	SUP
-----NON-VERIFIED-----								
1 2528\$	AMINOPHYLLINE 200MG TAB	120	N	02-13	02-13	11	30	
2 2529\$	ASPIRIN 325MG EC TAB	30	N	02-13	02-13	11	30	
3 2527\$	CIMETIDINE 300MG TAB	30	N	02-13	02-13	11	30	
4 2531\$	INDOMETHACIN 25MG CAP	90	N	02-13	02-13	11	30	
5 2530\$	WARFARIN 2.5MG TAB	30	N	02-13	02-13	11	30	

Press RETURN to Continue:

\*\*\*CRITICAL\*\*\* Drug Interaction with Prospective Drug:  
AMINOPHYLLINE 200MG TAB and

Local RX#: 2527  
Drug: CIMETIDINE 300MG (ACTIVE)  
SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME  
Processing Status: Released locally on 11/08/08@08:55:32 (Window)  
Last Filled On: 11/08/08

Concurrent cimetidine and theophylline derivative therapy may result in elevated theophylline derivative concentration levels, prolonged elimination half-life, and decreased clearance.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// NO

Medication Profile Feb 13, 2008@08:50:04 Page: 1 of 1  
PSOPATIENT,TWO <A>  
PID: 000-00-0000 Ht(cm): 167.64 (10/16/1993)  
DOB: JUL 1,1934 (73) Wt(kg): 68.18 (10/16/1993)  
SEX: MALE

#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY	FILL	REM	SUP
-----NON-VERIFIED-----									
1	2528\$	AMINOPHYLLINE 200MG TAB	120	N	02-13	02-13	11	30	
2	2529\$	ASPIRIN 325MG EC TAB	30	N	02-13	02-13	11	30	
3	2527\$	CIMETIDINE 300MG TAB	30	N	02-13	02-13	11	30	
4	2531\$	INDOMETHACIN 25MG CAP	90	N	02-13	02-13	11	30	
5	2530\$	WARFARIN 2.5MG TAB	30	N	02-13	02-13	11	30	

Enter ?? for more actions

ED (Edit) RF (Refill) RN (Renew)

.

OR

Do you want to Continue? Y// YES

Do you want to Process or Cancel medication?  
Rx #2528 DRUG: AMINOPHYLLINE 200MG TAB: PROCESS//

Enter your Current Signature Code: SIGNATURE VERIFIED

Now creating Pharmacy Intervention  
for AMINOPHYLLINE 200MG TAB

PROVIDER: PSOPROVIDER,TWO TPP 119  
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this  
intervention or for more options.

Would you like to edit this intervention ? N// O

RX: 2528                      PATIENT: PSOPATIENT,TWO (000-00-0000)  
 STATUS: Non-Verified      CO-PAY STATUS  
           DRUG: AMINOPHYLLINE 200MG TAB  
           QTY: 120            30 DAY SUPPLY  
           SIG: TAKE ONE TABLET BY MOUTH EVERY 6 HOURS  
 LATEST: 02/13/2008                      # OF REFILLS: 11    REMAINING: 11  
 ISSUED: 02/13/08                      PROVIDER:  
 LOGGED: 02/13/08                      CLINIC: NOT ON FILE  
 EXPIRES: 02/13/09                      DIVISION: HINES (499)  
           CAP: SAFETY                      ROUTING: WINDOW  
 ENTRY BY: PSOPHARMACIST,ONE                      VERIFIED BY:

LABEL LOG:

#    DATE                      RX REF                      PRINTED BY

=====  
 1    02/13/08    ORIGINAL                      OPCLERK,ONE  
 COMMENTS: From RX number 2528 Drug-Drug interaction  
 PATIENT STATUS : OPT NSC                      COPIES : 1  
 Now doing remote order checks. Please wait...  
 Remote data not available - Only local order checks processed.

Press Return to Continue...

EDIT:    (Y/N/P): N// O  
 VERIFY FOR PSOPATIENT,TWO ? (Y/N/Delete/Quit): Y// ES  
 .

## Verifying an Order – Significant Drug Interaction

OP Medications (NON-VERIFIED) Feb 13, 2008@08:51:40                      Page:    1 of    2  
 PSOPATIENT,TWO                      <A>

PID: 000-00-0000                      Ht(cm): 167.64 (10/16/1993)  
 DOB: JUL 1,1934 (73)                      Wt(kg): 68.18 (10/16/1993)

   Rx #: 2531\$  
 (1) \*Orderable Item: INDOMETHACIN CAP,ORAL  
 (2)                      Drug: INDOMETHACIN 25MG CAP  
 (3)                      \*Dosage: 25 (MG)  
    Verb: TAKE  
    Dispense Units: 1  
    Noun: CAPSULE  
    \*Route: ORAL  
    \*Schedule: TID  
 (4)Pat Instructions:  
    SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY  
 (5) Patient Status: OPT NSC  
 (6)                      Issue Date: 02/13/08                      (7) Fill Date: 02/13/08  
    Last Fill Date: 02/13/08 (Window)  
 +                      Enter ?? for more actions  
 DC    Discontinue                      PR    (Partial)                      RL    (Release)  
 ED    Edit                      RF    (Refill)                      RN    (Renew)  
 Select Action: Next Screen// VF    VF

PSOPATIENT,TWO                      ID#:000-00-0000    RX #2531

RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
-----ACTIVE-----							
1 2528\$	AMINOPHYLLINE 200MG TAB	120	A	02-13	02-13	11	30
2 2529\$	ASPIRIN 325MG EC TAB	30	A	02-13	02-13	11	30
-----NON-VERIFIED-----							
3 2527\$	CIMETIDINE 300MG TAB	30	N	02-13	02-13	11	30
4 2531\$	INDOMETHACIN 25MG CAP	90	N	02-13	02-13	11	30
5 2530\$	WARFARIN 2.5MG TAB	30	N	02-13	02-13	11	30

Press RETURN to Continue:



```

***SIGNIFICANT*** Drug Interaction with Prospective Drug:
                      INDOMETHACIN 25MG CAP and

      Local RX#: #2530
      DRUG: WARFARIN 2.5MG TAB (ACTIVE)
      SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
Processing Status: Released locally on 02/13/08@08:55:32 (Window)
      Last Filled On: 02/13/08

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// NO

RX: 2531          PATIENT: PSOPATIENT,TWO (000-00-0000)
STATUS: Non-Verified CO-PAY STATUS
      DRUG: INDOMETHACIN 25MG CAP
      QTY: 90      30 DAY SUPPLY
      SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
      LATEST: 02/13/2008      # OF REFILLS: 11  REMAINING: 11
      ISSUED: 02/13/08      PROVIDER:
      LOGGED: 02/13/08      CLINIC: NOT ON FILE
      EXPIRES: 02/13/09      DIVISION: HINES (499)
      CAP: SAFETY      ROUTING: WINDOW
      ENTRY BY: OPCLERK,ONE      VERIFIED BY:

PATIENT STATUS : OPT NSC      COPIES : 1
Now doing remote order checks. Please wait...
Remote data not available - Only local order checks processed.

Press Return to Continue...

EDIT: (Y/N/P): N// O
VERIFY FOR PSOPATIENT,TWO ? (Y/N/Delete/Quit): Y// NO
.
.
      OR

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for INDOMETHACIN 25MG CAP

PROVIDER: PSOPROVIDER,TWO      TPP      119
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

RX: 2531          PATIENT: PSOPATIENT,TWO (000-00-0000)
STATUS: Non-Verified CO-PAY STATUS
      DRUG: INDOMETHACIN 25MG CAP
      QTY: 90      30 DAY SUPPLY
      SIG: TAKE ONE CAPSULE BY MOUTH THREE TIMES A DAY
      LATEST: 02/13/2008      # OF REFILLS: 11  REMAINING: 11
      ISSUED: 02/13/08      PROVIDER:
      LOGGED: 02/13/08      CLINIC: NOT ON FILE
      EXPIRES: 02/13/09      DIVISION: HINES (499)
      CAP: SAFETY      ROUTING: WINDOW
      ENTRY BY: OPCLERK, ONE      VERIFIED BY:

PATIENT STATUS : OPT NSC      COPIES : 1
Now doing remote order checks. Please wait...
Remote data not available - Only local order checks processed.

```

Press Return to Continue...

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

VERIFY FOR PSOPATIENT,TWO ? (Y/N/Delete/Quit): Y// YES

.

## Reinstating A Discontinued Order – Critical Interaction

```
Rx #: 2473
(1) *Orderable Item: AMINOPHYLLINE TAB
(2) Drug: AMINOPHYLLINE 200MG TAB
(3) *Dosage: 200 (MG)
    Verb: TAKE
    Dispense Units: 1
    Noun: TABLET
    *Route: ORAL
    *Schedule: Q6H
(4) Pat Instructions:
    SIG: TAKE ONE TABLET BY MOUTH EVERY 6 HOURS
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 06/25/07 (7) Fill Date: 06/25/07
    Last Fill Date: 02/12/08 (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: TESTING
Nature of Order: SERVICE CORRECTION// S
=====

2473 AMINOPHYLLINE 200MG TAB
Now Processing Enhanced Order Checks! Please Wait...

***CRITICAL*** Drug Interaction with Prospective Drug:
                AMINOPHYLLINE 200MG TAB and

    Local RX#: 2527
    Drug: CIMETIDINE 300MG (ACTIVE)
    SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
Processing Status: Released locally on 02/13/08@08:55:32 (Window)
    Last Filled On: 02/13/08

Concurrent cimetidine and theophylline derivative therapy may result in elevated
theophylline derivative concentration levels, prolonged elimination half-life, and
decreased clearance.

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// NO

PI Patient Information SO Select Order
PU Patient Record Update NO New Order
PI Patient Information SO Select Order
Select Action: Quit// 5

Medication Profile Feb 14, 2008@11:43:17 Page: 1 of 1
PSOPATIENT, TEN <A>
PID: 000-00-0000 Ht (cm): _____ (_____)
DOB: JAN 1,1922 (86) Wt (kg): _____ (_____)
SEX: MALE

# RX # DRUG QTY ST DATE FILL REM SUP
-----ACTIVE-----
1 2472 CIMETIDINE 300MG TAB 60 A 06-25 02-12 11 30
2 2526 INDINAVIR 400MG CAP 90 A 02-12 02-12 11 30
3 2469 RIFAMPIN 300MG CAP 120 A 06-25 02-12 11 30
```

```

4 2525          WARFARIN 5MG TAB                      30 A  02-12 02-12  11  30
-----DISCONTINUED-----
5 2473          AMINOPHYLLINE 200MG TAB                120 DC 06-25 02-12  11  30
6 2533          AMIODARONE 200MG TAB                  180 DC 02-14 02-14  11  30
7 2465          ASPIRIN 325MG EC TAB                   30 DC 06-25 02-12  11  30
8 2471          CARBAMAZEPINE 200MG TAB                 90 DC 06-25 02-12  11  30
9 2524          WARFARIN 2.5MG TAB                     90 DC 02-12 02-12  11  30
      Enter ?? for more actions

ED   (Edit)                RF   (Refill)                RN   Renew
.
.
      Or

Do you want to Continue? Y// ES

Do you want to Process medication
AMINOPHYLLINE 200MG TAB: P// ROCESS

Enter your Current Signature Code:      SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for AMINOPHYLLINE 200MG TAB

PROVIDER:      OPPROVIDER, ELEVEN      EPP
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Prescription #2473 REINSTATED!
Prescription #2473 Filled:  JUN 25, 2007Printed: JUN 25, 2007Released:
** Do you want to print the label now? N// O

ED   (Edit)                RF   (Refill)                RN   Renew
.

```

## Reinstating A Discontinued Order – Significant Interaction

```

Rx #: 2465
(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
(4) Pat Instructions:
      SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 06/25/07      (7) Fill Date: 06/25/07
      Last Fill Date: 02/12/08 (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: TESTING
Nature of Order: SERVICE CORRECTION//      S
=====

2465 ASPIRIN 325MG EC TAB
Now Processing Enhanced Order Checks! Please Wait...

```

```

***SIGNIFICANT*** Drug Interaction with Prospective Drug:
                    ASPIRIN 325MG EC TAB and

    Local RX#: 2524
    Drug: WARFARIN 2.5MG TAB (ACTIVE)
    SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
    Processing Status: Released locally on 02/12/07@08:55:32 (Window)
    Last Filled On: 02/12/07

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// NO

Prescription #2465 REINSTATED!
  Prescription #2465 Filled: JUN 25, 2007Printed: JUN 25, 2007Released:
    ** Do you want to print the label now? N//
.
.
  OR

Do you want to Intervene? Y// YES

Do you want to Process medication
CARBAMAZEPINE 200MG TAB: P// ROCESS

Enter your Current Signature Code:    SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for CARBAMAZEPINE 200MG TAB

PROVIDER:    OPPROVIDER, ELEVEN      EPP
RECOMMENDATION:    NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Prescription #2471 REINSTATED!
  Prescription #2471 Filled: JUN 25, 2007Printed: JUN 25, 2007Released:
    ** Do you want to print the label now? N// O
.

```

## Editing An Order – Creating a New Order – Critical Interaction

Medication Profile			Feb 14, 2008@12:26:38			Page: 1 of 2		
OPPATIENT, ONE						<A>		
PID: 000-00-0000			Ht (cm):			( )		
DOB: JAN 1,1922 (86)			Wt (kg):			( )		
SEX: MALE								
						ISSUE	LAST REF	DAY
#	RX #	DRUG	QTY	ST	DATE	FILL	REM	SUP
-----ACTIVE-----								
1	2473	AMINOPHYLLINE 200MG TAB	120	A	06-25	02-12	11	30
2	2537	ASPIRIN 325MG EC TAB	30	A	02-14	02-14	11	30
3	2471	CARBAMAZEPINE 200MG TAB	90	A	06-25	02-12	11	30
4	2472	CIMETIDINE 300MG TAB	60	A	06-25	02-12	11	30
5	2526	INDINAVIR 400MG CAP	90	A	02-12	02-12	11	30
6	2469	RIFAMPIN 300MG CAP	120	A	06-25	02-12	11	30
-----DISCONTINUED-----								
7	2533	AMIODARONE 200MG TAB	180	DC	02-14	02-14	11	30
8	2536	DIPYRIDAMOLE 25MG TAB	30	DE	02-14	02-14	11	30
9	2524	WARFARIN 2.5MG TAB	90	DC	02-12	02-12	11	30
+ Enter ?? for more actions								

```

DC  Discontinue      PR  Partial      RL  Release
ED  Edit             RF  Refill       RN  Renew
Select Action: Next Screen// ED

Rx #: 2537
(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
OP Medications (ACTIVE) Feb 14, 2008@12:26:38 Page: 1 of 2
OPPATIENT, ONE <A>
PID: 000-00-0000 Ht (cm): _____ (_____)
DOB: JAN 1,1922 (86) Wt (kg): _____ (_____)

*Schedule: QAM
(4) Pat Instructions:
    SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 02/14/08 (7) Fill Date: 02/14/08
    Last Fill Date: 02/14/08 (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: ASPIRIN TAB,EC
Select PHARMACY ORDERABLE ITEM NAME: ASPIRIN// AMIODARONE AMIODARONE TAB

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

Press Return to Continue...

-----
Duplicate Drug in Local Rx:

Rx #: 2533
Drug: AMIODARONE 200MG TAB
SIG: TAKE TWO TABLETS BY MOUTH THREE TIMES A DAY
QTY: 180 Refills remaining: 11
Provider: OPPROVIDER,TEN Issued: 02/14/08
Status: Discontinued Last filled on: 02/14/08
Processing Status: Released locally on 02/14/08@08:55:32 (Window)
Days Supply: 30
-----

Press Return to Continue:
Now Processing Enhanced Order Checks! Please Wait...

***CRITICAL*** Drug Interaction with Prospective Drug:
AMIODARONE 200MG TAB and

Local RX#: 2526
Drug: INDINAVIR 400MG CAP (ACTIVE)
SIG: TAKE ONE CAPSULES EVERY 8 HOURS
Processing Status: Released locally on 02/12/08@08:55:32 (Window)
Last Filled On: 02/12/08

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.

Display Professional Interaction Monograph? N//No

Do you want to Continue? Y// NO

Rx #: 2537
(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
OP Medications (ACTIVE)      Feb 14, 2008@12:27:09      Page: 1 of 2
OPPATIENT, ONE              <A>
  PID: 000-00-0000          Ht (cm) : _____ (_____)
  DOB: JAN 1,1922 (86)      Wt (kg) : _____ (_____)

(4)Pat Instructions:
      SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 02/14/08      (7) Fill Date: 02/14/08
    Last Fill Date: 02/14/08 (Window)
+      Enter ?? for more actions
DC Discontinue      PR Partial      RL Release
ED Edit            RF Refill        RN Renew
Select Action: Next Screen//
.
.
OR

Do you want to Continue? Y// ES

Do you want to Process medication
AMIODARONE 200MG TAB: P// ROCESS

Enter your Current Signature Code:      SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for AMIODARONE 200MG TAB

PROVIDER:      PSOPROVIDER, THREE      TPP
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
.

```

## Editing An Order – Creating a New Order – Significant Interaction

```

Rx #: 2537
(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
OP Medications (ACTIVE)      Feb 14, 2008@12:27:09      Page: 1 of 2
OPPATIENT,TWO              <A>
  PID: 000-00-0000          Ht (cm) : _____ (_____)
  DOB: JAN 1,1922 (86)      Wt (kg) : _____ (_____)

(4)Pat Instructions:
      SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 02/14/08      (7) Fill Date: 02/14/08
    Last Fill Date: 02/14/08 (Window)
+      Enter ?? for more actions
DC Discontinue      PR Partial      RL Release
ED Edit            RF Refill        RN Renew
Select Action: Next Screen// EDIT Edit

```

```

Select fields by number:  (1-19): 1

Current Orderable Item: ASPIRIN TAB,EC
Select PHARMACY ORDERABLE ITEM NAME: ASPIRIN// AMIODARONE  AMIODARONE  TAB

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

Press Return to Continue...

-----
Duplicate Drug in Local Rx:

      Rx #: 2533
      Drug: AMIODARONE 200MG TAB
      SIG: TAKE TWO TABLETS BY MOUTH THREE TIMES A DAY
      QTY: 180                      Refills remaining: 11
      Provider: OPPROVIDER,TEN      Issued: 02/14/08
      Status: Discontinued          Last filled on: 02/14/08
      Processing Status: Released locally on 02/14/08@08:55:32 (Window)
                                   Days Supply: 30
-----

Press Return to Continue:
Now Processing Enhanced Order Checks! Please Wait...

***SIGNIFICANT*** Drug Interaction with Prospective Drug:
                   AMIODARONE 200MG TAB and

      Local RX#: 2469
      Drug: CIPROFLOXACIN 750MG TAB (ACTIVE)
      SIG: TAKE ONE TABLET EVERY 12 HOURS
      Processing Status: Released locally on 02/12/08@08:55:32 (Window)
      Last Filled On: 02/12/08

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? N//No

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for AMIODARONE 200MG TAB

PROVIDER:      OPPROVIDER,ELEVEN      EPP
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
.
.
OR
Do you want to Intervene? Y// NO

You have changed the Orderable Item from
ASPIRIN to AMIODARONE.
Do You want to Edit the SIG? NO// YES
Available Dosage(s)
  1. 200MG
  2. 400MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1 200MG

You entered 200MG is this correct? Yes// YES
VERB: TAKE// TAKE
DISPENSE UNITS PER DOSE(TABLET): 1// 1
.

```

## Backdoor New Order Entry by Non-Pharmacist – Critical Interaction with Non-VA Med plus Significant Interaction with Local Rx

```
Enter ?? for more actions
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: WARFARIN
  Lookup: GENERIC NAME
        1  WARFARIN 2.5MG TAB          BL110
        2  WARFARIN 5MG TAB           BL110
CHOOSE 1-2: 2  WARFARIN 5MG TAB          BL110

Now Processing Enhanced Order Checks!  Please Wait...

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

                Non-VA Med: CIMETIDINE 300MG TAB
                Dosage: ONE TABLET  Schedule: AT BEDTIME

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

Display Professional Interaction Monograph? No// No

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

                Local RX#: 2443
                Drug: IBUPROFEN 600MG TAB (ACTIVE)
                SIG: TAKE ONE TABLET BY MOUTH THREE TIMES DAILY
Processing Status: Released locally on 11/08/07@08:55:32  (Window)
Last Filled On: 11/08/07

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// Yes

Device: Home// <Home would print to screen, or a specific device could be specified>

Professional Monograph
Drug Interaction with WARFARIN and IBUPROFEN

MONOGRAPH TITLE:  Anticoagulants/NSAIDs

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

MECHANISM OF ACTION:  The exact mechanism is unknown. Some NSAIDs may displace
anticoagulants from plasma protein binding sites. NSAIDs also have the potential to
produce gastrointestinal ulceration and bleeding. Some NSAIDs may impair platelet
function and prolong bleeding times.

CLINICAL EFFECTS:  In some patients, NSAIDs have been associated with an increase in the
hypoprothrombinemic effect to anticoagulants.

PREDISPOSING FACTORS:  None determined.

PATIENT MANAGEMENT:  If concurrent therapy with anticoagulants and NSAIDs is warranted,
patients should be monitored for an increased hypoprothrombinemic response when NSAIDs
are added to the patient's drug regimen. In addition to routine monitoring of INR values,
the patient should be observed for signs of increased effect, including bruising or
bleeding. The time of highest risk for a coumarin-type drug interaction is when the
```



precipitant drug is initiated or discontinued. Consult with the prescriber before initiating, altering the dose of, or discontinuing either drug.

**DISCUSSION:** The effects of NSAIDs on the hypoprothrombinemic response to anticoagulants appears to vary between patients as well as with different NSAIDs. Documentation is frequently contradictory - while studies have shown several NSAIDs to have no effect on the pharmacokinetics of warfarin, case reports have documented increased effects with and without bleeding when these same NSAIDs were administered concurrently with warfarin. While celecoxib has been shown not to affect platelet aggregation or bleeding times and had no effects on the anticoagulant effect of warfarin in healthy subjects, increased prothrombin times and bleeding episodes, some of which were fatal, have been reported, predominantly in the elderly, in patients receiving concurrent therapy with celecoxib and warfarin. Rofecoxib has been shown to increase prothrombin times in subjects who received concurrent warfarin therapy. If concurrent therapy with anticoagulants and NSAIDs is warranted, it would be prudent to monitor patients closely for increased anticoagulant effects.

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Do you want to Intervene? Y// ES

```

Now creating Pharmacy Intervention
for WARFARIN 5MG TAB

PROVIDER:      OPPROVIDER,ELEVEN      EPP
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
.
.

      OR
Do you want to Intervene? Y// NO

VERB: TAKE
Available Dosage(s)
      1. 5MG
      2. 10MG

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

```

## Finishing a Pending Order by Non-Pharmacist

```

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

                Non-VA Med: CIMETIDINE 300MG TAB
                Dosage: ONE TABLET      Schedule: AT BEDTIME

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

Display Professional Interaction Monograph? No// No

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

                Local RX#: 2443
                Drug: IBUPROFEN 600MG TAB (ACTIVE)
                SIG: TAKE ONE TABLET BY MOUTH THREE TIMES DAILY
Processing Status: Released locally on 11/08/07@08:55:32  (Window)
Last Filled On: 11/08/07

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for WARFARIN 5MG TAB

PROVIDER:      OPPROVIDER,ELEVEN      EPP
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
.
.

      OR
Do you want to Intervene? Y// NO

```

Rx # 2559 03/04/08  
OPPATIENT,ONE #90  
TAKE ONE TABLET BY MOUTH EVERY EVENING

WARFARIN 5MG TAB  
OERRPROVIDER,ONE PSOPHARMACIST,ONE  
# of Refills: 3

SC Percent: 80%  
Disabilities: NONE STATED

Was treatment for a Service Connected condition? YES//  
.

## Pharmacist Verifying order with 2 drug interactions

OP Medications (NON-VERIFIED) Mar 04, 2008@11:55:21 Page: 1 of 2  
OPPATIENT,ONE <A>  
PID: 666-00-0000 Ht (cm) : \_\_\_\_\_ (\_\_\_\_\_)  
DOB: JAN 1,1910 (98) Wt (kg) : \_\_\_\_\_ (\_\_\_\_\_)

Rx #: 2560  
(1) \*Orderable Item: WARFARIN TAB  
(2) Drug: WARFARIN 5MG TAB  
(3) \*Dosage: 5 (MG)  
Verb: TAKE  
Dispense Units: 1  
Noun: TABLET  
\*Route: ORAL  
\*Schedule: QPM  
(4) Pat Instructions:  
SIG: TAKE ONE TABLET BY MOUTH EVERY EVENING  
(5) Patient Status: SC  
(6) Issue Date: 03/04/08 (7) Fill Date: 03/04/08  
Last Fill Date: 03/04/08 (Window)  
+ Enter ?? for more actions  
DC Discontinue PR (Partial) RL (Release)  
ED Edit RF (Refill) RN (Renew)  
Select Action: Next Screen// VF VF

OPPATIENT,ONE ID#:666-00-0000 RX #2560

RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF	DAY SUP
-----ACTIVE-----							
1 2550	IBUPROFEN 600MG TAB	270	A	03-03	03-04	3	90
-----NON-VERIFIED-----							
2 2560	WARFARIN 5MG TAB	90	N	03-04	03-04	3	90
-----PENDING-----							
3	FAMOTIDINE 20MG TAB	QTY: 180		ISDT: 03-04		REF: 3	
4	INDOMETHACIN 25MG CAP	QTY: 270		ISDT: 03-04		REF: 3	
5	LOVASTATIN 10MG TAB	QTY: 90		ISDT: 03-03		REF: 3	
6	NIFEDIPINE 90MG SA TAB	QTY: 90		ISDT: 03-03		REF: 3	

-----Non-VA MEDS (Not dispensed by VA)-----  
CIMETIDINE 300MG TAB 300MG TWICE A DAY Date Documented: 03/03/08  
Press RETURN to Continue:

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

Non-VA Med: CIMETIDINE 300MG TAB  
Dosage: ONE TABLET Schedule: AT BEDTIME

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

Display Professional Interaction Monograph? No// No

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

Local RX#: 2443  
Drug: IBUPROFEN 600MG TAB (ACTIVE)  
SIG: TAKE ONE TABLET BY MOUTH THREE TIMES DAILY  
Processing Status: Released locally on 11/08/07@08:55:32 (Window)  
Last Filled On: 11/08/07

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

Display Professional Interaction Monograph? No// No

Do you want to Intervene? Y// NO

RX: 2560 PATIENT: OPPATIENT,ONE (666-00-0000)  
STATUS: Non-Verified  
DRUG: WARFARIN 5MG TAB  
QTY: 90 90 DAY SUPPLY  
SIG: TAKE ONE TABLET BY MOUTH EVERY EVENING  
LATEST: 03/04/2008 # OF REFILLS: 3 REMAINING: 3  
ISSUED: 03/04/08 PROVIDER:  
LOGGED: 03/04/08 CLINIC: BARB'S CLINIC  
EXPIRES: 03/05/09 DIVISION: HINES (499)  
CAP: SAFETY ROUTING: WINDOW  
ENTRY BY: OERRPROVIDER,ONE VERIFIED BY:

ACTIVITY LOG:

#	DATE	REASON	RX REF	INITIATOR OF ACTIVITY
---	------	--------	--------	-----------------------

1	03/04/08	PATIENT INST.ORIGINAL		
COMMENTS: Patient Instructions Not Sent By Provider.				
PATIENT STATUS : SC		COPIES : 1		
EDIT: (Y/N/P): N// NO				
VERIFY FOR OPPATIENT,ONE ? (Y/N/Delete/Quit): Y// ES				

PI Patient Information

SO Select Order

Medication Profile Mar 04, 2008@11:55:31 Page: 1 of 1  
OPPATIENT,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  
ISSUE LAST REF DAY  
# RX # DRUG QTY ST DATE FILL REM SUP

-----ACTIVE-----									
1	2550	IBUPROFEN 600MG TAB	270	A	03-03	03-04	3	90	
2	2560	WARFARIN 5MG TAB	90	A	03-04	03-04	3	90	

-----PENDING-----									
3	FAMOTIDINE 20MG TAB	QTY: 180	ISDT: 03-04>	REF: 3					
4	INDOMETHACIN 25MG CAP	QTY: 270	ISDT: 03-04	REF: 3					
5	LOVASTATIN 10MG TAB	QTY: 90	ISDT: 03-03	REF: 3					
6	NIFEDIPINE 90MG SA TAB	QTY: 90	ISDT: 03-03	REF: 3					

-----Non-VA MEDS (Not dispensed by VA)-----  
CIMETIDINE 300MG TAB 300MG TWICE A DAY Date Documented: 03/03/08

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

For orders with multiple drug interactions, the user is presented with a drug interaction monograph display prompt and intervention prompt after each drug interaction warning is displayed.

### Multiple Drug Interactions

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

Eligibility: SERVICE CONNECTED 50% to 100%      SC%: 60
              PRISONER OF WAR
RX PATIENT STATUS: SC//
DRUG: WARFAR
  Lookup: GENERIC NAME
           1  WARFARIN (COUMADIN) NA 2.5MG TAB      BL110
           2  WARFARIN 5MG TAB                      BL110
CHOOSE 1-2: 1  WARFARIN (COUMADIN) NA 2.5MG TAB      BL110

Now Processing Enhanced Order Checks!  Please Wait...

-----
***Critical*** Drug Interaction with Prospective Drug:
                WARFARIN 2.5MG TAB and

                Local RX#: 2376
                Drug: CIMETIDINE 300MG TAB (ACTIVE)
                SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
Processing Status: Released locally on 11/08/07@08:55:32  (Window)
Last Filled On: 11/08/07

The pharmacologic effects of warfarin may be increased resulting in severe bleeding.
-----
Display Professional Interaction Monograph? No// No

-----
***SIGNIFICANT*** Drug Interaction with Prospective Drug:
                WARFARIN 2.5MG TAB and

                Local RX#: 2378
                Drug: ASPIRIN 325MG EC TAB (ACTIVE)
                SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING
Processing Status: Released locally on 11/08/07@08:55:32  (Window)
Last Filled On: 11/08/07

*** REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL EFFECTS
-----
Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// YES

Do you want to Process medication
CIMETIDINE 300MG TAB P// ROCESS

Enter your Current Signature Code:      SIGNATURE VERIFIED
Remote data not available - Only local order checks processed.

Press Return to Continue...

Now creating Pharmacy Intervention
for CIMETIDINE 300MG TAB

PROVIDER: OPPROVIDER, ONE
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
.
```

Now Processing Enhanced Order Checks! Please wait...

-----  
\*\*\*Critical\*\*\* Drug Interaction with Prospective Drug:  
WARFARIN (COUMADIN) NA 5MG TAB and

Local Rx#: 509974  
Drug: AMIODARONE 200MG TAB (SUSPENDED)  
SIG: TAKE ONE TABLET BY MOUTH THREE TIMES A DAY  
Processing Status: Not released locally (Window)  
Last Filled On: 11/08/06

Pending Drug: AMIODARONE HCL (PACERONE) 200MG TAB  
SIG: TAKE ONE TABLET BY MOUTH EVERY 8 HOURS

The concurrent administration of amiodarone and an anticoagulant may result in an increase in the clinical effects of the anticoagulant and an increased risk of bleeding.(1-22) It may take several weeks of concurrent therapy before the full effects of this interaction are noted. The effect of amiodarone on anticoagulant levels may continue for several months after amiodarone is discontinued.

-----  
Display Interaction Monograph? No// NO

-----  
\*\*\*Critical\*\*\* Drug Interaction with Prospective Drug:  
WARFARIN (COUMADIN) NA 5MG TAB

Local Rx#: 502214  
Drug: KETOCONAZOLE 200MG TAB (ACTIVE)  
SIG: TAKE ONE TABLET BY MOUTH THREE TIMES A DAY  
Processing Status: Not released locally (Window)  
Last Filled On: 11/08/06

The anticoagulant effect of warfarin may be increased.

-----  
Display Interaction Monograph? No// NO

-----  
\*\*\*Critical\*\*\* Drug Interaction with Prospective Drug:  
WARFARIN (COUMADIN) NA 5MG TAB and

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

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

-----  
Display Interaction Monograph? No// NO

-----  
\*\*\*Significant\*\*\* Drug Interaction with Prospective Drug:  
WARFARIN (COUMADIN) NA 5MG TAB and

Location: <Remote facility name> Remote Rx#: 502211  
Drug: ASPIRIN 325MG EC TAB (ACTIVE)  
SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING  
Last Filled On: 11/08/06

Non-VA Med: ASPIRIN 325MG EC TAB  
Dosage: 325MG Schedule: EVERY MORNING

\*\*\* REFER TO MONOGRAPH FOR SIGNIFICANT INTERACTION CLINICAL

Display Interaction Monograph? No// NO

Do you want to Continue? Y// ES

```
Do you want to Process medication
WARFARIN (COUMADIN) NA 5MG TAB: P// ROCESS

Enter your Current Signature Code:      SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for  WARFARIN (COUMADIN) NA 5MG TAB

PROVIDER:
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O
```

## 1. 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 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.

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 that 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:

### 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)
=====
```

### 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
=====
```

### 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
```



## 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 ANTAGONISTS (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 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.
```

See Therapeutic Duplication examples below:

**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>
(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

=====
*** 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//
```

**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)
=====
*** 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 Yes

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

Select (1-2): 2 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//

**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

===== 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 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:
.

```

**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//
.
```

## Verification of Non-Verified Order

```
OP Medications (NON-VERIFIED) Mar 12, 2008@09:02:56          Page: 1 of 2
PSOPATIENT,ONE                                             <A>
  PID: 666-00-0000                                         Ht (cm) : _____ (_____)
  DOB: JAN 1,1910 (98)                                    Wt (kg) : _____ (_____)

      Rx #: 2573
(1) *Orderable Item: NIZATIDINE CAP,ORAL
(2)      Drug: NIZATIDINE 150MG CAP
(3)      *Dosage: 150 (MG)
          Verb: TAKE
          Dispense Units: 1
          Noun: CAPSULE
          *Route: ORAL
          *Schedule: BID
(4) Pat Instructions:
      SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
(5) Patient Status: SC
(6)      Issue Date: 03/07/08          (7) Fill Date: 03/07/08
      Last Fill Date: 03/07/08 (Window)
+      Enter ?? for more actions
DC Discontinue      PR (Partial)          RL (Release)
ED Edit            RF (Refill)           RN (Renew)
Select Action: Next Screen// VF  VF

RX: 2573          PATIENT: PSOPATIENT,ONE (666-00-0000)
STATUS: Non-Verified
      DRUG: NIZATIDINE 150MG CAP
      QTY: 180      90 DAY SUPPLY
      SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
      LATEST: 03/07/2008          # OF REFILLS: 3  REMAINING: 3
      ISSUED: 03/07/08          PROVIDER:
      LOGGED: 03/07/08          CLINIC: NOT ON FILE
      EXPIRES: 03/08/09          DIVISION: HINES (499)
      CAP: SAFETY          ROUTING: WINDOW
      ENTRY BY: PSOPROVIDER,ONE  VERIFIED BY:

PATIENT STATUS : SC          COPIES : 1

Press RETURN to Continue:
=====
*** THERAPEUTIC DUPLICATION(S) *** NIZATIDINE 150MG CAP with

      Local Rx#: 2580A
      Drug: SUCRALFATE 1GM TAB (ACTIVE)
      SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
      QTY: 180          Days Supply: 90
      Processing Status: Released locally on 3/12/08@08:55:32 (Window)
      Last Filled On: 03/12/08

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

=====
Discontinue RX #2580A SUCRALFATE 1GM TAB ? Y/N No

Press Return to Continue:
EDIT: (Y/N/P): N// O
VERIFY FOR PSOPATIENT,ONE ? (Y/N/Delete/Quit): Y// ES
.
```

## 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...
.

```

## Reinstating a Discontinued Order

```

          Rx #: 2586
(1) *Orderable Item: CIMETIDINE TAB
(2)          Drug: CIMETIDINE 300MG TAB
(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// y YES

Comments: testing duplicate therapy check
Nature of Order: SERVICE CORRECTION//          S

=====
*** 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.
.

```

## Creating a New Order – Editing the Orderable Item

```
Rx #: 2594
(1) *Orderable Item: ENALAPRIL TAB *** (N/F) ***
(2) Drug: ENALAPRIL 5MG TAB *** (N/F) ***
(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
=====
*** 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// ...  
 .

## 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
                                                    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)

=====
*** 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 ANTAGONISTS (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:
.
```

## 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 allergy 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.

## Allergy/ADR Order Checks (PSO\*7\*251)

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

Legacy Outpatient Pharmacy displays the same allergy/ADR warning twice if drug class(es) and drug ingredient(s) are defined for the allergy/ADR. The drug class is listed on one display and the drug ingredient on the other. The user is also prompted to intervene for both warnings. 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, an intervention dialog is available for each order. Only one warning will be displayed for an Allergy/ADR. If no intervention is chosen, the standard order entry dialog will resume.

See examples below:

### 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!

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

Do you want to Intervene? Y// NO

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:
.
.
  OR

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for DILTIAZEM (DILACOR XR) 240MG SA CAP

PROVIDER:      PSOPROVIDER,THREE      TPP      119
RECOMMENDATION: NO CHANGE
```

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Would you like to edit this intervention ? N// O

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: SEPTRA

Lookup: GENERIC NAME

SEPTRA DS TAB AM650

...OK? Yes// (Yes)

Now doing allergy checks. Please wait...

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

Drug: SEPTRA DS TAB

Class: AM650 SULFONAMIDE/RELATED ANTIMICROBIALS (LOCAL)

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention  
for SEPTRA DS TAB

PROVIDER: PSOPROVIDER,FOUR FPP 119

RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Would you like to edit this intervention ? N// O

Available Dosage(s)

1. 1 TABLET
2. 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// ORAL PO MOUTH

Schedule: BID (TWICE A DAY)

LIMITED DURATION (IN DAYS, HOURS OR MINUTES):

.

## Local & Remote Allergy/ADR – Multi-ingredients, Pending Order

```
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!

Drug: SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB
  Ingredients: SULFAMETHOXAZOLE (LOCAL), TRIMETHOPRIM (LOCAL)
  Class: AM650 SULFONAMIDE/RELATED ANTIMICROBIALS (LOCAL AND REMOTE SITE(S))

Do you want to Intervene? Y// ES

Now creating Pharmacy Intervention
for SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB

PROVIDER:    PSOPROVIDER, 11      PP      119
RECOMMENDATION:    NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

Rx # 2611                      03/24/08
PSOPATIENT,THREE                      #20
TAKE 1 TABLET BY MOUTH EVERY 12 HOURS

SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB
PSOPROVIDER, 11                      PSOPHARMACIST,TWO
# of Refills: 1

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



# Chapter 19: 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 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 Rx 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>
-----example continues-----
```

### Example: MailMan Message (continued)

```
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, nutritional, 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	OPPHARMACIST11,THREE
Comment: NO BILLING FOR THIS FILL				

If a patient falls below the annual copayment cap for whatever reason (e.g. prescription fill is returned to stock and copay charges cancelled), 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	OPPHARMACIST11,THREE
Comment: NO BILLING FOR THIS FILL				
2	10/23/01	IB-INITIATED COPAY	ORIGINAL	OPPHARMACIST11,THREE
Comment: PARTIAL CHARGE				

If a prescription is not 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 must be used by the pharmacy.

## 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 will be advised that the order must be released through the *Outpatient Rx's* option in the *Controlled Substances* (CS) menu. The same message will display if a user attempts to release a digitally signed CSII order during Speed Release or when using the *Release Medication* option.



At this time the functionality for entering and processing digitally signed orders is part of a pilot project limited to only one site. System-wide implementation of this functionality requires further study and modifications.

## 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 – 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 than the current prescription NDC.
- NDC CODE field values in the SYNONYM sub-file in the DRUG file, if valid and different than 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.

#### Example: Releasing an ePharmacy Order – Selecting Default 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
```

```
NDC: 00580-0277-10// <Enter> 00580-0277-10  
Prescription Number 100003853 Released  
No Refill(s) to be Released  
No Partial(s) to be Released
```

```
Press Return to Continue:
```

#### 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
```

```
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 20: Returning Medication to Stock

---

This chapter describes the option used for returning medication to stock.

### Return Medication to Stock

#### [PSO RETURNED STOCK]

This option is used when a prescription has been released, but has been refused, not picked up, or not given to the patient for some reason. Comments can be entered to explain why the medication was returned to stock.

A prescription can only be returned to stock if the prescription status is Active, Discontinued, or Expired. If the prescription is not released, there is no need to return it to stock. This function increases the inventory so that a more current level is maintained by the Outpatient Pharmacy package and removes the copay charge if it is applicable to the prescription. It is highly recommended that this option be used.

When an ePharmacy prescription is returned to stock, the software checks to see if it has a PAYABLE claim. If so, a request is sent to ECME to electronically reverse the claim with the third party payer. Also, if the prescription contains any unresolved DUR or REFILL TOO SOON reject, it will be marked resolved with the reason 'Prescription Returned To Stock'.

If a copay charge is removed by returning a prescription fill to stock, an entry will be placed in the Copay activity log documenting the action.

#### Example: Copay Activity Log

Copay Activity Log:				
#	Date	Reason	Rx Ref	Initiator Of Activity
=====				
1	11/21/01	REMOVE COPAY CHARGE	REFILL 1	OPPHARMACIST9,THREE
Comment: RX REFUSED Returned to stock				

If an **original fill** is returned to stock and reprinted, it can be released again. If a **refill** is returned to stock, the refill is deleted so the patient will not lose it.

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# Chapter 21: Processing a Prescription

---

This chapter describes the menu and options used in processing prescriptions.

## Rx (Prescriptions)

### [PSO RX]

The *Rx (Prescriptions)* menu allows the pharmacist to manipulate information that pertains to prescriptions. Actions are taken on prescriptions via this menu. Some previous options, such as renew, refill, edit, release, are now actions in the *Patient Prescription Processing* option found on this menu. Also, data now must be entered for the individual fields that are used to build a Sig.

Default values are also displayed for possible dosages, schedules, med routes, and patient instructions. When possible, default quantities are calculated using data entered into specific fields during medication order entry.

The following options are available on this menu:

- *Patient Prescription Processing*
- *Barcode Rx Menu ...*
- *Complete Orders from OERR*
- *Discontinue Prescription(s)*
- *Edit Prescriptions*
- *ePharmacy Menu ...*
- *Third Party Payer Rejects - View/Process*
- *Third Party Payer Rejects - Worklist*
- *List One Patient's Archived Rx's*
- *Manual Print of Multi-Rx Forms*
- *Reprint an Outpatient Rx Label*
- *Signature Log Reprint*
- *View Prescriptions*

## Patient Prescription Processing

### [PSO LM BACKDOOR ORDERS]

This option is used to process outpatient medication through OERR V. 3.0. The *Patient Prescription Processing* option is found on the *Outpatient Pharmacy Manager Menu* and the *Pharmacist Menu* under the *Rx (Prescriptions)* option. This option uses List Manager features to allow the outpatient pharmacy manager and pharmacist to perform the following actions on a prescription without leaving this option.

- Enter a new Rx
- Discontinue
- Edit
- Refill
- Renew
- Hold
- Unhold
- Order a partial
- Release
- Reprint
- Copy
- Verify a prescription
- Show a profile
- View activity log
- Pull early from suspense

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 class, drug-drug interaction, and drug-drug allergy.

With the introduction of enhanced Order checks, 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
- Order Level Error Messages – Drug Interactions
- Local & Remote Duplicate Therapy
- Order Level Error Messages – Duplicate Therapy

Additionally, the order check display sequence is applied to the following processes:

- Backdoor new order entry
- Finishing a pending order
- When 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 two levels of error messages associated with enhanced order checking:

1. System - When such an error occurs no drug interaction or duplicate therapy 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.
2. Drug - The second error level is for the drug and no drug interaction/duplicate therapy order checks will be performed for a specific drug. When you are processing an order, you may see a drug level error for a drug that is on the profile. This indicates that a drug interaction or duplicate therapy order check will not be performed for the drug in the order you are processing against this profile drug. Profile drug errors will only be shown once per patient session. So if you process several more orders, you will not see the error again. However, if you exit the option and at some later time reselect this patient to process new orders or take action on any existing orders, you will be shown the profile drug error once again.

If a drug level error occurs on the drug in the order you are processing, no profile drug errors will be displayed. No order checks (duplicate therapy or drug interaction) will occur for the processing drug (prospective drug). The only exception to this is when you are processing an IV order with multiple prospective drugs (i.e. multiple additives).

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 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.

Error Level	Error Message	Reason	Why message is being displayed.
Drug	Order Checks could not be done for Drug: <DRUG NAME>, please complete a manual check for Drug Interactions and Duplicate Therapy.		If this error message is displayed, it means that the VA product that the local drug being ordered/or on 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.

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 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 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 Processing Enhanced Order Checks! Please wait...

Enhanced Order Checks cannot be performed for Local Drug: RANITIDINE 150MG TAB
Reason: No GCNSEQNO exists for VA Product

=====
*** THERAPEUTIC DUPLICATION *** Local Rx for SUCRALFATE 1GM TAB with Local Rx for
CIMETIDINE 300MG TAB and Local Rx for NIZATIDINE 150MG CAP and Local Rx for FAMOTIDINE
20MG TAB

      Rx: #2574
      Drug: CIMETIDINE 300MG TAB
      SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
      QTY: 180                      Refills remaining: 3
      Provider: PSOPROVIDER,ONE          Issued: 02/12/08
      Status: Discontinued                Last filled on: 03/07/08
      Processing Status: Released locally on 03/07/08@08:55:32 (Window)
                                      Days Supply: 90
-----

      Rx: #2573
      Drug: NIZATIDINE 150MG CAP
      SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
      QTY: 180                      Refills remaining: 3
      Provider: PSOPROVIDER,ONE          Issued: 03/07/08
      Status: Hold                        Last filled on: 03/07/08
      Processing Status: Released locally on 03/07/08@08:55:32 (Window)
                                      Days Supply: 90
-----

      Rx: #2599
      Drug: FAMOTIDINE 20MG TAB
      SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
      QTY: 180                      Refills remaining: 3
      Provider: PSOPROVIDER,ONE          Issued: 03/07/08
      Status: Provider Hold               Last filled on: 03/07/08
      Processing Status: Released locally on 03/07/08@08:55:32 (Window)
                                      Days Supply: 90

Duplicate Therapy Class(es): Peptic Ulcer Agents

```

```

=====
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//
.

```

## Duplicate Drug Order Check

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:

```

## 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
Order Check #1:
      SIGNIFICANT drug-drug interaction: CIMETIDINE & PROPRANOLOL (PROPRANOLOL
      TAB 40MG PO QID [PENDING])
Overriding Provider: PSOPROVIDER,TEN
      Reason:<NOT ENTERED>
Statement/Explanation/Comments:
      Patient wants to buy from Non-VA pharmacy
```

### 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...

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>
  (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>
(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)

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
(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)

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
(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

# 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
Order Check #1:
SIGNIFICANT drug-drug interaction: CIMETIDINE & PROPRANOLOL (PROPRANOLOL
TAB 40MG PO QID [PENDING])
Overriding Provider: PSOPROVIDER,TEN
Reason:
Statement/Explanation/Comments:
Patient wants to buy from Non-VA pharmacy

```

-----  
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

Provider Comments:

-----  
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.

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 displays asking if the user wants to update the address.

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.

*(This page included for two-sided copying.)*



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))”.

The check for remote data availability is performed upon entering the patient’s profile, rather than on each order, to ensure that both remote data and local data are used for order checking.



**Note:** Once the above patches have been installed, a new comment for remote order checks, “Now processing Enhanced Order Checks! Please wait....” has been added to the screen. The previous comment, “Now doing order checks. Please wait...” is replaced by: “Now doing allergy checks. Please wait...”

The following will not be included in order checks (after patch PSO\*7\*243):

- Prescriptions with a status of “DELETED” in the STATUS field in the PRESCRIPTION file from a remote facility
- Prescriptions with a missing expiration date, unless the ISSUE DATE field of the PRESCRIPTION file is within the past year

Remote order checking added (after patch PSO\*7\*243):

- For drug class when orders are placed for locally defined drugs
- Allergy Analgesic class order checks only match against the specific 5-character class if the class begins with “CN10”

If for any reason remote order checks cannot be performed, the following message displays:

Remote data not available - Only local order checks processed.



**Note:** For remote order checking, if the remote order does not have a VA PRODUCT file VUID, then it will not be included in drug-drug order checks.

This option also prompts for International Classification of Diseases--9th edition (ICD-9) Diagnosis Codes (maximum of eight). Along with the PROVIDER key, the VistA Outpatient Pharmacy application evaluates the IBB Clinical Indicator Data Capture (CIDC) Insurance Switch to determine if CIDC prompts appear. This allows sites to choose whether to collect CIDC data.

These new ICD-9 Diagnosis Code prompts only appear when the:

1. User entering the prescription holds the PROVIDER key.
2. IBB CIDC Insurance Switch is set to 'YES'. (Yes = Prompt user for ICD-9 Diagnosis Codes)

User response to the ICD-9 Diagnosis Code prompts is optional.

This option is also found on the *Pharmacy Technician's Menu*, but with limited actions. A pharmacy technician can only enter a new order, refill, copy, renew, reprint, release, order a partial, or pull early from suspense.

When an order is an ePharmacy order (determined to be third party billable), the billing data is sent to ECME when an order is finished. ECME sends a message back to Outpatient Pharmacy displaying the status of the claim. This message displays for new, edited, copied, and renewed ePharmacy orders.

```
Is this correct? YES// <Enter>
-Rx 100003869A has been discontinued...

Prescription 100003919 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
E PAYABLE
```

## CPRS Order Checks

The following CPRS order checks have been added to the existing list of order checks performed in the Outpatient Pharmacy application.

- Aminoglycoside Ordered
- Dangerous Meds for Patient >64
- Glucophage –Lab Results



**Note:** Please see the CPRS (OERR) documentation for details on each order check.

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.

See examples below:

### 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//
```

## Finishing a Pending Order – Dangerous Meds for Patient >64 for Amitriptyline

```
Pending OP Orders (ROUTINE)   Mar 25, 2008@15:29:09           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)

*(1) Orderable Item: AMITRIPTYLINE TAB
(2)      Drug: AMITRIPTYLINE 25MG TAB
(3)      *Dosage: 25 (MG)
          Verb: TAKE
          Dispense Units: 1
          Noun: TABLET
          *Route: ORAL
          *Schedule: QHS
(4) Pat Instruct:
  Provider Comments:
    Instructions: TAKE ONE TABLET PO QHS
    SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
(5) Patient Status: OPT NSC
(6)      Issue Date: MAR 25,2008          (7) Fill Date: MAR 25,2008
+      Enter ?? for more actions
BY Bypass                                DC Discontinue
ED Edit                                  FN Finish
Select Item(s): Next Screen// FN  Finish

***DANGEROUS MEDS FOR PATIENT >64***

Patient is 78. Amitriptyline can cause cognitive impairment and loss of balance in older
patients. Consider other antidepressant medications on formulary.

Rx # 2612                                03/25/08
PSOPATIENT,NINE                                #30
TAKE ONE TABLET BY MOUTH AT BEDTIME

AMITRIPTYLINE 25MG TAB
PSOPROVIDER,TEN                                PSOPHARMACIST,22
# of Refills: 3

Are you sure you want to Accept this Order? NO// YES
WAS THE PATIENT COUNSELED: NO//
.
```

## Renewing an Order – Dangerous Meds for Patient >64 for Chlorpropamide

```
Rx #: 2613$
(1) *Orderable Item: CHLORPROPAMIDE TAB
(2)      Drug: CHLORPROPAMIDE 250MG TAB
(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 250MG 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 250MG 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
(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  
 (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//  
 .

### Verifying an Order – Dangerous Meds for Patient >64 for Dipyridamole

OP Medications (NON-VERIFIED) Mar 25, 2008@15:39:03 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 #: 2615\$

(1) \*Orderable Item: DIPYRIDAMOLE TAB  
 (2) Drug: DIPYRIDAMOLE 25MG TAB  
 (3) \*Dosage: 25 (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: 03/25/08 (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// VF VF

RX: 2615 PATIENT: PSOPATIENT,NINE (000-00-0000)  
 STATUS: Non-Verified CO-PAY STATUS  
 DRUG: DIPYRIDAMOLE 25MG TAB  
 QTY: 30 30 DAY SUPPLY  
 SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME  
 LATEST: 03/25/2008 # OF REFILLS: 3 REMAINING: 3  
 ISSUED: 03/25/08 PROVIDER:  
 LOGGED: 03/25/08 CLINIC: BARB'S CLINIC  
 EXPIRES: 03/26/09 DIVISION: HINES (499)  
 CAP: SAFETY ROUTING: MAIL  
 ENTRY BY: PSOPROVIDER,TEN VERIFIED BY:

#### ACTIVITY LOG:

#	DATE	REASON	RX REF	INITIATOR OF ACTIVITY
1	03/25/08	PATIENT INST.ORIGINAL		

COMMENTS: Patient Instructions Not Sent By Provider.  
 PATIENT STATUS : OPT NSC COPIES : 1

Press RETURN to Continue:

\*\*\*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.

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

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

## 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 #10
PSOPATIENT,NINE
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
(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 Processing Enhanced Order Checks! Please wait...

\*\*\*Metformin Lab Results\*\*\*

Metformin - Creatinine results: <creatinine greater than 1.5 w/in past <x> days>

Prescription #2614 REINSTATED!

Prescription #2614 Filled: MAR 25, 2008Printed: MAR 25, 2008Released:

Either print the label using the reprint option  
or check later to see if the label has been printed.

.

*(This page included for two-sided copying.)*

## Entering a New Order

Actions display in the action area of the screen. Actions with parentheses ( ) around them are invalid actions for that order. A double question mark (??) displays all the actions available, including the Outpatient Pharmacy actions described in the section "Using List Manager." If an invalid hidden action is selected, a message will display in the message window.

### Example: Entering a New Order

```
Select Outpatient Pharmacy Manager Option: RX (Prescriptions)

      Orders to be completed for all divisions: 14

Do you want an Order Summary? No// <Enter>
```

A summary list of the number of pending orders can be displayed by Division or by each Clinic within the Division where the user is signed on. This is helpful when completing batch orders. In this example, an individual patient name is entered.

```
      Patient Prescription Processing
      Barcode Rx Menu ...
      Complete Orders from OERR
      Discontinue Prescription(s)
      Edit Prescriptions
      List One Patient's Archived Rx's
      Manual Print of Multi-Rx Forms
      Reprint an Outpatient Rx Label
      Signature Log Reprint
      View Prescriptions

Select Rx (Prescriptions) Option: PATient Prescription Processing
Select PATIENT NAME: OPPPATIENT16  OPPATIENT16,ONE      04-03-41      000246802
      YES      SC VETERAN
Patient is enrolled to receive ScripTalk 'talking' prescription labels.

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

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//
```

-----example continues-----

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.

A detailed explanation of the different parts of the screen can be found under in Chapter 2: List Manager. The Patient Information screen is displayed on two screens; however, only the second screen is shown in this example.

**Example: Entering a New Order (continued)**

Patient Information		May 22, 2006 10:44:38		Page: 2 of 2	
OPPATIENT16,ONE					
PID: 000-24-6802		Ht(cm): 177.80 (02/08/2004)			
DOB: APR 3,1941 (60)		Wt(kg): 90.45 (02/08/2004)			
SEX: MALE					
+					
Allergies:					
Remote: ASPIRIN, NON-OPIOID ANALGESICS					
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>					

-----example continues-----

Although the default option is “Quit” at the “Select Action” prompt, pressing the Enter key here quits the Patient Information screen and displays the Medication Profile. This Medication Profile includes any Non-VA Med orders documented via the CPRS GUI application.

Medication Profile		May 22, 2006 10:44:56		Page: 1 of 1	
OPPATIENT16,ONE					
PID: 000-24-6802		Ht(cm): 177.80 (02/08/2004)			
DOB: APR 3,1941 (60)		Wt(kg): 90.45 (02/08/2004)			
AGE: 60		Non-VA Meds on File			
		Last entry on 01/13/03			
#	RX #	DRUG	QTY ST	ISSUE DATE	LAST REF DAY
				FILL	REM SUP
-----ACTIVE-----					
1	503902	ACETAMINOPHEN 500MG TAB	60 A>	05-22	05-22 3 30
2	503886\$	DIGOXIN (LANOXIN) 0.2MG CAP	60 A>	05-07	05-07 5 30
-----PENDING-----					
3	AMPICILLIN 250MG CAP	QTY: 40	ISDT: 05-29	REF: 0	
-----NON-VA MEDS (Not dispensed by VA)-----					
GINKO EXT 1 TAB ONCE A DAY BY MOUTH			Date Documented: 01/13/03		
IBUPROFEN 50MG TAB			Date Documented: 12/10/02		
TERFENADINE TAB 200 MILIGRAMS					
MIX ½ CUP PDR & 6 OZ WATER & DRINK 1 MIXED CUP			Date Documented: 03/17/02		
Enter ?? for more actions					
PU	Patient Record Update	NO	New Order		
PI	Patient Information	SO	Select Order		
Select Action: Quit//					

-----example continues-----



If a double question mark (??) had been entered at the above “Select Action” prompt, the following hidden actions would display in the action area.

```

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

```

Typing in the letters **NO** creates a new order.

#### Example: Entering a New Order (continued)

```

Medication Profile          May 22, 2006 10:44:56          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: SC
RX PATIENT STATUS: SERVICE CONNECTED//  <Enter>
DRUG: ACETAMINOPHEN
  Lookup: GENERIC NAME
    1  ACETAMINOPHEN 1000MG TABLET          CN100
    2  ACETAMINOPHEN 160MG/5ML LIQUID        CN103
    3  ACETAMINOPHEN 325MG TABLET          CN103          INFECTIOUS DISEASE
  RESTRICTED TO
    4  ACETAMINOPHEN 650MG SUPPOS.          CN103
    5  ACETAMINOPHEN AND CODEINE 30MG        CN101
Press <RETURN> to see more, '^' to exit this list, '^ ^' to exit all lists, OR
CHOOSE 1-5: 1      1000MG TABLET          CN100

CHOOSE 1-5: 1  ACETAMINOPHEN 100MG/ML (SF) ORAL SUSP          CN103
Now doing allergy checks. Please wait...
Now Processing Enhanced Order Checks! Please wait...
Press Return to continue...:

*** THERAPEUTIC DUPLICATION *** ACETAMINOPHEN 100MG/ML (SF) ORAL SUSP with
Local Rx for ACETAMINOPHEN 500MG TAB
  RX: 500610
  Drug: ACETAMINOPHEN 500MG TAB
  SIG: TAKE TWO TABLETS BY MOUTH EVERY 6 HOURS AS NEEDED
  QTY: 240                      Refills remaining: 11
  Provider: PROGRAMMER, TWENTYEIGHT          Issued: 03/02/10
  Status: Active                      Last filled on: 03/02/10
  Processing Status: Not released locally (Window)
                                      Days Supply: 3
-----

```

```
Press Return to Continue:
Discontinue RX # 46309525? NO -Prescription was not discontinued...
```

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 example of local and remote order checking.

#### Example: Entering a New Order (continued)

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

-----
*** SAME CLASS *** OF DRUG IN REMOTE RX FOR ASPIRIN 325MG BUFFERED TAB
>> CHEYENNE VAMROC
CLASS: CN103
      Rx #: 712996
      Status: ACTIVE                               Issued: 09/21/05
Processing Status: Released locally on 09/21/05@11:34:13 (Window)
      SIG: TAKE ONE TABLET BY MOUTH EVERY DAY
      QTY: 30
      Provider: PROVIDER, TWO                      Refills remaining: 11
                                                    Last filled on: 09/21/05
                                                    Days Supply: 30

Press Return to continue...<Enter>
Now doing drug interaction and allergy checks. Please wait...
```



If a patient does not have an allergy assessment, the user will have to create an intervention. If the patient already has a prescription for which an Intervention was created, the user will have the option to copy the existing Intervention. For more information about copying an existing Intervention, refer to the *Complete Orders from OERR* section.



If the new order is for Clozapine, there are additional restrictions for filling a prescription. See “Chapter 8: Controlling the Dispensing of Clozapine” for more information.

```
A Drug-Allergy Reaction exists for this medication and/or class!
Drug: ACETAMINOPHEN 325MG TAB
Drug Class: CN103 NON-OPIOID ANALGESICS (REMOTE SITE(S))
Do you want to Intervene? Y// NO
```

If the drug or orderable item is edited, PROVIDER key users may be prompted for the appropriate ICD-9 Diagnosis Codes. User response is optional.

If prompted for ICD-9 Diagnosis Codes, the user can enter partial names and ICD-9 Diagnosis Code numbers or a valid Diagnosis Code number or name.

#### Example: Entering a New Order (continued)

```
Select Primary ICD-9 Code: neuropathy
  1  NEUROPATHY  337.1      AUT NEUROPTHY IN OTH DIS
  2  NEUROPATHY  356.2      HERED SENSORY NEUROPATHY
  3  NEUROPATHY  356.8      IDIO PERIPH NEURPTHY NEC
  4  NEUROPATHY  356.9      IDIO PERIPH NEURPTHY NOS
  5  NEUROPATHY  377.33     NUTRITION OPTC NEUROPTHY
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 3 356.8      IDIO PERIPH NEURPTHY NEC
Select Secondary ICD-9 Code: diabetes
  1  DIABETES    250.01     DIABETES MELLI W/0 COMP TYP I      COMPLICATION/CO
MORBIDITY
  2  DIABETES    250.11     DIABETES W KETOACIDOSIS TYPE I      COMPLICATION/CO
MORBIDITY
  3  DIABETES    250.21     DIABETES W HYPEROSMOLAR TYPE I      COMPLICATION/CO
MORBIDITY
  4  DIABETES    250.31     DIABETES W OTHER COMA TYPE I      COMPLICATION/CO
MORBIDITY
Press <RETURN> to see more, '^' to exit this list,
OR CHOOSE 1-4: 1 250.01     DIABETES MELLI W/0 COMP TYP I      COMPLICATION/COMORBIDITY
Select Secondary ICD-9 Code: <Enter>
VERB: <Enter> TAKE
```

The list of available possible dosages display after order checks is linked to the drug ordered. The user can choose from the list or use free text to enter the dosage. Confirmation of the selected (or entered) dosage is required to confirm that it is correct.

```
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. For example, the 500 mg dosage ordered requires two 250 mg capsules. The Dosage Ordered is re-displayed after the Dispense Units to allow the entry to be verified.

```
DISPENSE UNITS PER DOSE(CAPSULES): 2// <Enter> 2
Dosage Ordered: 500MG
```

-----example continues-----

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.

**Example: Entering a New Order (continued)**

```
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// <Enter> (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.



Do not use the LIMITED DURATION field for Days Supply.

```
LIMITED DURATION (IN DAYS, HOURS OR MINUTES): 10 (DAYS)
```

The CONJUNCTION field is used to join dosing sequences in complex orders. Entries are limited to AND, THEN, or EXCEPT. For concurrent doses, use AND; for example, “Take 1 tablet every morning AND take 2 tablets at bedtime.” For consecutive doses, use “THEN”; for example, “Take 2 tablets daily for one week THEN take 1 tablet for five days.” For any dosing sequence that is not routine, use “EXCEPT”; for example, “Take 1 tablet every day EXCEPT take no tablets Wednesday.” See Appendix B for additional 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
```

-----example continues-----

Two optional fields, OTHER LANGUAGE PREFERENCE and PMI LANGUAGE PREFERENCE in the PHARMACY PATIENT file, store 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 *Update Patient Record* option 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 Appendix B for more information on this calculation.

#### Example: Entering a New Order (continued)

```
DAYS SUPPLY: (1-90): 30// 10
QTY ( CAP ) : 80// <Enter> 80
```

Pharmacy Data Management (PDM) V. 1.0 patch PSS\*1.0\*61 added the NON REFILLABLE ("F") code to values for the DEA SPECIAL HDLG field of the DRUG file (#50). No refills will be allowed for any Outpatient Pharmacy prescription for a drug that contains an "F" in that field.

```
COPIES: 1// <Enter> 1
# OF REFILLS: (0-11): 11// 0
PROVIDER:      OP PROVIDER4,TWO
CLINIC:        OUTPT NURSE GREEN TEAM
MAIL/WINDOW: WINDOW// <Enter> WINDOW
METHOD OF PICK-UP: <Enter>
REMARKS: <Enter>
ISSUE DATE: TODAY// <Enter> (MAY 30, 2006)
FILL DATE: (5/30/2006 - 6/9/2006): TODAY// <Enter> (MAY 30, 2006)
Nature of Order: WRITTEN// ??
```

Nature of Order Activity	Require E. Signature	Print Chart Copy	Print on 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
```

-----example continues-----

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.

**Example: Entering a New Order (continued)**

```
Do you want to enter a Progress Note? No// <Enter>

Rx # 503906                05/30/01
OPPATIENT25,ONE           #80
TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS WITH FOOD

AMPICILLIN 250MG CAP
OPPROVIDER1,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 displayed one at a time. The user is asked if the order is being prescribed for the first service-connected condition displayed. If yes is entered at this point, the fill is set for No Copay and no other exemption questions are asked. Otherwise, the next eligible exemption is displayed and the question repeated. In the following example, the patient has reported exposure to herbicides during Vietnam-era service.

```
Was treatment related to Agent Orange exposure? NO
Is this correct? YES// <Enter>
Another New Order for OPPATIENT25,ONE? YES//
```

### **Entering a new order with Local or Free-Text Dosage**

The software checks the medication selected for any interactions or allergies noted in the patient's record, which includes any Non-VA Meds. The next prompts shown will be the new fields used to build a Sig. 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.

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.

#### **Example: Entering a New Order with Local or Free-Text Dosage**

```
DRUG:      TYLENOL #3  ACETAMINOPHEN AND CODEINE 30MG          CN101
          ...OK? Yes//    (Yes)
Now doing order checks.  Please wait...
Available Dosage(s)
    1. 1 TABLET
    2. 2 TABLET(S)
    3. 3 TABLET(S)

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 2 2 TABLET(S)
You entered 2 TABLET(S) is this correct? Yes// <Enter> YES
OTHER LANGUAGE DOSAGE: DOS TABLET(S)
```

-----example continues-----



The OTHER LANGUAGE DOSAGE field is only prompted for if a local or free- text dosage is entered and the patient has been identified as having another language preference.

For local or free-text dosages, the Dispense Units Per Dose and Dosage Ordered are not prompted for.



The optional field, OTHER LANGUAGE PREFERENCE in the PHARMACY PATIENT file, stores if a patient has another language preference. This field is accessed through the *Update Patient Record* option and the protocol Patient Record Update. If the other language preference is indicated for a patient, the user will be prompted to enter OTHER LANGUAGE DOSAGE.

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 MEDICATION ROUTES file, the entry will be expanded in the Sig based on the OUTPATIENT EXPANSION field.

**Example: Entering a New Order with Local or Free-Text Dosage (continued)**

```
ROUTE: PO// <Enter> ORAL PO MOUTH
```

or

```
ROUTE: PO// @ <Enter to delete>
```

A default schedule associated with the Orderable Item of the drug ordered is displayed at the “Schedule:” prompt. 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, first in the ADMINISTRATION SCHEDULE file and then in the MEDICATION INSTRUCTION file, 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// <Enter> (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. The user should follow the number with a “H” to specify hours or a “M” to specify minutes.

NOTE: Do not use this field for Days Supply.

```
LIMITED DURATION (IN DAYS, HOURS OR MINUTES): 90 (DAYS)
```

The CONJUNCTION 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 Appendix B 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 2 TABLETS BY MOUTH FOUR TIMES A DAY FOR 90 DAYS WITH FOOD)
OTHER PATIENT INSTRUCTIONS: WF CON ALIMENTO
```

-----example continues-----





Patch PSS\*1\*47 adds two optional fields, OTHER LANGUAGE PREFERENCE and PMI LANGUAGE PREFERENCE in the PHARMACY PATIENT file that stores if a patient has another language preference and what language their PMI sheets should print at the CMOP. These fields are accessed through the *Update Patient Record* option and the protocol 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 NOT calculated for local and free-text dosages. See Appendix B for more information on QUANTITY calculations.

#### Example: Entering a New Order with Local or Free-Text Dosage (continued)

```
DAYS SUPPLY: (1-90): 30// 90
QTY ( CAP ): 720
```

The remaining prompts have not changed.

```
COPIES: 1// <Enter> 1
# OF REFILLS: (0-1): 1// 1
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, 2006)
FILL DATE: (5/30/2006 - 6/9/2006): TODAY// <Enter> (MAY 30, 2006)
Nature of Order: WRITTEN// <Enter> W
WAS THE PATIENT COUNSELED: NO// Y YES
WAS COUNSELING UNDERSTOOD: NO// Y YES
```

-----example continues-----

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.

### Example: Entering a New Order with Local or Free-Text Dosage (continued)

Do you want to enter a Progress Note? No// <Enter>

Rx # 503908                      05/30/01  
OPPATIENT25,ONE                      #80  
TAKE 2 TABLETS BY MOUTH FOUR TIMES A DAY FOR 90 DAYS WITH FOOD

ACETAMINOPHEN AND CODEINE 30MG  
OPPROVIDER1,TWO                      OPPHARMACIST4,THREE  
# of Refills: 1

SC Percent: 40%  
Disabilities: NONE STATED

Was treatment for Service Connected condition? **NO**

Is this correct? YES//

Another New Order for OPPATIENT25,ONE? YES//

### View of Rx

OP Medications (ACTIVE)	May 30, 2006 16:48:05	Page: 1 of 3
OPPATIENT29,ONE		
PID: 000-87-6543	Ht(cm): 175.26 (06/07/2000)	<A>
DOB: SEP 12,1919 (81)	Wt(kg): 79.09 (06/07/2000) f	
Rx #: 503908		
(1) *Orderable Item:	ACETAMINOPHEN TAB	
(2) Drug:	ACETAMINOPHEN AND CODEINE 30MG	
Verb:	TAKE	
(3) *Dosage:	2 TABLET(S)	
Oth. Lang. Dosage:	TRE TABLETA(S)	
*Route:	ORAL	
*Schedule:	QID	
*Duration:	10D (DAYS)	
(4) Pat Instructions:	WITH FOOD	
Other Pat. Instruc:	CON ALIMENTO	
SIG:	TAKE 2 TABLET(S) BY MOUTH FOUR TIMES A DAY FOR 90 DAYS	
	WITH FOOD	
(5) Patient Status:	SERVICE CONNECTED	

### **Entering a new order --ePharmacy (third party billable)**

For patients who have active third party insurance and have the appropriate eligibility requirements, the software will submit electronic claims to their insurance companies when prescriptions for billable drugs are ordered.

After a WINDOW order is entered and finished, the billing data is sent to the Electronic Claims Management Engine (ECME). ECME sends a message back to Outpatient Pharmacy displaying the status of the claim. For MAIL orders, the communication between Outpatient Pharmacy and ECME occurs 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-9 diagnosis codes: <Enter>

Select Primary ICD-9 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
```

-----example continues-----

### Example: Entering a New Order for ePharmacy Billing (continued)

```
(TAKE ONE TABLET BY BY MOUTH THREE TIMES A DAY FOR 10 DAYS WITH FOOD)

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 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
```

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
IN PROGRESS-Waiting to process response
E PAYABLE
```

Another New Order for OPPATIENT,FOUR? YES// NO

-----example continues-----

## View of RX:

Medication Profile			Nov 02, 2005@07:33:29		Page: 1 of 1	
OPPATIENT, FOUR PID: 000-01-1322P DOB: JAN 13, 1922 (83) SEX: MALE						
			Ht (cm): _____ (_____)		Wt (kg): _____ (_____)	
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY FILL REM SUP
-----ACTIVE-----						
1	100003840e	PREDNISONE 5MG TAB	30	A>	11-02	11-02 5 30
<div style="border: 1px solid black; padding: 5px; display: inline-block;">             Denotes ePharmacy Rx           </div>						
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) or Refill Too Soon, the prescription will be marked as “REJECTED”, and the user will have the opportunity to resolve the reject before continuing.

The following example shows a sample ECME transmission rejection, and how to resolve the rejection.

### Example: Handling a Rejected New Order for ePharmacy Billing

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

#### \*\*\* REJECT RECEIVED FROM THIRD PARTY PAYER \*\*\*

```

-----
Division : ALBANY                                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   : TEST INS                           Contact: 800 555-5555
Group Name  : RXINS                               Group Number: 12454
Cardholder ID: 000011322P
-----
  
```

-----example continues-----

### Example: Handling a Rejected New Order for ePharmacy Billing (continued)

```
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// ☐ 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.

```
Reason for Service Code : ER - OVERUSE PRECAUTION
Professional Service Code: RT      RECOMMENDED LABORATORY TEST
Result of Service Code   : 1G      FILLED, WITH PRESCRIBER APPROVAL

Reason for Service Code : ER - OVERUSE PRECAUTION
Professional Service Code: RT - RECOMMENDED LABORATORY TEST
Result of Service Code   : 1G - FILLED, WITH PRESCRIBER APPROVAL

Confirm? ? YES// <Enter>

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.

### **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//

```

## Editing an Order

An asterisk or star (\*) is shown in front of each field that will create a new order if it is changed. The Sig field cannot be edited directly, but it will change if the fields that are used to build it are edited.

When editing fields preceded by an asterisk (\*) in an ePharmacy order (or electronically third party billable prescription), upon acceptance of the edited 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. For more information, see the example Editing an ePharmacy Order.

Do not use the up-arrow (^) after editing one field to jump past the rest of the fields. Using just the up-arrow results in the changes just entered being deleted. The user must press **<Enter>** through *all* the order fields when editing to save the changes.

### Example: Editing an Order

```
OP Medications (ACTIVE)      May 30, 2006 16:48:05      Page:      1 of      3
OPPATIENT29,ONE
  PID: 000-87-6543                      Ht(cm): 175.26 (06/07/2000)
  DOB: SEP 12,1919 (81)                 Wt(kg): 79.09 (06/07/2000) f
  Rx #: 503908
(1) *Orderable Item: AMPICILLIN CAP,ORAL *** (N/F) ***
(2)      Drug: AMPICILLIN 250MG CAP *** (N/F) ***
(3)      *Dosage: 500 (MG)
          Verb: TAKE
          Dispense Units: 2
          Noun: CAPSULES
          *Route: ORAL
          *Schedule: QID
          *Duration: 10D (DAYS)
(4) Pat Instructions: with food
          SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS
          WITH FOOD
(5) Patient Status: SERVICE CONNECTED
+      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): 4
PATIENT INSTRUCTIONS: WITH FOOD// WITH FOOD AVOIDING DAIRY FOODS
```

-----example continues-----



Changes to fields that are not starred (\*), like Patient Instructions, will not create a new order. Note that the new Patient Instruction text appears at the end of the Sig.

#### Example: Editing an Order (continued)

OP Medications (ACTIVE)	May 30, 2006 16:54:25	Page: 1 of 3
-------------------------	-----------------------	--------------

OPPATIENT29,ONE <A>  
 PID: 000-87-6543                      Ht(cm): 175.26 (06/07/2000)  
 DOB: SEP 12,1919 (81)                Wt(kg): 79.09 (06/07/2000)

---

Rx #: 503908  
 (1) \*Orderable Item: AMPICILLIN CAP,ORAL \*\*\* (N/F) \*\*\*  
 (2)                      Drug: AMPICILLIN 250MG CAP \*\*\* (N/F) \*\*\*  
 (3)                      \*Dosage: 500 (MG)  
                             Verb: TAKE  
                             Dispense Units: 2  
                             Noun: CAPSULES  
                             \*Route: ORAL  
                             \*Schedule: QID  
                             \*Duration: 10D (DAYS)  
 (4) Pat Instructions: WITH FOOD AVOIDING DAIRY FOODS  
                             SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS  
                             WITH FOOD AVOIDING DAIRY FOODS  
 (5) Patient Status: SERVICE CONNECTED  
 +                      Enter ?? for more actions

DC	Discontinue	PR	Partial	RL	Release
ED	Edit	RF	(Refill)	RN	Renew

Select Action: Next Screen//

If a new order is created due to the editing of a field that affects copay, like Duration, the values previously entered display as defaults.

If editing the PATIENT STATUS field of a prescription results in a change to the copay status of that prescription, the copay status of the prescription is automatically updated and an entry made in the prescription Copay activity log.

+                      Enter ?? for more actions  
 DC   Discontinue                      PR   Partial                      RL   Release  
 ED   Edit                                RF   Refill                      RN   Renew  
 Select Action: Next Screen// **E**   Edit

---

Select fields by number: (1-18): **5**  
 PATIENT STATUS: OPT NSC// **AUT**  
     1   AUTH ABS +96  
     2   AUTH ABS -96  
 CHOOSE 1-2: **2** AUTH ABS -96  
 11 refills are greater than 0 allowed for AUTH ABS -96 Rx Patient Status.

The last fill has been released, do you want a reprint label? Y// **NO**

Patient Status field for this Rx has been changed from a COPAYMENT ELIGIBLE patient status to a COPAYMENT EXEMPT patient status. **The copay status of this Rx will be automatically adjusted. If action needs to be taken to adjust charges you MUST use the Reset Copay Status/Cancel Charges option.**

-----example continues-----

If a starred field, like Dosage, is changed a new order will be created that will include a remark noting the original prescription number. Note that when the dosage is changed the dispense units per dose and quantity are recalculated.

#### Example: Editing an Order (continued)

```
Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 500// 750MG 750MG

You entered 750MG is this correct? Yes// <Enter> YES
VERB: TAKE// <Enter> TAKE
DISPENSE UNITS PER DOSE (CAPSULE(S)): 3// <Enter> 3
Dosage Ordered: 750MG
NOUN: CAPSULE(S)// <Enter> CAPSULE(S)
ROUTE: ORAL// <Enter> ORAL
Schedule: QID// <Enter> (FOUR TIMES A DAY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES): 10D// <Enter> 10D (DAYS)
CONJUNCTION: <Enter>
```

```
New OP Order (ROUTINE)          May 30, 2006 17:11:44          Page:    1 of    2
OPPATIENT29,ONE                                     <A>
  PID: 000-87-6543                                     Ht(cm): 175.26 (06/07/2000)
  DOB: SEP 12,1919 (81)                               Wt(kg): 79.09 (06/07/2000)

  Orderable Item: AMPICILLIN CAP,ORAL *** (N/F) ***
  (1) Drug: AMPICILLIN 250MG CAP *** (N/F) ***
  (2) Patient Status: SERVICE CONNECTED
  (3) Issue Date: MAY 30,2006                      (4) Fill Date: MAY 30,2006
  (5) Dosage Ordered: 750 (MG)
      Verb: TAKE
      Dispense Units: 3
      Noun: CAPSULE(S)
      Route: ORAL
      Schedule: QID
      *Duration: 10D (DAYS)
  (6) Pat Instruction: WITH FOOD AVOIDING DAIRY FOODS
      SIG: TAKE THREE CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10
          DAYS WITH FOOD AVOIDING DAIRY FOODS
+      This change will create a new prescription!
AC  Accept                                     ED  Edit
Select Action: Next Screen//
```

```
New OP Order (ROUTINE)          May 30, 2006 17:15:09          Page:    2 of    2
OPPATIENT29,ONE                                     <A>
  PID: 000-87-6543                                     Ht(cm): 175.26 (06/07/2000)
  DOB: SEP 12,1919 (81)                               Wt(kg): 79.09 (06/07/2000)
+
  (7) Days Supply: 10                                (8) QTY (CAP): 120
  (9) # of Refills: 0                                (10) Routing: WINDOW
  (11) Clinic: OUTPT NURSE GREEN TEAM
  (12) Provider: OPPROVIDER4,TWO                     (13) Copies: 1
  (14) Remarks: New Order Created by editing Rx # 503908.
      Entry By: OPPROVIDER4,TWO                      Entry Date: MAY 30,2006 17:11:44

      This change will create a new prescription!
AC  Accept                                     ED  Edit
Select Action: Edit// AC
```

-----example continues-----



If the DAYS SUPPLY field is edited, the QTY field is recalculated. If the QTY field is edited, the DAYS SUPPLY field value does not change, but a message is displayed warning the user of the change and recommending that the value be checked.

#### Example: Editing an Order (continued)

New OP Order (ROUTINE)		May 31, 2006 12:57:06	Page: 2 of 2
OPPATIENT29,ONE		<A>	
PID: 000-87-6543		Ht(cm): 175.26 (06/07/2000)	
DOB: SEP 12,1919 (81)		Wt(kg): 79.09 (06/07/2000)	
+			
(7)	Days Supply: 30	(8)	QTY (CAP): 120
(9)	# of Refills: 0	(10)	Routing: WINDOW
(11)	Clinic: OUTPT NURSE GREEN TEAM		
(12)	Provider: OPPROVIDER4,TWO	(13)	Copies: 1
(14)	Remarks: New Order Created by editing Rx # 503910.		
Entry By: OPPROVIDER4,TWO		Entry Date: MAY 31,2006 12:57:06	
Enter ?? for more actions			
AC	Accept	ED	Edit
Select Action: Edit// <Enter> Edit			
Select Field to Edit by number: (1-14): 7			
DAYS SUPPLY: (1-90): 10// 7			

Once changes are entered the screen redisplay with the changes and the order can be accepted or edited again. If the order is accepted, the prescription is checked for drug/drug interactions and, if none exist, prompts follow for nature of order and whether the patient was counseled.

Now doing drug interaction and allergy checks. Please wait...

Nature of Order: WRITTEN// ??

Nature of Order Activity	Require E.Signature	Print Chart Copy	Print on Summary
WRITTEN			x
VERBAL	x	x	x
TELEPHONED	x	x	x
SERVICE CORRECTION			
POLICY		x	x
DUPLICATE			
REJECTED			
SERVICE REJECT	x	x	

Nature of Order: WRITTEN// <Enter> WRITTEN

WAS THE PATIENT COUNSELED: NO// Y YES

WAS COUNSELING UNDERSTOOD: NO// Y YES

If the drug or orderable item is edited, PROVIDER key users may be prompted for the appropriate ICD-9 Diagnosis Codes. User response is optional.

If prompted for ICD-9 Diagnosis Codes, the user can enter partial names and ICD-9 Diagnosis Code numbers or a valid Diagnosis Code number or name.

```
Patient Information          Mar 23, 2004@10:14:45          Page:    1 of    2
OPPATIENT29,ONE                                <A>
  PID: 000-87-6543                                Ht(cm): 175.26 (06/07/2000)
  DOB: SEP 12,1919 (81)                          Wt(kg): 79.09 (06/07/2000)
Eligibility: SC LESS THAN 50%      SC%: 10
RX PATIENT STATUS: SC LESS THAN 50%

Disabilities: BACK STRAIN-10% (SC), UPPER ARM CONDITION-0% (SC),
              CONDITION OF THE SKELETAL SYSTEM-0% (SC),

123 ANY STREET                                HOME PHONE:
BIRMINGHAM                                CELL PHONE:
ALABAMA                                WORK PHONE:
Prescription Mail Delivery: Regular Mail
Allergies
  Verified: THEOPHYLLINE,
+      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// <Enter>
Select Primary ICD-9 Code: neuropathy
   1  NEUROPATHY  337.1      AUT NEUROPTHY IN OTH DIS
   2  NEUROPATHY  356.2      HERED SENSORY NEUROPATHY
   3  NEUROPATHY  356.8      IDIO PERIPH NEURPTHY NEC
   4  NEUROPATHY  356.9      IDIO PERIPH NEURPTHY NOS
   5  NEUROPATHY  377.33     NUTRITION OPTC NEUROPTHY
Press <RETURN> to see more, '^' to exit this list, OR CHOOSE 1-5: 3 356.8      IDIO
PERIPH NEURPTHY NEC
Select Secondary ICD-9 Code: diabetes
   1  DIABETES  250.01      DIABETES MELLI W/0 COMP TYP I      COMPLICATION/CO
MORBIDITY
   2  DIABETES  250.11      DIABETES W KETOACIDOSIS TYPE I      COMPLICATION/CO
MORBIDITY
   3  DIABETES  250.21      DIABETES W HYPEROSMOLAR TYPE I      COMPLICATION/CO
MORBIDITY
   4  DIABETES  250.31      DIABETES W OTHER COMA TYPE I      COMPLICATION/CO
MORBIDITY
   5  DIABETES  250.41      DIABETES W RENAL MANIFES TYP I      COMPLICATION/CO
MORBIDITY
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1 250.01      DIABETES MELLI W/0 COMP TYP I      COMPLICATION/COMORBIDITY
Select Secondary ICD-9 Code:
```

## Editing an ePharmacy Order

When editing fields preceded by an asterisk (\*) in an ePharmacy order (or electronically third party billable prescription), upon acceptance of the edited 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.

If the original claim was E Payable, and edits are made to any of these fields – Provider, Qty, Days Supply, Division, Fill Date, NDC, or DAW Code – then the original payable claim is reversed and a new claim is submitted to ECME. If the original claim was rejected, then a reversal is not necessary, and a new claim is submitted to ECME.

Medication Profile			Nov 03, 2005@12:33:29		Page: 1 of 1	
OPPATIENT, FOUR						
PID: 000-01-1322P			Ht (cm) : _____ ( _____ )			
DOB: JAN 13, 1922 (83)			Wt (kg) : _____ ( _____ )			
SEX: MALE						
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY
-----ACTIVE-----						
1	100003840e	PREDNISONE 5MG TAB	30	A>	11-02	11-02 5 30
Enter ?? for more actions						
PU	Patient Record Update		NO	New Order		
PI	Patient Information		SO	Select Order		
Select Action: Quit// 1						

Press **<Enter>** twice to scroll to page 3 of the Medication Profile. Notice that a new field displays on the profile: DAW Code. DAW stands for “Dispense as Written” and refers to a set of ten NCPDP codes (0-9) that tells third party payers why a brand or generic product was selected to fill a prescription. When a new prescription is entered for a specific drug, the DAW code from the drug is stored in the PRESCRIPTION file (#52) for each fill. This field is solely being used for electronic billing purposes. It communicates to the third party payer that a drug has a special characteristic, which may prevent the payer from rejecting the claim. The available codes include:

<u>Code</u>	<u>Description</u>
0	NO PRODUCT SELECTION INDICATED
1	SUBSTITUTION NOT ALLOWED BY PRESCRIBER
2	SUBSTITUTION ALLOWED-PATIENT REQUESTED PRODUCT DISPENSED
3	SUBSTITUTION ALLOWED-PHARMACIST SELECTED PRODUCT DISPENSED
4	SUBSTITUTION ALLOWED-GENERIC DRUG NOT IN STOCK
5	SUBSTITUTION ALLOWED-BRAND DRUG DISPENSED AS A GENERIC
6	OVERRIDE
7	SUBSTITUTION NOT ALLOWED-BRAND DRUG MANDATED BY LAW
8	SUBSTITUTION ALLOWED-GENERIC DRUG NOT AVAILABLE IN MARKETPLACE
9	OTHER

The DAW Code default is 0 – No Product Selection Indicated, unless the DAW Code has been set for this drug at the DRUG file level.

Enter **21** to edit the field.

**Example: Editing an ePharmacy Order (continued)**

OP Medications (ACTIVE)		Nov 03, 2005@12:51:52		Page: 3 of 3	
OPPATIENT, FOUR					
PID: 000-01-1322P		Ht (cm): _____ (____)			
DOB: JAN 13, 1922 (83)		Wt (kg): _____ (____)			
(19) Counseling: YES		Was Counseling Understood: YES			
(20) Refill Data					
(21) DAW Code: 0 - NO PRODUCT SELECTION INDICATED					
Entry By: OPPHARMACIST4, THREE		Entry Date: 11/03/05 12:50:51			
+ Enter ?? for more actions					
DC	Discontinue	PR	Partial	RL	Release
ED	Edit	RF	Refill	RN	Renew
Select Action: Next Screen// <b>21</b>					

DAW CODE: 0// ??

Answer with BPS NCPDP DAW CODE

Choose from:

- 0 NO PRODUCT SELECTION INDICATED
- 1 SUBSTITUTION NOT ALLOWED BY PRESCRIBER
- 2 SUBSTITUTION ALLOWED-PATIENT REQUESTED PRODUCT DISPENSED
- 3 SUBSTITUTION ALLOWED-PHARMACIST SELECTED PRODUCT DISPENSED
- 4 SUBSTITUTION ALLOWED-GENERIC DRUG NOT IN STOCK
- 5 SUBSTITUTION ALLOWED-BRAND DRUG DISPENSED AS A GENERIC
- 6 OVERRIDE
- 7 SUBSTITUTION NOT ALLOWED-BRAND DRUG MANDATED BY LAW
- 8 SUBSTITUTION ALLOWED-GENERIC DRUG NOT AVAILABLE IN MARKETPLACE
- 9 OTHER

Dispensed As Written code. This information is used for electronic claim transmission to third party payers (insurance companies).

DAW CODE: 0// **5** - SUBSTITUTION ALLOWED-BRAND DRUG DISPENSED AS A GENERIC

Are You Sure You Want to Update Rx 100003853? Yes// **<Enter>**

The field is updated and displayed in the Medication Profile.

OP Medications (ACTIVE)	Nov 03, 2005@12:51:52	Page:	1 of 3
OPPATIENT, FOUR		<A>	
PID: 000-01-1322P	Ht (cm): _____ (_____)		
DOB: JAN 13,1922 (83)	Wt (kg): _____ (_____)		
(19) Counseling: YES Was Counseling Understood: YES			
(20) Refill Data			
(21) DAW Code: 0 - NO PRODUCT SELECTION INDICATED			
Entry By: OPPHARMACIST4,THREE		Entry Date: 11/03/05 12:50:51	
+ Enter ?? for more actions			
DC Discontinue	PR Partial	RL Release	
ED Edit	RF Refill	RN Renew	
Select Action: Quit/			

New OP Order (ROUTINE)	Nov 04, 2005@08:36:29	Page:	2 of 2
OPPATIENT, FOUR		<A>	
PID: 000-01-1322P	Ht (cm): _____ (_____)		
DOB: JAN 13,1922 (83)	Wt (kg): _____ (_____)		
+			
(7) Days Supply: 30	(8) QTY (TAB): 30		
(9) # of Refills: 5	(10) Routing: WINDOW		
(11) Clinic:	(13) Copies: 1		
(12) Provider: OPPROVIDER4,TWO	(14) Remarks: New Order Created by editing Rx # 100003840.		
Entry By: OPPHARMACIST4,THREE		Entry Date: NOV 4,2005 08:36:06	
This change will create a new prescription!			
AC Accept	ED Edit		
Select Action: Edit// <b>AC</b> Accept			
Nature of Order: SERVICE CORRECTION//		<Enter> S	
WAS THE PATIENT COUNSELED: NO// <b>YES</b>			
WAS COUNSELING UNDERSTOOD: NO// <b>YES</b>			
Do you want to enter a Progress Note? No//		<Enter> NO	

-----example continues-----

```

Rx # 100003852          11/04/05
OPPATIENT,FOUR          #30
TAKE ONE TABLET BY 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// <Enter> YES...
Claim has status E REJECTED. Not reversed.

Prescription 100003852 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
E PAYABLE

```

## DAW/NDC Edit

The Dispensed As Written(DAW)/National Drug Code (NDC) field for discontinued and expired orders can be edited.

For ePharmacy prescriptions, the DAW/NDC field for discontinued and expired orders can be edited. The following statuses are editable.

- 11 – EXPIRED
- 12 – DISCONTINUED
- 14 - DISCONTINUED BY PROVIDER
- 15 - DISCONTINUED (EDIT).

Status's 14 and 15 above result from the prescription being discontinued from CPRS. For status 14 - DISCONTINUED BY PROVIDER, the user can choose to discontinue the prescription in CPRS by selecting “Requesting Physician Cancelled” for the reason.

The following is an example of the activity log entry stored on the prescription for this type of discontinue:

```

1  06/20/08  DISCONTINUED  ORIGINAL  OPPHARM,ONE
Comments: Discontinued by OE/RR.

```

For status 15 - DISCONTINUED (EDIT), the user can edit a prescription in CPRS which discontinues the prescription being edited resulting in status 15 in the Outpatient Pharmacy package. The following is an example of the activity log entry on the prescription in OP:

```

2  06/05/08  DISCONTINUED  ORIGINAL  OPHARM,ONE
Comments: Discontinued due to CPRS edit

```



## Using the Copy Action

If a double question mark (??) had been entered at the “Select Action:”prompt, the following hidden actions would display in the action area.

```
The following actions are also available:
AL  Activity Logs (OP)    OTH  Other OP Actions      FS  First Screen
VF  Verify (OP)          REJ  View REJECT              GO  Go to Page
CO  Copy (OP)            DIN  Drug Restr/Guide (OP) LS  Last Screen
RP  Reprint (OP)         +    Next Screen              PS  Print Screen
HD  Hold (OP)            -    Previous Screen          PT  Print List
UH  Unhold (OP)          <    Shift View to Left      QU  Quit
PI  Patient Information  >    Shift View to Right      RD  Re Display Screen
PP  Pull Rx (OP)        ADPL Auto Display(On/Off) SL  Search List
IP  Inpat. Profile (OP)  DN   Down a Line              UP  Up a Line
```

Copy is a hidden action used to copy an order and edit any field.

### Example: Copying an Order

```
Medication Profile          Jun 04, 2006 15:49:09          Page:    1 of    1
OPPATIENT6, ONE
  PID: 000-13-5790          Ht(cm): 175.26 (08/10/2004)
  DOB: FEB 8,1922 (79)      Wt(kg): 75.45 (08/10/2004)
  <A>
-----
#  RX #          DRUG          QTY ST  ISSUE  LAST REF DAY
                                DATE  FILL REM SUP
-----
1  503911$      AMPICILLIN 250MG CAP      80 A  05-25 06-01    0 10
2  503901      LISINOPRIL 10MG TAB      150 A> 05-17 05-17    2 30
-----
Enter ?? for more actions
PU  Patient Record Update          NO  New Order
PI  Patient Information            SO  Select Order
Select Action: Quit// so  Select Order  [Or enter the order number here, e.g. 1]
Select Orders by number:  (1-2): 1
-----example continues-----
```

Remember that actions in parentheses, like Refill in this example, are not available for the order.

### Example: Copying an Order (continued)

OP Medications (ACTIVE)	Jun 04, 2006 15:50:49	Page: 1 of 3
OPPATIENT6, ONE <span style="float: right;">&lt;A&gt;</span>		
PID: 000-13-5790	Ht (cm): 175.26 (08/10/2004)	
DOB: FEB 8,1922 (79)	Wt (kg): 75.45 (08/10/2004)	
Rx #: 503911\$		
(1) *Orderable Item: AMPICILLIN CAP, ORAL *** (N/F) ***		
(2) Drug: AMPICILLIN 250MG CAP *** (N/F) ***		
(3) *Dosage: 500 (MG)		
Verb: TAKE		
Dispense Units: 2		
Noun: CAPSULES		
*Route: ORAL		
*Schedule: QID		
(4) Pat Instructions: Prov Comments		
Provider Comments: Prov Comments		
SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY PROV COMMENTS		
(5) Patient Status: OUTPT NON-SC		
(6) Issue Date: 05/25/01 (7) Fill Date: 06/01/01		
+ 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)	Jun 04, 2006 15:51:32	Page: 1 of 2
OPPATIENT6, ONE <span style="float: right;">&lt;A&gt;</span>		
PID: 000-13-5790	Ht (cm): 175.26 (08/10/2004)	
DOB: FEB 8,1922 (79)	Wt (kg): 75.45 (08/10/2004)	
Orderable Item: AMPICILLIN CAP, ORAL *** (N/F) ***		
(1) Drug: AMPICILLIN 250MG CAP *** (N/F) ***		
(2) Patient Status: OUTPT NON-SC		
(3) Issue Date: JUN 4,2006 (4) Fill Date: JUN 4,2006		
(5) Dosage Ordered: 500 (MG)		
Verb: TAKE		
Dispense Units: 2		
Noun: CAPSULES		
Route: ORAL		
Schedule: QID		
(6) Pat Instruction: Prov Comments		
SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY PROV COMMENTS		
(7) Days Supply: 10 (8) QTY (CAP): 80		
+ Enter ?? for more actions		
AC Accept	ED Edit	
Select Action: Next Screen// AC Accept		

-----example continues-----

Once the copied order is accepted, the previous order information displays and the user is asked whether to discontinue the original order.

If the orderable item or drug is edited, PROVIDER key users may be prompted for the appropriate ICD-9 Diagnosis Codes. User response is optional.

If prompted for ICD-9 Diagnosis Codes, the user can enter partial names and ICD-9 Diagnosis Code numbers or a valid Diagnosis Code number or name.

```

Patient Information      Mar 23, 2004@10:14:45      Page: 1 of 2
OPPATIENT6,ONE        <A>
  PID: 000-13-5790      Ht (cm): 175.26 (08/10/2004)
  DOB: FEB 8,1922 (79)  Wt (kg): 75.45 (08/10/2004)

Eligibility: SC LESS THAN 50%      SC%: 10
RX PATIENT STATUS: SC LESS THAN 50%

Disabilities: BACK STRAIN-10% (SC), UPPER ARM CONDITION-0% (SC),
              CONDITION OF THE SKELETAL SYSTEM-0% (SC),
123 ANY STREET      HOME PHONE:
BIRMINGHAM          CELL PHONE:
ALABAMA             WORK PHONE:
Prescription Mail Delivery: Regular Mail
Allergies
  Verified: THEOPHYLLINE,
+      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// <Enter>
Select Primary ICD-9 Code: neuropathy
  1  NEUROPATHY  337.1      AUT NEUROPTHY IN OTH DIS
  2  NEUROPATHY  356.2      HERED SENSORY NEUROPATHY
  3  NEUROPATHY  356.8      IDIO PERIPH NEURPTHY NEC
  4  NEUROPATHY  356.9      IDIO PERIPH NEURPTHY NOS
  5  NEUROPATHY  377.33     NUTRITION OPTC NEUROPTHY
Press <RETURN> to see more, '^' to exit this list, OR CHOOSE 1-5: 3 356.8      IDIO
PERIPH NEURPTHY NEC
Select Secondary ICD-9 Code: diabetes
  1  DIABETES  250.01      DIABETES MELLI W/0 COMP TYP I      COMPLICATION/CO
MORBIDITY
  2  DIABETES  250.11      DIABETES W KETOACIDOSIS TYPE I      COMPLICATION/CO
MORBIDITY
  3  DIABETES  250.21      DIABETES W HYPEROSMOLAR TYPE I      COMPLICATION/CO
MORBIDITY
  4  DIABETES  250.31      DIABETES W OTHER COMA TYPE I      COMPLICATION/CO
MORBIDITY
  5  DIABETES  250.41      DIABETES W RENAL MANIFES TYP I      COMPLICATION/CO
MORBIDITY
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1 250.01      DIABETES MELLI W/0 COMP TYP I      COMPLICATION/COMORBIDITY
Select Secondary ICD-9 Code:

```

ICD-9 Diagnosis Codes from copied, edited, or renewed prescriptions will carry forward as default answers.

### Example: Copying an Order (continued)

```
-----
DUPLICATE DRUG AMPICILLIN 250MG CAP in Prescription: 503911

      Status: Active                      Issued: 05/25/01
Processing Status: Released locally on 06/01/01@11:34:13 (Mail)
      SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY PROV
      COMMENTS
      QTY: 80                            # of refills: 0
      Provider: OPPROVIDER4,TWO          Refills remaining: 0
                                          Last filled on: 06/01/01
                                          Days Supply: 10
-----

Discontinue Rx # 503911? YES

Duplicate Drug will be discontinued after the acceptance of the new order.

Now doing order checks. Please wait...

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

Do you want to enter a Progress Note? No// <Enter> NO
-----
```

The new order information is displayed and, if it is verified as correct, the old order is discontinued.

```
Rx # 503913          06/04/01
OPPATIENT6,ONE      #80
TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY PROV COMMENTS

AMPICILLIN 250MG CAP
OPPROVIDER4,TWO      OPPHARMACIST4,THREE
# of Refills: 0

Is this correct? YES// <Enter>...
-Rx 503911 has been discontinued...

      SC Percent: 10%
      Disabilities:
PROSTATE GLAND CONDITION      10% - SERVICE CONNECTED
INGUINAL HERNIA              0% - SERVICE CONNECTED

Was treatment for Service Connected condition? NO// <Enter>

Is this correct? YES// <Enter>...
```

-----example continues-----

The Medication Profile screen is redisplayed at this point. The dollar sign next to the first prescription number means a copay charge is associated with that order.

### Example: Copying an Order (continued)

Medication Profile		Jun 04, 2006 16:03:55		Page: 1 of 1	
OPPATIENT6, ONE					
PID: 000-13-5790		Ht (cm): 175.26 (08/10/2004)			
DOB: FEB 8, 1922 (79)		Wt (kg): 75.45 (08/10/2004)			
#	RX #	DRUG	QTY ST	ISSUE DATE	LAST REF DAY FILL REM SUP
-----ACTIVE-----					
1	503913\$	AMPICILLIN 250MG CAP	80 A	06-04	06-04 0 10
2	503901	LISINOPRIL 10MG TAB	150 A>	05-17	05-17 2 30
Enter ?? for more actions					
PU	Patient Record Update		NO	New Order	
PI	Patient Information		SO	Select Order	
Select Action: Quit// <Enter>					
Label Printer: TELNET					
LABEL: QUEUE/CHANGE PRINTER/HOLD/SUSPEND or '^' to bypass Q// <Enter>					
LABEL(S) QUEUED TO PRINT					
Select PATIENT NAME: <Enter>					

The label displays the copay status of the prescription except for a partial fill.

## 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.

### Example: Copying an ePharmacy Order

Patient Information	Nov 04, 2005@09:19:26	Page:	1 of 1
OPPATIENT, FOUR <span style="float: right;">&lt;A&gt;</span>			
PID: 000-01-1322P	Ht (cm): _____ (_____)		
DOB: JAN 13,1922 (83)	Wt (kg): _____ (_____)		
SEX: MALE			
Eligibility: NSC, VA PENSION			
RX PATIENT STATUS: PENSION NSC			
Disabilities:			
123 ANY STREET		HOME PHONE:	
BIRMINGHAM		CELL PHONE:	
ALABAMA		WORK PHONE:	
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// <b>&lt;Enter&gt;</b> QUIT			

Medication Profile	Nov 04, 2005@09:23:47	Page:	1 of 1				
OPPATIENT, FOUR <span style="float: right;">&lt;A&gt;</span>							
PID: 000-01-1322P	Ht (cm): _____ (_____)						
DOB: JAN 13,1922 (83)	Wt (kg): _____ (_____)						
SEX: MALE							
#	RX #	DRUG	QTY ST	ISSUE DATE	LAST FILL	REF REM	DAY 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// <b>1</b>							

-----example continues-----

Medication Profile		Nov 04, 2005@09:24:04		Page: 1 of 1		
OPPATIENT,FOUR						
PID: 000-01-1322P		Ht (cm): _____ (_____)				
DOB: JAN 13,1922 (83)		Wt (kg): _____ (_____)				
SEX: MALE						
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY
-----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						
(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 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// <b>CO</b> 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					
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 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// <b>AC</b> Accept					

-----  
DUPLICATE DRUG PREDNISONE 5MG TAB in Prescription: 100003852

Status: Active Issued: 11/04/05  
Processing Status: Released locally on 11/04/05@11:34:13 (Mail)  
SIG: TAKE ONE TABLET BY BY MOUTH FOUR TIMES A DAY FOR 30  
DAYS WITH FOOD AVOIDING DAIRY FOODS  
QTY: 30 # of refills: 5  
Provider: OPPROVIDER4,TWO Refills remaining: 5  
Last filled on: 11/04/05  
Days Supply: 30  
-----

Discontinue Rx # 100003852? **YES**

Duplicate Drug will be discontinued after the acceptance of the new order.

Now doing 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 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

-Rx 100003852 has been discontinued...

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						
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY
-----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//						

## Renewing a Prescription

This action allows the pharmacy manager, pharmacist, or pharmacy technician to process renewals for existing orders.

### Example: Renewing a Prescription

[This example begins after an order is selected from the Medication Profile screen.]

OP Medications (ACTIVE)	Jun 04, 2006 16:14:40	Page: 1 of 3
-------------------------	-----------------------	--------------

---

OPPATIENT29,ONE <A>  
PID: 000-87-6543                      Ht (cm): 175.26 (06/07/2000)  
DOB: SEP 12,1919 (81)                      Wt (kg): 79.09 (06/07/2000)

---

Rx #: 503910  
(1) \*Orderable Item: AMPICILLIN CAP,ORAL \*\*\* (N/F) \*\*\*  
(2)                      Drug: AMPICILLIN 250MG CAP \*\*\* (N/F) \*\*\*  
(3)                      \*Dosage: 500 (MG)  
                            Verb: TAKE  
                            Dispense Units: 2  
                            Noun: CAPSULES  
                            \*Route: ORAL  
                            \*Schedule: QID  
                            \*Duration: 10D (DAYS)  
(4) Pat Instructions: with food  
                            SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS  
    WITH FOOD  
(5) Patient Status: SERVICE CONNECTED

+                      Enter ?? for more actions

DC	Discontinue	PR	Partial	RL	Release
ED	Edit	RF	(Refill)	RN	Renew

Select Action: Next Screen// **RN** Renew

---

FILL DATE: (6/4/2006 - 7/4/2006): TODAY// <Enter> (JUN 04, 2006)  
MAIL/WINDOW: WINDOW// <Enter> WINDOW  
METHOD OF PICK-UP: <Enter>  
Nature of Order: WRITTEN// <Enter> W  
WAS THE PATIENT COUNSELED: NO// <Enter> NO

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

Now Renewing Rx # 503910      Drug: AMPICILLIN 250MG CAP

Now doing order checks. Please wait...

503910A                      AMPICILLIN 250MG CAP                      QTY: 80  
# OF REFILLS: 0    ISSUED: 06-04-01  
SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS WITH FOOD  
FILLED: 06-20-01  
ROUTING: WINDOW                      PHYS: OPPROVIDER4,TWO

Edit renewed Rx ? Y// <Enter> ES

-----example continues-----

### Example: Renewing a Prescription (continued)

(To save space, only the second Prescription Renew screen is displayed in this example.)

Prescription Renew	Jun 04, 2006 16:18:17	Page: 2 of 2
OPPATIENT29,ONE		
PID: 000-87-6543	Ht(cm): 175.26 (06/07/2000)	<A>
DOB: SEP 12,1919 (81)	Wt(kg): 79.09 (06/07/2000)	
+		
SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS WITH FOOD		
Days Supply: 30		
QTY (CAP): 80		
(3) # of Refills: 0		
(4) Routing: WINDOW		
(5) Clinic: OUTPT NURSE GREEN TEAM		
(6) Provider: OPProvider4,TWO		
(7) Copies: 1		
(8) Remarks: RENEWED FROM RX # 503910		
Entry By: OPProvider4,TWO	Entry Date: JUN 4,2006 16:16:27	
Enter ?? for more actions		
AC Accept	DC Discontinue	
BY Bypass	ED Edit	
Select Item(s): Quit// <b>ED</b> Edit <b>[Or enter the field(s), e.g., 1,5,7]</b>		
Select Field to Edit by number: (1-8): 5		
CLINIC: OUTPT NURSE GREEN TEAM //OUT		
1 OUTPT NURSE BLUE TEAM		
2 OUTPT NURSE GREEN TEAM		
3 OUTPT NURSE YELLOW TEAM		
CHOOSE 1-3: 1 OUTPT NURSE BLUE TEAM		

The user may renew more than one order on the same patient by typing the desired order numbers separated by a comma (for example: 1,3,5).

Prescription Renew	Jun 04, 2006 16:24:32	Page: 2 of 2
OPPATIENT29,ONE		
PID: 000-87-6543	Ht(cm): 175.26 (06/07/2000)	<A>
DOB: SEP 12,1919 (81)	Wt(kg): 79.09 (06/07/2000)	
+		
SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS WITH FOOD		
Days Supply: 30		
QTY (CAP): 80		
(3) # of Refills: 0		
(4) Routing: WINDOW		
(5) Clinic: OUTPT NURSE BLUE TEAM		
(6) Provider: OPProvider4,TWO		
(7) Copies: 1		
(8) Remarks: RENEWED FROM RX # 503910		
Entry By: OPProvider4,TWO	Entry Date: JUN 4,2006 16:23:56	
Enter ?? for more actions		
AC Accept	DC Discontinue	
BY Bypass	ED Edit	
Select Item(s): Quit// <b>AC</b> Accept		
RX# 503910A has been suspended until 06-20-01.		



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
(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 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 continues-----

### Example: Renewing an ePharmacy Order (continued)

(To save space, only the second Prescription Renew screen is displayed in this example.)

Prescription Renew	Jun 04, 2006 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, 2006 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: 3EN			
(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>			

-----example continues-----

### Example: Renewing an ePharmacy Order (continued)

```
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...
```

```
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.

## Flagging and Unflagging a New Pending Order

Flagging a pending order allows you to prevent an order from processing and attach a note known as a flag to the pending order. After the flag has been addressed, you unflag the order, allowing it to be processed. Note that only new pending orders can be flagged.

The following provides examples of how to flag and unflag a pending order from a medication profile within *Patient Prescription Processing*.

If a pending order is flagged, the row number is highlighted on the Medication Profile screen (shown in the following example). Select the order to view the flag or to flag the new pending order.

### Example: A Flagged Pending Order

Medication Profile		Mar 13, 2008@16:31:24		Page: 1 of 1			
OPPATIENT16,ONE		<NO ALLERGY ASSESSMENT>					
PID: 000-24-6802		Ht(cm): 177.80 (02/08/2007)					
DOB: APR 3,1941 (66)		Wt(kg): 90.45 (02/08/2007)					
SEX: MALE							
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF DAY	FILL REM SUP
-----ACTIVE-----							
1	100002518	PENICILLAMINE 250MG TAB	31	A	02-29	02-29	5 31
-----PENDING-----							
2	ACETAMINOPHEN 500MG TAB		QTY: 60		ISDT: 03-13		REF: 3
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: (1-2): 2							

From the Pending OP Orders screen, you can flag and unflag an order, as well as view the flagged reason. To flag the order, enter **FL** and then enter a “REASON FOR FLAG”, alert the proper individual that the flag has been added by pressing **<Enter>** to select the default name or entering a different user name and pressing **<Enter>**, and the flagging process is complete.

### Example: Flagging an Order

```
REASON FOR FLAG: DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE
DISPENSING.
Send alert to: PSOUSER, ONE//          BIRMINGHAM          ALABAMA          OP
PHARMACIST
... order flagged.
```

When an order is flagged, “FL-” is placed in front of “Pending OP Orders” in the upper left corner, and the flagged reason is listed below the patient identifying information.

#### Example: A Flagged Order

```

FL-Pending OP Orders (ROUTINE)March 13, 2008 16:31:33      Page:    1 of 2
OPPATIENT16,ONE                                           <NO ALLERGY ASSESSMENT>
  PID: 000-24-6802                                         Ht(cm): 177.80 (02/08/2007)
  DOB: APR 3,1941 (66)                                     Wt(kg): 90.45 (02/08/2007)

Flagged by OPPHARM,TWO on 03/13/08@23:14:  DOUBLE CHECK WITH PATIENT FOR HEART
CONDITION BEFORE DISPENSING.

* (1) Orderable Item: ACETAMINOPHEN TAB                  * Editing starred fields will
(2)      CMOP Drug: ACETAMINOPHEN 500MG TAB              create a new order
  Drug Message: NATL FORM
(3)      *Dosage: 500 (MG)
          Verb: TAKE
          Dispense Units: 1
          *Route: ORAL
          *Schedule: BID
(4)      Pat Instruct:
          Provider Comments: ProvComments
          SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
(5)      Patient Status: SERVICE CONNECTED
(6)      Issue Date: MAR 13,2008      (7) Fill Date: MAR 13,2008
(8)      Days Supply: 30      (9) QTY (TAB): 60
+      Enter ?? for more actions
BY Bypass      DC Discontinue      FL Flag/Unflag
ED Edit      FN Finish
Select Item(s): Next Screen// FL Flag/Unflag

```

To unflag an order, enter **FL** at the “Select Item(s)” prompt, and then enter your “COMMENTS”. When you press <Enter>, the order is no longer flagged.

#### Example: Unflagging an Order

```

FLAGGED: 03/13 23:14 by OPPHARM,TWO
        DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE DISPENSING.
COMMENTS: CHECKED WITH PATIENT. NO HEART CONDITION.
        ... order unflagged.

```



At that point, the flag from the Medication Profile is removed, but the flagged/unflagged reason remains on the Pending OP Orders screen unless you reflag the order.

### Example: An Unflagged Order

Pending OP Orders (ROUTINE)    March 14, 2008 09:16:33    Page: 1 of 2	
OPPATIENT16, ONE	<NO ALLERGY ASSESSMENT>
PID: 000-24-6802	Ht (cm): 177.80 (02/08/2007)
DOB: APR 3, 1941 (66)	Wt (kg): 90.45 (02/08/2007)
<b>Flagged</b> by OPPHARM, TWO on 03/13/08@23:14: DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE DISPENSING. <b>Unflagged</b> by OPPHARM, TWO on 03/14/08@09:26: CHECKED WITH PATIENT. NO HEART CONDITION.	
* (1) Orderable Item: ACETAMINOPHEN TAB    * <i>Editing starred fields will create a new order</i> (2) CMOP Drug: ACETAMINOPHEN 500MG TAB Drug Message: NATL FORM (3) *Dosage: 500 (MG) Verb: TAKE Dispense Units: 1 *Route: ORAL *Schedule: BID (4) Pat Instruct: Provider Comments: ProvComments SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY (5) Patient Status: SERVICE CONNECTED (6) Issue Date: MAR 13, 2008    (7) Fill Date: MAR 13, 2008 (8) Days Supply: 30    (9) QTY (TAB): 60 + Enter ?? for more actions	
BY Bypass	DC Discontinue    FL Flag/Unflag
ED Edit	FN Finish
Select Item(s): Next Screen//	

After pending orders have been unflagged, they can be processed.



If you attempt to process a flagged order, you are prompted “Unflag Order? NO//”. If you respond **YES**, enter comments to unflag the order and continue with processing. If you respond **NO**, you cannot process the order because it is still flagged.

## Barcode Rx Menu

### [PSO BARCODE MENU]

Use this menu to batch barcode refills and renewals of prescriptions, and check the quality of the barcode print. The menu contains the following options:

- *Barcode Batch Prescription Entry*
- *Check Quality of Barcode*
- *Process Internet Refills*

## Barcode Batch Prescription Entry

### [PSO BATCH BARCODE]

Enter refills or renewals by batch entry using barcodes with this option.

#### Example: Barcode Batch Prescription Entry -- Refills

```
Select Barcode Rx Menu Option: Barcode Batch Prescription Entry

      Select one of the following:

          1          REFILLS
          2          RENEWS

Batch Barcode for: REFILLS// 1 REFILLS
Please answer the following for this session of prescriptions

FILL DATE:  (2/14/2007 - 12/31/2699): TODAY// <Enter>  (AUG 13, 2007)
MAIL/WINDOW: MAIL// <Enter> MAIL
Will these refills be Queued or Suspended ? S// <Enter> USPENDED
Allow refills for inpatient ? N// <Enter> O
Allow refills for CNH ? N// <Enter> O
WAND BARCODE: [Scan barcode]
```

## Check Quality of Barcode

### [PSO BARCODE CHECK]

No action is taken on the prescription by using this option. Use this option to check the quality of printed barcodes or use it to practice using the barcode reader. After the barcode is scanned, the barcode number will echo back on the screen and screen will return to the "Read Barcode" prompt. No action is taken on the prescription by using this option.

The following are some common causes for failure of the barcode reader and how they can be corrected.

- Barcode too faint (change printer ribbon)
- Improper scanning (move the wand at a steady rate)
- Defective barcode reader (replace the reader)

## Process Internet Refills

### [PSO INTERNET REFILLS]

This option allows the pharmacist to process prescription orders entered on the Internet through My Health<sub>e</sub>Vet. The system will prompt the user for the information as shown in the following example. The user enters the appropriate response for each prompt by pressing **Enter** on the keyboard to accept the default setting for a prompt. The user must type the appropriate word or letter to enter a response contrary to the default.



The recommended usage of this option is three times a day to ensure the requested refills are processed in a timely manner. Or, the *Automate Internet Refill* option, located on the Maintenance (Outpatient Pharmacy) menu, may be set up to schedule a background job for automatically processing Internet refills.

#### Example: Process Internet Refills Screen

```
Select Barcode Rx Menu Option: Process Internet Refills

Division: ALBANY

Please answer the following for this session of prescriptions

FILL DATE: (1/28/2005 - 12/31/2699): TODAY// <Enter> (AUG 11, 2005)
MAIL/WINDOW: MAIL// <Enter> MAIL
Will these refills be Queued or Suspended? Q// S <Enter> USPENED
Allow refills for inpatient ? N// <Enter> O
Allow refills for CNH ? N//<Enter> O
Allow early refills? N// <Enter> O

Process internet refill requests at this time? YES// <Enter> YES
Process internet refills for all divisions? NO// <Enter> O
```

Users can process refills for their division or all divisions within a site. However, sites can set parameters in the PHARMACY SYSTEM file for the INTERDIVISIONAL PROCESSING and DIVISION PROMPT ASKED fields that control responses to user input on the Process Internet Refills screen. Note that site control parameters override any entries made by the user in the Process Internet Refills screen.

If the INTERDIVISIONAL PROCESSING parameter is set to **No**, only the refills for the user's division will be filled, regardless of the user's input at the "Process internet refills for all divisions?" prompt.

If the INTERDIVISIONAL PROCESSING parameter is set to **Yes** and the DIVISION PROMPT ASKED parameter is set to **No**, then the refill orders are processed for all divisions without any additional user input.

If the INTERDIVISIONAL PROCESSING parameter is set to **Yes** and the DIVISION PROMPT ASKED parameter is set to **Yes**, refills for the user's division will be processed without any additional input. If unprocessed refills outside the user's division exist, the "Continue?" prompt displays, allowing the user to confirm each refill, as shown in the following example.

**Example: Process Internet Refills for all Divisions?**

```
Process internet refills for all divisions? NO// Y YES
```

```
Now refilling Rx# 100002310      Drug: CAPTROPRIL  100MG TABS
```

```
Qty: 60      Sig: TAKE ONE TABLET BY MOUTH TWICE A DAY
```

```
      Rx # 100002310 is for (ALBANY) division.  
Continue? N// Y YES
```

← This refill is outside  
the user's division.

If the user enters Yes at the "Continue?" prompt, the refill will be processed.

If the user enters No at the "Continue?" prompt, the refill will not process at this time, and the refill request will remain in the PRESCRIPTION REFILL REQUEST file. These refill requests may be processed later by a user in the same division, or any division, depending on the PHARMACY SYSTEM file parameters.

Refills processed successfully are flagged as FILLED in the RESULTS field of the PRESCRIPTION REFILL REQUEST file.

Refills not processed due to conditions such as: Rx Expired, Discontinued, On Hold, or Deleted, are flagged as NOT FILLED in the RESULTS field of PRESCRIPTION REFILL REQUEST file.

## Complete Orders from OERR

### [PSO LMOE FINISH]

When a clinician has created an order for a patient, the pharmacist needs to finish and verify the order. This option is used to finish orders entered into the patient record via Order Entry Results Reporting (OERR) V. 3.0. This option uses the List Manager features.

The user may select orders by patient, route, priority, clinic, or flag. Clinic or Clinic Sort Group can complete orders. In any sort, orders are completed on a first-in/first-out basis by patient. Clinic Sort Groups can be added or edited in the *Enter/Edit Clinic Sort Groups* option, found under the *Maintenance (Outpatient Pharmacy)* menu option. Orders entered before implementation of patch PSO\*7\*46 (Pharmacy Ordering Enhancements (POE)) must have the fields used to build the Sig filled in before processing can be completed.



Enter “E” at the “Select By:” prompt to stop processing orders.

If a temporary address has no end date, the following text is now displayed: “(Temp address from XXX 99,9999 till (no end date))”.

For ePharmacy orders, after an order is finished, the billing data is sent to ECME, which sends a message back to Outpatient Pharmacy displaying the status of the claim. For an example, see “Finishing an ePharmacy Order” in this section.

### Example: Finishing an Order from OERR

```
Select Outpatient Pharmacy Manager Option: RX (Prescriptions)

      Orders to be completed for all divisions: 16

Do you want an Order Summary? No//  <Enter> NO

      Patient Prescription Processing
      Barcode Rx Menu ...
      Complete Orders from OERR
      Discontinue Prescription(s)
      Edit Prescriptions
      ePharmacy Menu...
      List One Patient's Archived Rx's
      Manual Print of Multi-Rx Forms
      Reprint an Outpatient Rx Label
      Signature Log Reprint
      View Prescriptions

Select Rx (Prescriptions) Option: Complete Orders from OERR

There are multiple Institutions associated with this Outpatient Site for
finishing orders entered through CPRS. Select the Institution for which to
finish orders from. Enter '?' to see all choices.

Select CPRS ORDERING INSTITUTION: ALBANY// <Enter>      NY  VAMC  500

You have selected ALBANY.
After completing these orders, you may re-enter this option and select again.

<There are 3 flagged orders for ALBANY>

Select By: (PA/RT/PR/CL/FL/E): PATIENT// <Enter>

All Patients or Single Patient: (A/S/E): SINGLE// <Enter>
Select Patient: OPPATIENT16,ONE  OPPATIENT16,ONE      4-3-41      000246802
      YES      SC VETERAN
WARNING : ** This patient has been flagged with a Bad Address Indicator.

Do you want to see Medication Profile? Yes// <Enter>
```



The user may enter a question mark at the “Select Patient” prompt to get a list of patients with pending orders. A single patient may be selected for processing, or pending orders for all patients may be processed in sequence by the time of each order’s entry into the system.



Flagged orders will not be processed. They are not a part of any pending orders. To process flagged orders, you should enter **FL** at the “Select By” prompt. This ensures you will view all patients with flagged pending orders, allowing you to address their flagged orders; however, if you know which patients have flagged orders, you can access the flagged orders through the Medication Profile.



If the user answers **YES** to “Do you want to see Medication Profile?” and the patient has remote prescription(s), the following prompt appears.

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

If the user answers **YES** to “Display Remote Data?” then the “Remote Facilities Visited” screen appears, allowing the user to see what facilities the patient has prescriptions at and what those prescriptions are.

After the user answers the medication profile prompt, a warning displays if no allergy assessment has been made. The patient's eligibility and RX patient status also displays.

```

OPPATIENT16,ONE      4-3-41      000-24-6802
YES      SC VETERAN
      No Allergy Assessment!

Press Return to continue: <Enter>
Eligibility: SC
RX PATIENT STATUS: SERVICE CONNECTED// <Enter>

```

(The Patient Information and Medication Profile screens display next, but are not shown in this example.)

Pending OP Orders (ROUTINE)		March 13, 2008 16:31:33	Page: 1 of 2
OPPATIENT16,ONE		<NO ALLERGY ASSESSMENT>	
PID: 000-24-6802		Ht(cm): 177.80 (02/08/2008)	
DOB: APR 3,1941 (66)		Wt(kg): 90.45 (02/08/2008)	
* (1) Orderable Item: ACETAMINOPHEN TAB		* Editing starred fields will create a new order	
(2) CMOP Drug: ACETAMINOPHEN 500MG TAB			
Drug Message: NATL FORM			
(3) *Dosage: 500 (MG)			
Verb: TAKE			
Dispense Units: 1			
*Route: ORAL			
*Schedule: BID			
(4) Pat Instruct:			
Provider Comments: ProvComments			
SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY			
(5) Patient Status: SERVICE CONNECTED			
(6) Issue Date: MAR 13,2008		(7) Fill Date: MAR 13,2008	
(8) Days Supply: 30		(9) QTY (TAB): 60	
+ Enter ?? for more actions			
BY Bypass	DC Discontinue	FL Flag/Unflag	
ED Edit	FN Finish		
Select Item(s): Next Screen//// <b>FN</b> Finish			

After “Finish” is selected, the user is prompted to fill in any information missing from fields needed to complete the order.



If you attempt to process a flagged order, you are prompted “Unflag Order? NO//”. If you respond **YES**, enter comments to unflag the order and continue with processing. If you respond **NO**, you cannot process the order because it is still flagged.



If an order is sent from OERR without a Dispense Drug selected, and there is only one Dispense Drug tied to the Orderable Item, that drug will be inserted in the DRUG field (#2 on the screen). If there is more than one Dispense Drug tied to the Orderable Item, a “No Dispense Drug Selected” message will display in the DRUG field (#2 on the screen) and a Dispense Drug must be selected to complete/finish the order.

```

The following Drug are available for selection:
1. ACETAMINOPHEN 325MG
2. ACETAMINOPHEN EXTRA STR 500MG

```



If the drug list is empty, the user should select a new orderable item or the order can be discontinued.

```
Select Drug by number: (1-2): 1
```

-----example continues-----

Drug interaction and allergy checks are now performed. If the patient does not have an allergy assessment, a warning is displayed. If the user continues with the order, the user will have to create an intervention.

```
Now doing drug interaction and allergy checks. Please wait...

There is no allergy assessment on file for this patient.
You will be prompted to intervene if you continue with this prescription
Do you want to Continue?: N// YES
```

To continue with the order, respond **YES**. To cancel the order, respond **NO**.

If the user continues with the order, and the patient does not have an allergy assessment, and does not already have a prescription for which an Intervention was created, the user will have to create an intervention.

To create a new intervention, respond to the prompts as they are presented..

```
Now creating Pharmacy Intervention
for ACETAMINOPHEN 325MG

PROVIDER: OPPROVIDER4 , TWO
RECOMMENDATION: ?
    Answer with APSP INTERVENTION RECOMMENDATION, or NUMBER
    Choose from:
    1          CHANGE DRUG
    2          CHANGE FORM OR ROUTE OF ADMINISTRATION
    3          ORDER LAB TEST
    4          ORDER SERUM DRUG LEVEL
    5          CHANGE DOSE
    6          START OR DISCONTINUE A DRUG
    7          CHANGE DOSING INTERVAL
    8          NO CHANGE
    9          OTHER

RECOMMENDATION: 2  CHANGE FORM OR ROUTE OF ADMINISTRATION

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N//
```

If the patient does not have an allergy assessment, but already has a prescription for which an Intervention was created, the user will have the option to copy the existing Intervention.

```
Now doing drug interaction and allergy checks. Please wait...

No Allergy Assessment - Do you want to duplicate Intervention?: Yes//
```



To duplicate the intervention, respond **YES**. The Intervention is displayed and the user is prompted to edit the Intervention.

```
No Allergy Assessment - Do you want to duplicate Intervention?: Yes//  YES

INTERVENTION DATE: JUL 20, 2009      PATIENT: OPPATIENT16,ONE
PROVIDER: OPPROVIDER4,TWO          PHARMACIST: OPPHARMACIST4,THREE
DRUG: ACETAMINPHEN 325MG             INSTITUTED BY: PHARMACY
INTERVENTION: ALLERGY                RECOMMENDATION: NO CHANGE
ORIGINATING PACKAGE: OUTPATIENT       DIVISION: ALBANY

Would you like to edit this intervention ? N//
```

To accept the existing intervention as is, respond **NO**. To edit the intervention, respond **YES**. Edit as any other intervention.

To create a new intervention, respond **NO**.

```
No Allergy Assessment - Do you want to duplicate Intervention?: Yes// n  NO

Now creating Pharmacy Intervention
for  ACETAMINPHEN 325MG
```

If the user chooses to copy Provider Comments into the Patient Instructions, they will display on the end of both the Patient Instructions and the Sig.



If the patient has been identified as having another language preference, the Provider Comments will not be appended to the other language Sig.

#### Example: Finishing an Order from OERR (continued)

```
Provider Comments:
WITH A FULL MEAL
Copy Provider Comments into the Patient Instructions? No//  Y  YES

(TAKE ONE TABLET BY MOUTH TWICE A DAY WITH A FULL MEAL)

Rx # 503902          05/22/01
OPPATIENT16,ONE      #60
TAKE ONE TABLET BY MOUTH TWICE A DAY WITH A FULL MEAL

ACETAMINOPHEN 325MG TAB
OPPROVIDER4,TWO      OPPHARMACIST4,THREE
# of Refills: 3

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

After an order is accepted, the user will be prompted to enter the missing information.

```
METHOD OF PICK-UP:
WAS THE PATIENT COUNSELED: NO//  Y  YES
WAS COUNSELING UNDERSTOOD: NO//  Y  YES

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

    SC Percent: 20%
    Disabilities:
KNEE CONDITION          10% - SERVICE CONNECTED
TRAUMATIC ARTHRITIS     10% - SERVICE CONNECTED
SEPTUM, NASAL, DEVIATION OF  0% - SERVICE CONNECTED
RESIDUALS OF FOOT INJURY  0% - SERVICE CONNECTED

This Rx has been flagged as: SC
Was treatment for Service Connected condition? YES//  <Enter>
Press Return to Continue:
```

## Flagging and Unflagging a New Pending Order

Flagging a pending order allows you to prevent an order from being processed and attach a note known as a flag to the pending order. After the flag has been addressed, you can unflag the order, allowing it to then be processed. Note that only new pending orders can be flagged.

Flagged orders will not be processed. When you have flagged orders to process from the *Complete Orders from OERR* option, you should enter **FL** at the “Select By” prompt (shown in the following example). This ensures you will view all patients with flagged pending orders, allowing you to address their flagged orders; however, if you know which patients have flagged orders, you can access the flagged orders through the Medication Profile.

The following provides examples of how to flag and unflag pending orders from a medication profile within the *Complete Orders from OERR* option.

### Example: Finishing an Order from OERR

```
Select Outpatient Pharmacy Manager Option: RX (Prescriptions)

      Orders to be completed for all divisions: 16

Do you want an Order Summary? No//  <Enter> NO

      Patient Prescription Processing
      Barcode Rx Menu ...
      Complete Orders from OERR
      Discontinue Prescription(s)
      Edit Prescriptions
      ePharmacy Menu...
      List One Patient's Archived Rx's
      Manual Print of Multi-Rx Forms
      Reprint an Outpatient Rx Label
      Signature Log Reprint
      View Prescriptions

Select Rx (Prescriptions) Option: COMplete Orders from OERR

There are multiple Institutions associated with this Outpatient Site for
finishing orders entered through CPRS. Select the Institution for which to
finish orders from. Enter '?' to see all choices.

Select CPRS ORDERING INSTITUTION: ALBANY//  <Enter>  NY  VAMC  500

You have selected ALBANY.
After completing these orders, you may re-enter this option and select again.

      <There are 3 flagged orders for ALBANY>

Select By:  (PA/RT/PR/CL/FL/E): PATIENT//  FL <Enter>

Do you want to see Medication Profile? Yes//  <Enter>
```

After answering the “Medication Profile” prompt, a warning displays if no allergy assessment has been made. The patient’s eligibility and RX patient status also displays.

```

OPPATIENT16,ONE      4-3-41      000246802
YES      SC VETERAN
      No Allergy Assessment!

Press Return to continue: <Enter>
Eligibility: SC
RX PATIENT STATUS: SERVICE CONNECTED// <Enter>

```

If a pending order is flagged, the row number is highlighted on the Medication Profile screen (shown in the following example). Select the order to view the flag or to flag the new pending order.

#### Example: A Flagged Pending Order

```

Medication Profile      Mar 13, 2008@16:31:24      Page:      1 of      1
OPPATIENT16,ONE      <NO ALLERGY ASSESSMENT>
  PID: 000-24-6802      Ht (cm): 177.80 (02/08/2007)
  DOB: APR 3,1941 (66)      Wt (kg): 90.45 (02/08/2007)
  SEX: MALE

#  RX #      DRUG      QTY ST  ISSUE  LAST REF DAY
-----
1 100002518  PENICILLAMINE 250MG TAB      31 A  02-29 02-29  5  31
-----
2 ACETAMINOPHEN 500MG TAB      QTY: 60      ISDT: 03-13  REF:  3
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: (1-2): 2

```

From the Pending OP Orders screen, you can flag and unflag an order, as well as view the flagged reason. To flag the order, enter **FL** and then enter a “REASON FOR FLAG”, alert the proper individual that the flag has been added, and the flagging process is complete.

#### Example: Flagging an Order

```

REASON FOR FLAG: DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE
DISPENSING.
Send alert to: PSUSER,ONE//      BIRMINGHAM      ALABAMA      OP
PHARMACIST
... order flagged.

```

When an order is flagged, “FL-” is placed in front of “Pending OP Orders” in the upper left corner, and the flagged reason is listed below the patient identifying information.

#### Example: A Flagged Order

FL-Pending OP Orders (ROUTINE)March 13, 2008 16:31:33		Page: 1 of 2
OPPATIENT16,ONE		<NO ALLERGY ASSESSMENT>
PID: 000-24-6802	Ht(cm): 177.80 (02/08/2007)	
DOB: APR 3,1941 (66)	Wt(kg): 90.45 (02/08/2007)	
<b>Flagged</b> by OPPHARM,TWO on 03/13/08@23:14: DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE DISPENSING.		
* (1) Orderable Item: ACETAMINOPHEN TAB (2) CMOP Drug: ACETAMINOPHEN 500MG TAB Drug Message: NATL FORM (3) *Dosage: 500 (MG) Verb: TAKE Dispense Units: 1 *Route: ORAL *Schedule: BID (4) Pat Instruct: Provider Comments: ProvComments SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY (5) Patient Status: SERVICE CONNECTED (6) Issue Date: MAR 13,2008 (7) Fill Date: MAR 13,2008 (8) Days Supply: 30 (9) QTY (TAB): 60		<i>* Editing starred fields will create a new order</i>
+ Enter ?? for more actions		
BY Bypass	DC Discontinue	FL Flag/Unflag
ED Edit	FN Finish	
Select Item(s): Next Screen// <b>FL</b> Flag/Unflag		

To unflag an order, enter **FL** at the “Select Item(s)” prompt, and then enter your “COMMENTS”. When you press <Enter>, the order is no longer flagged.

#### Example: Unflagging an Order

```

FLAGGED: 03/13 23:14 by OPPHARM,TWO
        DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE DISPENSING.
COMMENTS: CHECKED WITH PATIENT. NO HEART CONDITION.
        ... order unflagged.
  
```

At that point, the flag from the Medication Profile is removed, but the flagged/unflagged reason remains on the Pending OP Orders screen unless you reflag the order.

### Example: An Unflagged Order

Pending OP Orders (ROUTINE)    March 14, 2008 09:16:33    Page: 1 of 2	
OPPATIENT16, ONE	<NO ALLERGY ASSESSMENT>
PID: 000-24-6802	Ht (cm): 177.80 (02/08/2007)
DOB: APR 3, 1941 (66)	Wt (kg): 90.45 (02/08/2007)
<b>Flagged</b> by OPPHARM, TWO on 03/13/08@23:14: DOUBLE CHECK WITH PATIENT FOR HEART CONDITION BEFORE DISPENSING. <b>Unflagged</b> by OPPHARM, TWO on 03/14/08@09:26: CHECKED WITH PATIENT. NO HEART CONDITION.	
* (1) Orderable Item: ACETAMINOPHEN TAB    * <i>Editing starred fields will create a new order</i> (2) CMOP Drug: ACETAMINOPHEN 500MG TAB Drug Message: NATL FORM (3) *Dosage: 500 (MG) Verb: TAKE Dispense Units: 1 *Route: ORAL *Schedule: BID (4) Pat Instruct: Provider Comments: ProvComments SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY (5) Patient Status: SERVICE CONNECTED (6) Issue Date: MAR 13, 2008    (7) Fill Date: MAR 13, 2008 (8) Days Supply: 30    (9) QTY (TAB): 60 + Enter ?? for more actions	
BY Bypass	DC Discontinue    FL Flag/Unflag
ED Edit	FN Finish
Select Item(s): Next Screen//	

After pending orders have been unflagged, they can be processed.



If you attempt to process a flagged order, you are prompted “Unflag Order? NO//”. If you respond **YES**, enter comments to unflag the order and continue with processing. If you respond **NO**, you cannot process the order because it is still flagged.

## Changes to Finishing Pending Orders Process - Digitally Signed Orders Only

Digitally signed orders will be identifiable by the “Digitally Signed Order” message in reverse video on the message bar.



If the terminal in use is set up as a VT-100, there may be problems with this message display and the “Processing Digitally Signed Order” message. Updating the VistA terminal session to use VT-320 will avoid this problem.

The provider’s PKI certificate is re-validated when accessing a digitally signed order. If the validation check is unsuccessful, an error code is sent to the pharmacist and an entry is made in the Rx Activity Log. The error code type results in either the order being automatically rejected/discontinued or the pharmacist being given the choice to finish, bypass, or discontinue the order. Digitally signed prescriptions that have been discontinued cannot be reinstated. The Speed Discontinuation functionality no longer deletes unverified prescriptions.

### Finishing an Order from OERR with Multiple Institutions

Multiple Institution entries can be added using the *Site Parameter Enter/Edit* option. If a site has multiple entries in the CPRS ORDERING INSTITUTION field, the user is prompted for an Institution when entering the *Complete Orders from OERR* option. After an Institution is selected, the Pending Orders shown for completion will be those Pending Orders from clinics that are associated with the Institution selected.

#### Example: Finishing an Order from OERR with Multiple Institutions

```
Select Outpatient Pharmacy Manager Option: RX (Prescriptions)

      Orders to be completed for all divisions: 21

Do you want an Order Summary:? No// <Enter> NO

Select Rx (Prescriptions) Option: COmplete Orders from OERR

There are multiple Institutions associated with this Outpatient Site for
finishing orders entered through CPRS. Select the Institution from which to
finish orders. Enter '?' to see all choices.

Select CPRS ORDERING INSTITUTION: BIRMINGHAM, AL.// <Enter> BIRMINGHAM, AL.521

You have selected BIRMINGHAM, AL..
After completing these orders, you may re-enter this option and select again.

Select By: (PA/RT/PR/CL/FL/E): PATIENT// PA
```

[See the previous example for completion of this option.]

## Finishing an ePharmacy Order

After the user reviews the ePharmacy order and chooses to accept the order, the billing data is sent to ECME, which sends a message back to Outpatient Pharmacy displaying the status of the claim. The ECME section of the Activity Log is also updated.

```
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//
```



## Activity Log

Multiple Activity Logs exist for a completed or finished order. Any single activity log or all activity logs can be viewed.

Use the hidden action (AL) to view the activity log once a completed or finished order is selected.

### Example: Activity Log

OP Medications (ACTIVE)	Jun 08, 2006 11:01:29	Page:	1 of 3
OPPATIENT29,ONE		<A>	
PID: 000-87-6543		Ht (cm): 175.26 (06/07/2000)	
DOB: SEP 12,1919 (81)		Wt (kg): 79.09 (06/07/2000)	
Rx #: 503915			
(1) *Orderable Item: AMPICILLIN CAP,ORAL *** (N/F) ***			
(2) Drug: AMPICILLIN 250MG CAP *** (N/F) ***			
(3) *Dosage: 750 (MG)			
Verb: TAKE			
Dispense Units: 3			
Noun: CAPSULE(S)			
*Route: ORAL			
*Schedule: QID			
*Duration: 10D (DAYS)			
(4) Pat Instructions: WITH FOOD AVOIDING DAIRY FOODS			
SIG: TAKE THREE CAPSULES BY MOUTH FOUR TIMES A DAY FOR 10 DAYS			
WITH FOOD AVOIDING DAIRY FOODS			
(5) Patient Status: SERVICE CONNECTED			
+ Enter ?? for more actions			
DC	Discontinue	PR	Partial
ED	Edit	RF	(Refill)
RL	Release	RN	Renew
Select Action: Next Screen// <b>AL</b>			
Select Activity Log by number			
1.	Refill	2.	Partial
3.	Activity	4.	Labels
5.	Copay	6.	ECME
7.	All Logs:	(1-7): 7// <Enter>	

-----example continues-----

The prompt for the selection of the Activity Log depends on what type of prescription is selected. For example, if the prescription is an ePharmacy prescription, ECME displays as item #6. If the prescription is a CMOP prescription, CMOP displays as item #6.

### Example: Activity Log (continued)

```
Rx Activity Log          Jun 08, 2006 11:02:51          Page:    1 of    2
OPPATIENT29,ONE
  PID: 000-87-6543                      Ht(cm): 175.26 (06/07/2000)
  DOB: SEP 12,1919 (81)                 Wt(kg): 79.09 (06/07/2000)

Rx #: 503904   Original Fill Released: 5/25/01
Routing: Window   Finished by: OPPROVIDER,ONE

Refill Log:
#  Log Date   Refill Date   Qty           Routing   Lot #       Pharmacist
=====
There are NO Refills For this Prescription

Partial Fills:
#  Log Date   Date       Qty           Routing   Lot #       Pharmacist
=====
There are NO Partial for this Prescription

Activity Log:
#  Date       Reason       Rx Ref       Initiator Of Activity
=====
1  05/25/01                ORIGINAL
Comments: Patient Instructions Not Sent By Provider.
2  05/25/01   PROCESSED   ORIGINAL     OPPROVIDER,ONE
Comments: Label never queued to print by User

Label Log:
#  Date       Rx Ref       Printed By
=====
1  09/25/06   ORIGINAL    OPPROVIDER,ONE
Comments: ScripTalk label printed
2  09/25/06   ORIGINAL    OPPROVIDER,ONE
Comments: ROUTING=WINDOW (BAD ADDRESS)

Coplay Activity Log:
#  Date       Reason       Rx Ref       Initiator Of Activity
=====
There's NO Coplay activity to report

ECME Log:
#  Date/Time       Rx Ref       Initiator Of Activity
=====
1  11/30/05@18:38:29  ORIGINAL    OPPHARMACIST,ONE
Comments: No claim submission made. Billing Determination was: DRUG NOT
BILLABLE.

[This shows an extended view of what is seen on the screen.]

Enter ?? for more actions

Select Action:Quit// <Enter>
```

-----example continues-----

The Activity Logs will appear the same as the OP logs with the exception of the addition of a CMOP Event Log. Here is an example of a sample CMOP Event Log:

**Example: Activity Log (continued)**

Rx Activity Log	Jul 06, 1996 09:54:24	Page:	2 of 2
-----------------	-----------------------	-------	--------

OPPATIENT2, ONE  
 PID: 000-23-4567                      Ht (cm): 188.40 (12/02/00)  
 DOB: DEC 14,1960 (34)                Wt (kg): 109.10 (12/02/00)

CMOP Event Log:

Date/Time	Rx Ref	TRN-Order	Stat	Comments
09/17/00@1526	Ref 1	267-4	DISP	NDC: 1234TEST5678

CMOP Lot#/Expiration Date Log:

Rx Ref	Lot #	Expiration Date
Ref 1	1234TST	07/07/00

Enter ?? for more actions

Select Action:Quit// <Enter>

If this were an ePharmacy prescription, the prompt will display as follows:

Select Activity Log by number			
1. Refill	2. Partial	3. Activity	4. Labels
5. Copay	6. ECME	7. All Logs:	(1-7): 7/// 6

For an ePharmacy prescription, the ECME Event Log displays before the CMOP Event Log.

**Example: ECME Event Log of an ePharmacy prescription**

Rx Activity Log	Nov 07, 2005@12:23:37	Page:	1 of 1
-----------------	-----------------------	-------	--------

OPPATIENT, FOUR  
 PID: 000-01-1322P                      Ht (cm): \_\_\_\_\_ (\_\_\_\_\_)  
 DOB: NOV 12,1975 (29)                Wt (kg): \_\_\_\_\_ (\_\_\_\_\_)

Rx #: 100003861    Original Fill Released:  
 Routing: Window                      Finished by: OPPHARMACIST4,THREE

ECME Log:

#	Date	Rx Ref	Initiator Of Activity
1	11/07/05	ORIGINAL	OPPHARMACIST4,THREE

Comments: ECME:REJECT WORKLIST-DUR OVERRIDE CODES (DD/M0/1B) -E  
 PAYABLE-pOPP INSURANCE

ECME REJECT Log:

#	Date/Time Rcvd	Rx Ref	Reject Type	STATUS	Date/Time Resolved
---	----------------	--------	-------------	--------	--------------------

Enter ?? for more actions

Select Action:Quit// <Enter>

## Discontinue Prescription(s)

### [PSO C]

The *Discontinue Prescription(s)* option is used to either discontinue a prescription without deleting its record from the files, or reinstate a prescription discontinued by pharmacy.

#### Example: Discontinuing a prescription

```
Select Rx (Prescriptions) Option: DISCONTINUE Prescription(s)

Discontinue/Reinstate by Rx# or patient name: (R/P): PATIENT NAME

Are you entering the patient name or barcode: (P/B): Patient Name

Select PATIENT NAME: OPPATIENT16,ONE  OPPATIENT16,ONE  9-7-52  000246802
YES      SC VETERAN

      RX #      DRUG      QTY ST  ISSUE  LAST REF DAY
      -----  -----  -----  -----  -----  -----
      -----ACTIVE-----
1 100003218  AMPICILLIN 500MG CAP      10 A  05-11  05-11   5  30
2 100003238  PREDNISONE 5MG TAB      30 A  05-30  05-30   3  10
3 100003205$  TRIPROLIDINE & PSEUDOEPHEDRINE      10 A  05-01  05-01   5  31
      -----DISCONTINUED-----
4 100003216$  AMPICILLIN 10GM INJ. M.D.V.      30 DC  05-07  05-07   5  30
5 100003214  PREDNISONE 1MG TAB      30 DE  05-07  05-07   3  10
Press RETURN to continue: <Enter>

Discontinue all or specific Rx#'s?: (A/S): SPECIFIC Rx's

ENTER THE LINE #: (1-5): 2

Comments: RESTRICTED/NF MED
Nature of Order: SERVICE CORRECTION// ??

      Nature of Order Activity      Require      Print      Print on
      -----      E.Signature      Chart Copy      Summary
      -----
WRITTEN
VERBAL      x      x      x
TELEPHONED      x      x      x
SERVICE CORRECTION
POLICY      x      x
DUPLICATE
SERVICE REJECT      x      x

Nature of Order: SERVICE CORRECTION// SERVICE REJECT  R

Requesting PROVIDER: OPPROVIDER30,TWO // <Enter>  TO
100003238  PREDNISONE 5MG TAB  OPPATIENT16,ONE
      Rx to be Discontinued

Press Return to Continue: <Enter>

OK to Discontinue? N// YES
```

When a prescription is discontinued, the software checks for any unresolved ECME rejections for that prescription. If a DUR REJECT or REFILL TOO SOON REJECT is found, it will be marked resolved with the reason PRESCRIPTION DISCONTINUED.

When an ePharmacy prescription is discontinued, the software checks for any unreleased fills with a PAYABLE claim. If found, a reversal request is sent to ECME, which forwards it on to the third party payer.

When a pending renewal order is discontinued, Outpatient Pharmacy verifies if there is an active prescription for the same drug. If an active prescription is found, you are prompted with “There is an active Rx for this pending order, Discontinue both (Y/N)?” If you respond **YES**, both the pending order and the active order are discontinued. If you respond **NO**, only the pending order is discontinued and the active order is not discontinued.

## **Edit Prescriptions**

### **[PSO RXEDIT]**

This option allows changes to be made to entered orders. Newly entered orders can be edited before release by typing in the corresponding field number. Previously entered orders can be edited by entering the prescription number, then specifying the field to be edited. An asterisk or star (\*) is shown in front of each field that will create a new order if it is changed. See the section “Editing an Order” for an example.

When editing fields preceded by an asterisk (\*) in an ePharmacy order (or electronically third party billable prescription), upon acceptance of the edited 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. See “Editing an ePharmacy Order” for an example of editing ePharmacy orders.

## ePharmacy Menu

### [PSO EPHARMACY MENU]



The following menu items are locked with the PSORPH key: ePharmacy Medication Profile Division Preferences, ePharmacy Site Parameters, Third Party Payer Rejects – View/Process and Third Party Payer Rejects – Worklist. The following menu item is locked with the PSO TRICARE MGR key: TRICARE Bypass/Override Report.

These menu items allow the user to perform ePharmacy specific functions including rejections by third party payers including DUR/RTS and has the following options:

- *Ignored Rejects Report*
- *ePharmacy Medication Profile (View Only)*
- *NDC Validation*
- *ePharmacy Medication Profile Division Preferences*
- *ePharmacy SiteParameters*
- *Third Party Payer Rejects – View/Process*
- *Third Party Payer Rejects – Worklist*
- *TRICARE Bypass/Override Report*

DURs can occur when a third party determines there are safety issues involved with an Rx claim submission, and they can be due to high dose, drug interaction, and excessive utilization. The third party payer returns an NCPDP rejection code of 88 to indicate a DUR.

Refill Too Soon rejections happen when a third party payer determines that a prescription is being processed too early compared to the last time the prescription was filled. This can occur for several reasons, including third party payer's policy differs from VA policy, patient receiving medication at another pharmacy, or the provider may have increased the dosage or frequency of the medication. The third party payer returns an NCPDP rejection code of 79 to indicate a Refill Too Soon.

Prescriptions rejected as DUR and Refill Too Soon are moved to the REFILL TOO SOON/DUR REJECTS (Third Party) section of the Medication Profile. The user must resolve a rejected prescription before other actions such as release, label print, renew, and refill, among others, can be performed on it. Actions may still be taken on these prescriptions through CPRS.

## Ignored Rejects Report

### [PSO IGNORED REJECTS REPORT]

This option gives the user the ability to run a report for third-party rejects that have been ignored and consequently closed by the pharmacy users.

The user can select one of the following parameters to filter the data in the report:

- **DIVISION:** Allows the user to select one, some or all divisions.
- **DATE RANGE:** Allows the user to select a date range.

- **SORT BY:** Allows the user to choose different fields to sort the report by. Any combination can be selected:
  - **PATIENT:** Allows the user to select a single, multiple or all patients
  - **DRUG:** Allows the user to select a single, multiple or all drugs.
  - **USER:** Allows the user to select a single, multiple or all users that have ignored third party rejects.

#### Example: Ignored Rejects Report

Select ePharmacy Menu Option: **IR** Ignored Rejects Report

You may select a single or multiple DIVISIONS,  
or enter ^ALL to select all DIVISIONS.

DIVISION: **^ALL**

BEGIN REJECT DATE: **030606** (MAR 06, 2006)

END REJECT DATE: **061407** (JUN 14, 2007)

Enter the SORT field(s) for this Report:

- 1 - PATIENT
- 2 - DRUG
- 3 - USER

Or any combination of the above, separated by comma,  
as in these examples:

- 2,1 - BY PATIENT, THEN DRUG
- 3,1,2 - BY USER, THEN BY PATIENT, THEN BY DRUG

SORT BY: PATIENT// **1,2**

SORT BY PATIENT  
THEN BY DRUG

You may select a single or multiple PATIENTS,  
or enter ^ALL to select all PATIENTS.

PATIENT: **^ALL**

You may select a single or multiple DRUGS,  
or enter ^ALL to select all DRUGS.

DRUG: **^ALL**

DEVICE: HOME// **[Select Printer Device]**

-----example continues-----

Ignored Rejects Report				Page: 1
Sorted by PATIENT, DRUG		Division: ALBANY		
Date Range: 03/06/2007 - 06/14/2007		Run Date: Jun 15, 2007@15:26:35		
Rx#	DRUG	PATIENT	IGNORE DT	IGNORED BY
1192029A	SODIUM CHLORIDE 0.9%	OPPATIENT,ONE(9999)	04/18/07	OPUSER,ONE
Comments: PATIENT WAS RUNNING OUT OF DRUG.				
Payer Message: NEXT RFL 041907,DAYS TO RFL 1, LAST FILL 112706 VIA MAIL, REFILL TOO SOON.				
2990211	ALENDRONATE 70MG/75M	OPPATIENT,TWO(0000)	05/20/07	OPUSER,ONE
Comments: NEXT POSSIBLE FILL WAS TOO FAR OUT.				
Payer Message: PLAN LIMIT EXCEEDED. NEXT POSSIBLE FILL: 05/29/2007				
TOTAL: 2 Patients.				

## ePharmacy Medication Profile (View Only)

### [PSO PMP]

Although the name indicates “ePharmacy Medication Profile”, this option can be used to list the medication profile for any patient on file. It will be used mostly by ePharmacy users for claims research purposes. This functionality is also available from the Reject Worklist through the Medication Profile (MP) action.

#### Example 1: Medication Profile with default view

Patient Medication Profile			Jun 04, 2007@19:22:16		Page: 1 of 1			
OPPATIENT,ONE			<A>					
PID: 000-12-5678			HEIGHT(cm): 175.26		(11/21/2006)			
DOB: NOV 28,1946 (60)			WEIGHT(kg): 108.18		(08/09/2007)			
SEX: MALE			EXP/CANCEL CUTOFF: 120 DAY					
#	Rx#	DRUG [^]	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
1	100004112e	ALBUTEROL INHALER	1	A	04-21-07	04-21-07	11	7
2	300483e	ALPRAZOLAM 0.25MG TABS	30	DC	06-14-07	06-14-07	11	30
3	100004113e	AMITRIPTYLINE 10MG TAB	60	A	04-21-07	04-21-07	11	30
4	100004075e	CABERGOLINE 0.5MG TAB	7	E	05-18-05	05-18-05	6	7
5	100004155	DESIPRAMINE 25MG	90	S	02-23-07	02-11-07	11	90
6	100004022\$e	DIGOXIN 0.05MG/ML ELIX (60CC)	30	A	02-01-07	02-20-07	10	90
7	100004081	METAPROTERENOL 5% SOLUTION 10ML	15	DC	06-02-07	06-03-07	11	15
8	100004082	METAPROTERENOL 5% SOLUTION 10ML	10	DC	06-02-07	06-03-07	11	10
9	100004083e	METAPROTERENOL 5% SOLUTION 10ML	15	A>	06-02-07	06-23-07	11	15
10	100004079e	NICOTINE 10MG/ML SOLN NASAL SPRAY	1	A>	06-02-07	06-23-07	11	15
11	100003298	SIMVASTATIN 20MG TAB	5	DC	05-28-05	04-27-07	3	30
12	100003298A	SODIUM CHLORIDE 0.9% NASAL SOLN(O	1	A	05-10-07	05-10-07	11	30
13	100004070e	VALSARTAN 80MG TAB	5	S	06-28-07	05-31-07	11	30
PENDING (2 order)								
14	ALBUTEROL INHALER			RF	06-03-07			2 30
15	AMITRIPTYLINE 10MG TAB			RN	06-02-07			3 10
Non-VA MEDS (Not dispensed by VA) (1 order)								
16	TAMOXIFEN CITRATE 10MG TABS		Date Documented: 06/04/07					
Enter ?? for more actions								
CV	Change View		PI	Patient Information		SIG	Show/Hide SIG	
GS	Group by Status		PU	Patient Record Update				
Select: Quit//								

The following options are available as Hidden Menu actions on this screen.

DR - Sort by Drug

LF - Sort by Last Fill



RX     - Sort by Prescription                      ID     - Sort by Issue Date  
RDD   - Switch between LAST FILL and LAST RELD (release date)

After selecting a prescription on this screen, the *REJ* option is available on the “RX View” screen’s hidden menu. This action displays third party reject information for the prescriptions with third party rejects.

The *CV (Change View)* option allows the user to change some characteristics of the screen above. The user can also save and/or delete preferences, which will be used every time the user runs the *Medication Profile* option or invokes it from the Reject Worklist. The users can have one set of preferences for each Division defined.

### Example 2: Change View action

Enter CV at the “Select:” prompt to change the view preferences.

```
OPPROVIDER,ONE's current default view (ALBANY):
-----
EXP/CANCEL CUTOFF   : 120 DAYS
SORT BY             : DRUG NAME
SORT ORDER          : ASCENDING
DISPLAY SIG         : NO
GROUP BY STATUS     : YES
DISPLAY ORDER COUNT : YES

Delete this default view? NO// <Enter>

EXP/CANCEL CUTOFF: 120// 120 DAYS
SORT BY: DR// DRUG NAME
SORT ORDER: ASCENDING// ASCENDING
DISPLAY SIG: OFF// OFF
GROUP BY STATUS: OFF// ON
DISPLAY ORDER COUNT: ON// OFF

Save as your default View? NO// YES

Saving...OK!
```

### Example 3: Display SIG action

Enter SIG at the “Select:” prompt to toggle the Sig display on or off.

```
Patient Medication Profile      Jun 04, 2007@19:22:16      Page:      1 of      1
PID: 000-12-5678                HEIGHT(cm): 175.26 (11/21/2006)
DOB: NOV 28,1946 (60)           WEIGHT(kg): 108.18 (08/09/2007)
SEX: MALE                       EXP/CANCEL CUTOFF: 120 DAY

# Rx#      DRUG [^]              QTY ST DATE      FILL      SUP
1 100004112e  ALBUTEROL INHALER            1 A  04-21-07  04-21-07   7
  SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
2 300483e    ALPRAZOLAM 0.25MG TABS       30 DC 06-14-07  06-14-07  30
  SIG: TAKE 2 CAPSULES BY MOUTH TAKE
3 100004113e  AMITRIPTYLINE 10MG TAB       60 A  04-21-07  04-21-07  30
  SIG: TAKE TWO BY MOUTH EVERY DAY
4 100004075e  CEFOPERAZONE                 7 E  05-18-05  05-18-05   7
  SIG: TAKE 1 TABLESPOONFUL BY MOUTH Q4-6H AS NEEDED
5 100004155   DESIPRAMINE 25MG             90 S  02-23-07  02-11-07  90
  SIG: TAKE ONE TABLET BY MOUTH TWICE A DAY
6 100004022$e DIGOXIN 0.05MG/ML ELIX (60CC)  30 A  02-01-07  02-20-07  90
  SIG: 300 LB BY MOUTH EVERY FOUR HOURS
7 100004081   METAPROTERENOL 5% SOLUTION 10ML 15 DC 06-02-07  06-03-07  15
  SIG: TAKE 1 TABLESPOONFUL BY MOUTH Q4-6H AS NEEDED
8 100004082   METAPROTERENOL 5% SOLUTION 10ML 10 DC 06-02-07  06-03-07  10
  SIG: TAKE 2 TABLESPOONFUL BY MOUTH Q4-6H AS NEEDED
9 100004083e  METAPROTERENOL 5% SOLUTION 10ML 15 A  06-02-07  06-23-07  15
  SIG: TAKE 3 TABLESPOONFUL BY MOUTH Q4-6H AS NEEDED

Enter ?? for more actions
CV Change View      PI Patient Information  SIG Show/Hide SIG
GS Group by Status  PU Patient Record Update
Select: Quit//
```

## 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 OPAL. This function provides a pharmacy technician the ability to manually enter the prescription number or scan the bar code of the existing prescription label. Then the user may 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, the system will immediately send the item to the Reject Worklist.

In a case where the NDC entered is not defined for the drug in the Drug File, 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 prompted 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 technician when processing. If the NDC change has prompted a claim reversal and produced a RTS/DUR rejection, the pharmacist will be presented with a Reject Processing screen at release.

### Example: Matched NDC:

Select ePharmacy Menu Option: NV    NDC Validation

Prescription: 101310                      DIPYRIDAMOLE 25MG TAB  
Rx: 101310                      Fill: 0                      Patient: OPPATIENT,ONE  
Drug: DIPYRIDAMOLE 25MG TAB                      NDC: 00597-0017-10  
Prescription label NDC: 00597-0017-10  
Stock NDC: 00597001710

NDC match confirmed

Prescription:

### Example: Non-matched NDC:

Prescription:    101341                      BIPERIDEN 2MG TAB  
Rx: 101341                      Fill: 0                      Patient: OPPATIENT,ONE  
Drug: BIPERIDEN 2MG TAB                      NDC: 00044-0120-05  
Prescription label NDC: 00044-0120-05  
Stock NDC: 00044012006  
Due to a change in NDC, a claims reversal and resubmission will be performed.

Prescription 101341 successfully submitted to ECME for claim generation.

Claim Status:

IN PROGRESS-Building the claim  
IN PROGRESS-Transmitting  
E PAYABLE

Prescription:

## ePharmacy Medication Profile Division Preferences

### [PSO PMP SITE PREFERENCES]

This option allows the user to specify certain settings that will control how the *ePharmacy Medication Profile* option works for that user. Below is the list of settings that can be specified through this option:

- **EXP/CANCEL CUTOFF:** Indicates the maximum number of days for an expired and/or discontinued prescription to be cut from the profile.
- **SORT BY:** Indicates the default sorting column. The options are: Rx#, Drug Name, Issue Date or Last Fill Date.
- **SORT ORDER:** Indicates the order in which the column above will be sorted: Ascending or Descending.
- **DISPLAY SIG:** Indicates whether the SIG should be displayed under each prescription or if it should be hidden.
- **GROUP BY STATUS:** Indicates whether the list should be grouped by status (Active, Discontinued, Hold, etc...) or not.
- **DISPLAY ORDER COUNT:** Indicates whether the number of orders under each group should be displayed besides the group name. Example \_\_\_\_\_ACTIVE (3 orders)\_\_\_\_\_

```
Select ePharmacy Menu Option: PF ePharmacy Medication Profile Division
Preferences
```

```
ALBANY ISC's current default view:
```

```
-----
```

```
EXP/CANCEL CUTOFF   : 200 DAYS
SORT BY             : Rx#
SORT ORDER          : ASCENDING
DISPLAY SIG         : ON
GROUP BY STATUS     : OFF
DISPLAY ORDER COUNT : OFF
```

```
Delete this default view? NO// <Enter>
```

```
EXP/CANCEL CUTOFF: 200// <Enter> DAYS
```

```
SORT BY: RX// <Enter> Rx#
```

```
SORT ORDER: ASCENDING// ^EXP
```

```
EXP/CANCEL CUTOFF: 200// 120 DAYS
```

```
SORT BY: RX// <Enter> Rx#
```

```
SORT ORDER: ASCENDING// <Enter>
```

```
DISPLAY SIG: ON// <Enter>
```

```
GROUP BY STATUS: OFF// <Enter>
```

```
DISPLAY ORDER COUNT: OFF//<Enter>
```

```
Saving...OK!
```



If there is a set of preferences already on file for the division the user is logged under, the option to delete such preferences is presented to the user as seen above.

## ePharmacy Site Parameters

The ePharmacy Site Parameters file (#52.86) has been added to store ePharmacy Site parameters by division. Along with this, a new EPHARMACY SITE PARAMETERS [PSO ePHARM SITE

PARAMETERS] option has been added to the existing ePharmacy Menu [PSO EPHARMACY MENU].



This new option requires the PSORPH security key.

The following site parameters are definable using this option:

- **ALLOW ALL REJECTS:** Requires a YES or NO answer. It is highly suggested that NO be answered at this prompt. Answering YES to this prompt will signify that all prescription fills with ePharmacy rejected claims will automatically be placed on the Third Party Payer Rejects - Worklist, also known as the Pharmacy Reject Worklist. This is in addition to Refill-Too-Soon (79), Drug Utilization Review (DUR/88) and TRICARE rejects which are automatically placed on the Pharmacy Reject Worklist. Any individually defined reject codes in this file will be overridden when a “YES” answer is given.
- **REJECT WORKLIST DAYS:** This is the number of days an uncommented reject can remain on the reject worklist without being included in the nightly reject worklist alert mail message.

The following prompts appear consecutively and the user may enter as many reject codes as they desire along with the manner in which each will be allowed to be placed on the reject worklist.

- **REJECT CODE:** A valid third party claim reject code should be entered. A listing of these codes is provided when double question marks (??) are entered for this prompt. Valid codes are contained within the BPS NCPDP REJECT CODES file (#9002313.93). Also, a value defined in this field triggers definition of USER field (#2) and DATE OF LAST UPDATE field (#3). Any individually defined codes will be overridden when the ALLOW ALL REJECTS prompt is answered as YES.
- **AUTO SEND:** This prompt is a companion to the REJECT CODE prompt. Enter YES to allow the entered REJECT CODE to be automatically placed on the Pharmacy Reject Worklist or NO to require Outpatient Pharmacy Electronic Claims Coordinator (OPECC) intervention to do so. A null value will be treated the same as entering NO in this field.

The following is an example of definition of ePharmacy Site Parameters:

```
Select ePharmacy Menu Option: SP   ePharmacy Site Parameters

Regardless of any parameters defined, Refill-Too-Soon, Drug Utilization
Review(DUR) and Tricare rejects will always be placed on the Third Party
Payer Rejects - Worklist, also known as Pharmacy Reject Worklist.  These
parameters are uneditable and are the default parameters.

Division: ALBANY ISC      500
          ...OK? Yes//    (Yes)

ALLOW ALL REJECTS: NO//
REJECT WORKLIST DAYS: 7
Select REJECT CODE: DAW ??

Select REJECT CODE: ??

  Choose from:    (The following are previously defined reject code(s))
22      M/I Dispense As Written (DAW)/Product Selection Co      YES

  You may enter a new REJECT CODE, if you wish

*** Enter a valid third party reject code from the previously entered codes
*** above, enter a new code, or enter one from the provided listing below.
*** Valid codes are those defined in BPS NCPDP REJECT CODES file (#9002313.93).

  A valid third party claim reject code should be entered.  A listing
    of these codes is provided when double question marks are entered
    for this field.

  Choose from:
10      M/I Patient Gender Code
11      M/I Patient Relationship Code
12      M/I Place of Service
13      M/I Other Coverage Code
14      M/I Eligibility Clarification Code
15      M/I Date of Service
16      M/I Prescription/Service Reference Number
17      M/I Fill Number
18      M/I Metric Quantity
19      M/I Days Supply
20      M/I Compound Code
21      M/I Product/Service ID
22      M/I Dispense As Written (DAW)/Product Selection Code
23      M/I Ingredient Cost Submitted
24      M/I SALES TAX
25      M/I Prescriber ID
26      M/I Unit Of Measure
27      (FUTURE USE)
      ^

Select REJECT CODE: 22      M/I Dispense As Written (DAW)/Product Selection C
ode
          ...OK? Yes//    (Yes)

CODE: 22//
AUTO SEND: NO// Y   YES
Select REJECT CODE: 75      Prior Authorization Required
          ...OK? Yes//    (Yes)

CODE: 75//
AUTO SEND: NO//
Select REJECT CODE:

Division:
```

## Third Party Payer Rejects - View/Process

### [PSO REJECTS VIEW/PROCESS]

This option provides information about rejects that have been on the Third Party Payer Rejects – Worklist. This option allows the user to find, display and reopen rejects previously resolved from the Third Party Payer Rejects – Worklist in order to take action on them again.

The user can choose to view rejects for one, multiple, or all Outpatient Pharmacy Divisions.

#### Example: Viewing and Resolving Open Rejects

```
Select ePharmacy Menu Option: VP Third Party Payer Rejects - View/Process

You may select a single or multiple DIVISIONS,
or enter ^ALL to select all DIVISIONS.

DIVISION: ^ALL
```

The user can select one of the following selections to filter the data displayed:

- **DATE RANGE:** Selects a date range (Default: Last 90 days).

```
BEGIN REJECT DATE: T-90// <Enter> (MAR 09, 2007)

END REJECT DATE: T// <Enter> (JUN 07, 2007)
```

- **(P)ATIENT:** Selects a single patient, multiple patients, or all patients.
- **(D)RUG:** Selects a single drug, multiple drugs, or all drugs.
- **(R)x:** Selects a single prescription number, or multiple prescription numbers.
- **(I)NSURANCE:** Selects a single insurance, multiple insurances, or all insurances.

```
Select one of the following:

P      PATIENT
D      DRUG
R      Rx
I      INSURANCE

By (P)atient, (D)rug, (R)x or (I)nsurance: P// INSURANCE

Enter the whole or part of the Insurance Company
name for which you want to view/process REJECTS.

INSURANCE: TEST INS
ANOTHER ONE: <Enter>
```

-----example continues-----

Next, the user can choose to display either Unresolved, Resolved, or Both types of rejects.

**Example: Viewing and Resolving Open Rejects (continued)**

```
Select one of the following:

      U      UNRESOLVED
      R      RESOLVED
      B      BOTH

(U)NRESOLVED, (R)RESOLVED or (B)OTH REJECT statuses: B// <Enter> BOTH
Please wait...
```

Rejects Processing Screen		Nov 21, 2005@08:27:37		Page: 1 of 1	
Divisions: ALL					
Selection: ALL REJECTS FOR TEST INS					
#	Rx#	PATIENT(ID) [^]	DRUG	REASON	
1	100003872	OPPATIENT,FOUR(1322P	A AND Z OINTMENT	DUR:	
Payer Message:					
2	100003873	OPPATIENT,FOUR(1322P	PHYTONADIONE 5MG TAB 79	:REFILL TOO SO	
Payer Message:					
3	100003873	OPPATIENT,FOUR(1322P	PHYTONADIONE 5MG TAB	DUR:	
Payer Message:					
4	100003785	OPPATIENT,TEN(3222)	ALBUMIN 5% 250ML	DUR:	
Payer Message:					
5	100003882	OPPATIENT,TEN(3222)	ALBUTEROL INHALER	DUR:	
Payer Message:					
6	100003884	OPPATIENT,TEN(3222)	TEMAZEPAM 15MG CAP	DUR:	
Payer Message:					
Select the entry # to view or ?? for more actions					
DR	Sort by Drug		RE	Sort by Reason	
PA	Sort by Patient		RF	Screen Refresh	
RX				Sort by Prescription	
GI				Group by Insurance	
Select: Quit//					

-----example continues-----

The following options are available on the screen above:

- DR – Sorts the list by the drug name.
- PA – Sorts the list by the patient's last name.
- RE – Sorts the list by the reject reason.
- RF – Refreshes the screen. (This selection retrieves DUR/ REFILL TOO SOON rejects that happened after the screen was originally populated.)
- RX – Sorts the list by Prescription number.
- GI – Groups the rejects by Insurance Company name.





The following two sets of characters denote the order by which the list is being ordered: [^] for ascending and [v] for descending. The order inverts every time the user selects the same column by which the list is already ordered. Thus, if the list is currently ordered by Patient in an ascending order ([^]) and the user types “PA”, the list will be re-sorted in descending order and the order indicator will change to ([v]).

The user selects a specific record to display all relevant information about the prescription and the claim submitted to the payer.

#### Example: Viewing and Resolving Open Rejects (continued)

Reject Information (UNRESOLVED) Nov 21, 2005@08:29:30		Page: 1 of 2
Division : ALBANY	NPI#: 1712884	
Patient : OPPATIENT, FOUR (000-01-1322P) Sex: M	DOB: JAN 13, 1922 (83)	
Rx# : 100003873/0	ECME#: 000000504455	Date of Service: Nov 15, 2005
<b>REJECT Information</b>		
Reject Type : 79 - REFILL TOO SOON	received on NOV 15, 2005@14:13:51	
Reject Status : OPEN/UNRESOLVED		
Payer Addl Msg : NEXT RFL 111805, DAYS TO RFL 3, LAST FILL 101805 AT YOUR PHARM, REFILL TOO SOON		
Reason Code : ER (OVERUSE PRECAUTION )		
DUR Text : RETAIL		
<b>OTHER REJECTS</b>		
29 - M/I Number Refills Authorized		
39 - M/I Diagnosis Code		
<b>INSURANCE Information</b>		
Insurance : TEST INS		
Contact : 1-800-555-5050		
Group Name : RXINS		
+ Enter ?? for more actions		
VW View Rx	IGN Ignore Reject	OVR Submit Override Codes
MP Medication Profile	RES Resubmit Claim	CSD Change Suspense Date
Select: Next Screen// <b>IGN</b> Ignore Reject		
-----example continues-----		

These options are available on the screen above:

- **VW (View)** – Takes the user to the *View Prescription* option to review details for that prescription.
- **MP (Medication Profile)** – Invokes the patient’s list of medication.
- **IGN (Ignore Reject)** – Allows the user to close or resolve the DUR/REFILL TOO SOON Reject without resubmission to the payer. The user will be required to enter a free-text comment and his/her electronic signature.
- **RES (Resubmit Claim)** – Allows the user to re-submit the claim to the payer. This will automatically mark the reject resolved.
- **OVR (Submit Override Codes)** – Allows the user to re-submit the claim by entering NCPDP override codes, which shall trigger a new claim submission be sent to the payer.
- **CSD (Change Suspense Date)** – Allows the user to change the fill date for suspended prescriptions. The user will not be allowed to enter a suspense date that is greater than the fill date plus 90 days. Dates where the fill date plus 90 days is greater than the expiration date will not be allowed entry, and dates prior to issue date will not be allowed.

**Hidden actions:**

- COM (Add Comments) – Allows the user to add reject-specific comments. These comments are local to the Reject Worklist and View/Process options and are not transmitted to ECME.
- CLA (Submit Clarif. Code) – Allows the user to re-submit a claim with Clarification Codes.
- ED (Edit Rx) – Allows the user to edit the prescription.
- PA (Submit Prior Auth.) – Allows the user to re-submit a claim with Prior Authorization information.
- ARI (View Addtnl Rej Info) – Allows the user to display additional reject information from the payer, if available.

**Example: Viewing and Resolving Open Rejects (continued)**

```
Enter your Current Signature Code:    SIGNATURE VERIFIED

Comments: Changed quantity

    When you confirm this REJECT will be marked RESOLVED.

Confirm? ? NO// Y YES                [Closing...OK]
```

The following is a sample of the ECME Activity Log update that occurs when a reject is resolved:

**Example: ECME Activity Log entry: Reject Resolved**

```
Rx Activity Log          Nov 21, 2005@09:43:33          Page:    3 of    3
OPPATIENT, FOUR
  PID: 000-01-1322P                      Ht (cm): _____ (_____)
  DOB: JAN 13,1922 (83)                  Wt (kg): _____ (_____)
+
1  11/15/05@14:13:52  ORIGINAL              OPPHARMACIST4, THREE
Comments: Submitted to ECME:REJECT WORKLIST-DUR OVERRIDE CODES (DD/M0/1B) -E
PAYABLE

ECME REJECT Log:
#   Date/Time Rcvd      Rx Ref      Reject Type      STATUS      Date/Time Resolved
=====
1   12/11/05@19:03:31   ORIGINAL    DUR              RESOLVED     12/12/05@16:45:21
Comments: CLAIM RE-SUBMITTED
2   5/30/06@19:13:57   REFILL 2    DUR              RESOLVED     5/31/06@15:58:32
Comments: CLAIM RE-SUBMITTED

Enter ?? for more actions

Select Action:Quit//
```

## Third Party Payer Rejects - Worklist

### [PSO REJECTS WORKLIST]

This option gives the user the ability to process Third Party Payer Rejects and TRICARE Non-billable rejects for one, multiple, or all Outpatient Pharmacy Divisions. Only OPEN/UNRESOLVED rejects that have clinical significance, such as DUR and Fill Too Soon, and rejects transferred from the ECME User Screen, are added to the Worklist. Once the reject is marked CLOSED/RESOLVED, it is automatically removed from the Worklist.

### Example: Resolving Open Rejects

Select Rx (Prescriptions) Option: **EPHARMACY** Menu

```

IR      Ignored Rejects Report
MP      ePharmacy Medication Profile (View Only)
NV      NDC Validation
PF      ePharmacy Medication Profile Division Preferences
SP      ePharmacy Site Parameters
VP      Third Party Payer Rejects - View/Process
WL      Third Party Payer Rejects - Worklist
TC      TRICARE Bypass/Override Report
  
```

Select ePharmacy Menu Option: **WL** Third Party Payer Rejects - Worklist

You may select a single or multiple DIVISIONS,  
or enter ^ALL to select all DIVISIONS.

DIVISION: **^ALL**

Insurance Rejects - Worklist Nov 09, 2010@11:24:10 Page: 1 of 1

Divisions: ALL

Selection: ALL UNRESOLVED REJECTS

#	Rx#	PATIENT (ID) [^]	DRUG	REASON
1	100003521	OPPATIENT,TWELVE(5444)	ACETYLCYSTEINE 20% 3 79	:REFILL TOO SO
Payer Message: PLAN = 8906 NEXT FILL: 20050429				
2	100003521	OPPATIENT,TWELVE(5444)	ACETYLCYSTEINE 20% 3 79	:REFILL TOO SO
Payer Message: RTS - Rx: 9306343 DT: 31-MAR-2005 DS: 30 RD: 23-APRIL 2005				
3	100003872	OPPATIENT,FOUR(1322P)	A AND Z OINTMENT	DUR:
Payer Message: DUR Reject Error				
<b>TRICARE - Non-DUR/RTS</b>				
4	101359	OPTRICARE,ONE(7894)	BACLOFEN 10MG TABS	07 :M/I Cardholde
Payer Message:				
5	100924	OPTRICARE,TRI(4932)	LORAZEPAM 1MG TAB	07 :M/I Cardholde
Payer Message:				
<b>OTHER REJECTS</b>				
6	101173	IBPATIENT,ONE(9877)	FENOPROFEN 300MG CAP	08 :M/I Person Co
Payer Message:				
7	101130	OPPATIENT,ONE(4589)	CHLORAMBUCIL 2MG TAB NN	:Transaction R
Payer Message:				

Select the entry # to view or ?? for more actions

```

DR  Sort by Drug      RE  Sort by Reason      RX  Sort by Prescription
PA  Sort by Patient   RF  Screen Refresh      GI  Group by Insurance
Select: Quit// 3
  
```

-----example continues-----

These options are available on the following screen:

- VW (View) – Takes the user to the *View Prescription* option to review details for that prescription.
- MP (Medication Profile) – Invokes the patient’s list of medication.
- IGN (Ignore Reject) – Allows the user to close or resolve the DUR/REFILL TOO SOON Reject without resubmission to the payer. The user will be required to enter a free-text comment and his/her electronic signature.
- RES (Resubmit Claim) – Allows the user to re-submit the claim to the payer. This will automatically mark the reject resolved.
- OVR (Submit Override Codes) – Allows the user to re-submit the claim by entering NCPDP override codes, which shall trigger a new claim submission be sent to the payer.
- CSD (Change Suspense Date) – Allows the user to change the fill date for suspended prescriptions.

#### Example: Resolving Open Rejects (continued)

Reject Information (UNRESOLVED) Nov 21, 2005@09:51:15		Page: 1 of 1
Division : ALBANY	NPI#: 1712884	
Patient : OPPATIENT, FOUR (000-01-1322P) Sex: M	DOB: JAN 13, 1922 (83)	
Rx# : 100003872/0	ECME#: 000000504454	Date of Service: Nov 15, 2005
<u>REJECT Information</u>		
Reject Type : 88 - DUR REJECT	received on NOV 15, 2005@14:11:51	
Reject Status : OPEN/UNRESOLVED		
Payer Addl Msg : DUR Reject Error		
Reason Code : UNNECESSARY DRUG		
DUR Text : RETAIL		
<u>INSURANCE Information</u>		
Insurance : TEST INS		
Contact :		
Group Name : RXINS		
Group Number : 12454		
Cardholder ID : 000011322P		
Enter ?? for more actions		
VW View Rx	IGN Ignore Reject	OVR Submit Override Codes
MP Medication Profile	RES Resubmit Claim	CSD Change Suspense Date
Select: Quit//	<b>OVR</b> Override Reject	
-----example continues-----		

When a claim is rejected, typically the Payer provides a “Reason for Service Code”, which displays on the reject as “Reason Code”. The user can use this reason to then select which code is entered for “Professional Service Code” and “Result of Service Code”.

Available codes for “Professional Service Code” include:

<b><u>Code</u></b>	<b><u>Description</u></b>
00	NO INTERVENTION
AS	PATIENT ASSESSMENT
CC	COORDINATION OF CARE
DE	DOSING EVALUATION/DETERMINATION
FE	FORMULARY ENFORCEMENT
GP	GENERIC PRODUCT SELECTION
M0	PRESCRIBER CONSULTED
MA	MEDICATION ADMINISTRATION
MR	MEDICATION REVIEW
P0	PATIENT CONSULTED
PE	PATIENT EDUCATION/INSTRUCTION
PF	PATIENT REFERRAL
PH	PATIENT MEDICATION HISTORY
PM	PATIENT MONITORING
R0	PHARMACIST CONSULTED OTHER SOURCE
RT	RECOMMENDED LABORATORY TEST
SC	SELF-CARE CONSULTATION
SW	LITERATURE SEARCH/REVIEW
TC	PAYER/PROCESSOR CONSULTED
TH	THERAPEUTIC PRODUCT INTERCHANGE

Available codes for “Result of Service Code” include:

<b><u>Code</u></b>	<b><u>Description</u></b>
00	NOT SPECIFIED
1A	FILLED AS IS, FALSE POSITIVE
1B	FILLED PRESCRIPTION AS IS
1C	FILLED, WITH DIFFERENT DOSE
1D	FILLED, WITH DIFFERENT DIRECTIONS
1E	FILLED, WITH DIFFERENT DRUG
1F	FILLED, WITH DIFFERENT QUANTITY
1G	FILLED, WITH PRESCRIBER APPROVAL
1H	BRAND-TO-GENERIC CHANGE
1J	RX-TO-OTC CHANGE
1K	FILLED, WITH DIFFERENT DOSAGE FORM
2A	PRESCRIPTION NOT FILLED
2B	NOT FILLED, DIRECTIONS CLARIFIED
3A	RECOMMENDATION ACCEPTED
3B	RECOMMENDATION NOT ACCEPTED
3C	DISCONTINUED DRUG
3D	REGIMEN CHANGED
3E	THERAPY CHANGED
3F	THERAPY CHANGED - COST INCREASE ACKNOWLEDGED
3G	DRUG THERAPY UNCHANGED
3H	FOLLOW-UP REPORT
3J	PATIENT REFERRAL
3M	COMPLIANCE AID PROVIDED

### Example: Resolving Open Rejects (continued)

```
Professional Service Code: MR          MEDICATION REVIEW
Result of Service Code   : 1D          FILLED, WITH DIFFERENT DIRECTIONS

Reason for Service Code  : NN - UNNECESSARY DRUG
Professional Service Code: MR - MEDICATION REVIEW
Result of Service Code   : 1D - FILLED, WITH DIFFERENT DIRECTIONS

When you confirm, a new claim will be submitted for
the prescription and this REJECT will be marked
resolved.

Confirm? ? YES// <Enter>

Prescription 100003872 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
```

The following is a sample of the ECME Activity Log update that occurs when a reject is resolved.

### Example: ECME Activity Log entry: Reject Resolved

```
Rx Activity Log          Nov 21, 2005@11:11:53          Page:    3 of    3
OPPATIENT, FOUR
  PID: 000-01-1322P          Ht (cm): _____ (_____)
  DOB: JAN 13,1922 (83)      Wt (kg): _____ (_____)
+
#   Date/Time          Rx Ref          Initiator Of Activity
=====
ECME Log:
1   11/15/05@14:08:35   ORIGINAL          OPPHARMACIST4,THREE
Comments: ECME: WINDOW FILL(NDC: 00085-0096-04)-pOPP INSURANCE
2   11/21/05@11:01:37   ORIGINAL          OPPHARMACIST4,THREE
Comments: ECME: DUR OVERRIDE CODES(MR/NN/1D)-pOPP INSURANCE

ECME REJECT Log:
#   Date/Time Rcvd          Rx Ref          Reject Type          STATUS          Date/Time Resolved
=====
1   12/11/05@19:03:31      ORIGINAL          DUR                  RESOLVED         12/12/05@16:45:21
Comments: CLAIM RE-SUBMITTED
2   5/30/06@19:13:57      REFILL 2          DUR                  RESOLVED         5/31/06@15:58:32
Comments: CLAIM RE-SUBMITTED

Enter ?? for more actions

Select Action:Quit//
```

The following is an example of a prescription being resolved for prior authorization submission.

**Example: Prior Authorization Submission**

```
Reject Information (UNRESOLVED) Nov 21, 2005@09:51:15      Page: 1 of 1
Division : ALBANY                                         NPI#: 1712884
Patient  : OPPATIENT,FOUR(000-01-1322P) Sex: M           DOB: JAN 13,1922(83)
Rx#      : 100003872/0      ECME#: 000000504454Date of Service: Nov 15, 2005

REJECT Information .
Reject Type      : 88 - DUR REJECT received on NOV 15, 2005@14:11:51
Reject Status    : OPEN/UNRESOLVED
Payer Addl Msg   : DUR Reject Error
Reason Code      : UNNECESSARY DRUG
DUR Text         : RETAIL

INSURANCE Information .
Insurance        : TEST INS
Contact          :
Group Name       : RXINS
Group Number     : 12454
Cardholder ID    : 000011322P

Enter ?? for more actions
VW View Rx      IGN Ignore Reject      OVR Submit Override Codes
MP Medication Profile RES Resubmit Claim CSD Change Suspense
Select: Quit// ??

The following actions are also available:
COM Add Comments DN Down a Line PS Print Screen
CLA Submit Clarif. Code UP Up a Line PT Print List
ED Edit Rx FS First Screen SL Search List
PA Submit Prior Auth. LS Last Screen ADPL Auto Display (On/Off)
+ Next Screen GO Go to Page QU Quit
- Previous Screen
RD Re Display Screen ARI View Addtnl Rej Info

Select: Quit// PA Send Prior Auth.

Prior Authorization Type: 0// ?

Choose from:
0 NOT SPECIFIED
1 PRIOR AUTHORIZATION #
2 ML-MEDICAL CERTIFIED
3 EPSDT
4 EXEMPT FROM COPAY
5 EXEMPT FROM RX LIMITS
6 FAMILY PLANNING
7 AFDC
8 PAYER DEFINED EXEMPTION

-----example continues-----
```

### Example: Prior Authorization Submission (continued)

```
Prior Authorization Type: 0// 1 PRIOR AUTHORIZATION #
Prior Authorization Number: 12345678901

When you confirm, a new claim will be submitted for
the prescription and this REJECT will be marked
resolved.

Confirm? ? YES// <Enter>

Prescription 787480 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
```

### Example: Clarification Code Submission

The following is an example of a prescription being resolved for clarification code submission.

```
Reject Information (UNRESOLVED) Nov 21, 2005@09:51:15      Page: 1 of 1
Division : ALBANY                                         NPI#: 1712884
Patient  : OPPATIENT, FOUR (000-01-1322P) Sex: M         DOB: JAN 13, 1922 (83)
Rx#      : 100003872/0      ECME#: 000000504454 Date of Service: Nov 15, 2005

REJECT Information .
Reject Type   : 88 - DUR REJECT received on NOV 15, 2005@14:11:51
Reject Status : OPEN/UNRESOLVED
Payer Addl Msg : DUR Reject Error
Reason Code   : UNNECESSARY DRUG
DUR Text      : RETAIL

INSURANCE Information .
Insurance     : TEST INS
Contact       :
Group Name    : RXINS
Group Number  : 12454
Cardholder ID : 000011322P

Enter ?? for more actions
VW View Rx          IGN Ignore Reject          OVR Submit Override Codes
MP Medication Profile RES Resubmit Claim      CSD Change Suspense
Select: Quit// ??

The following actions are also available:
COM Add Comments    DN Down a Line           PS Print Screen
CLA Submit Clarif. Code UP Up a Line          PT Print List
ED Edit Rx          FS First Screen           SL Search List

-----example continues-----
```



PA	Submit Prior Auth.	LS	Last Screen	ADPL	Auto Display (On/Off)
+	Next Screen	GO	Go to Page	QU	Quit
-	Previous Screen	RD	Re Display Screen	ARI	View Addtnl Rej Info
-----example continues-----					

*(This page included for two-sided copying.)*

### Example: Clarification Code Submission (continued)

```
Select: Quit// CLA   Submit Clarif. Code

Submission Clarification Code 1: ?

Choose from:
0      NOT SPECIFIED
1      NO OVERRIDE
2      OTHER OVERRIDE
3      VACATION SUPPLY
4      LOST PRESCRIPTION
5      THERAPY CHANGE
6      STARTER DOSE
7      MEDICALLY NECESSARY
8      PROCESS COMPOUND
9      ENCOUNTERS
99     OTHER

Submission Clarification Code 1: 3  VACATION SUPPLY

Submission Clarification Code 2: 5  THERAPY CHANGE

Submission Clarification Code 3: 4  LOST PRESCRIPTION

    When you confirm, a new claim will be submitted for
    the prescription and this REJECT will be marked
    resolved.

    Confirm? ? YES//  <Enter>

Prescription 787480 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
```

### Example: Rejected Prescription –Adding Comments

The following is an example of comments added to a rejected prescription.

```
Select: Quit// ??

The following actions are also available:
COM Add Comments          DN Down a Line          PS Print Screen
CLA Submit Clarif. Code  UP Up a Line            PT Print List
ED Edit Rx                FS First Screen          SL Search List
PA Submit Prior Auth.    LS Last Screen           ADPL Auto Display (On/Off)
+ Next Screen            GO Go to Page           QU Quit
- Previous Screen        RD Re Display Screen    ARI View Addtnl Rej Info
Select: Quit// COM      Add Comments
```

```
Comment: ALREADY CALLED INSURANCE COMPANY AND THEY WILL GET
        BACK TO ME ON MONDAY.
```

```
Reject Information (UNRESOLVED) Nov 21, 2005@09:51:15      Page: 1 of 1
Division : ALBANY                                         NPI#: 1712884
Patient  : OPPATIENT, FOUR (000-01-1322P) Sex: M         DOB: JAN
13,1922 (83)
Rx#      : 100003872/0      ECME#: 000000504454 Date of Service: Nov 15, 2005
```

#### REJECT Information

```
Reject Type      : 88 - DUR REJECT received on NOV 15, 2005@14:11:51
Reject Status    : OPEN/UNRESOLVED
Payer Addl Msg   : DUR Reject Error
Reason           : UNNECESSARY DRUG
DUR Text         : RETAIL
```

#### COMMENTS

```
- JUN 2, 2007@2:30:10 - ALREADY CALLED INSURANCE COMPANY AND THEY WILL GET
  BACK TO ME ON MONDAY (OPUSER, ONE)
```

#### INSURANCE Information

```
Insurance       : TEST INS
Contact         :
Group Name      : RXINS
Group Number    : 12454
Cardholder ID   : 000011322P
```

Enter ?? for more actions

```
VW View Rx          IGN Ignore Reject          OVR Submit Override Codes
MP Medication Profile  RES Resubmit Claim    CSD Change Suspense
Select: Quit//
```

The following is an example of the Additional Reject Information display for a prescription.

```
-----example continues-----
```

### Example: Clarification Code Submission (continued)

```
Additional Reject Info      Aug 02, 2011@12:26:32      Page:      2 of      8

Division : CHEYENNE VAM&ROC                                NPI#: 4020000012
Patient  : ECMETEST,JCH(5454) Sex: M                      DOB: JAN 2,1968(43)
Rx#      : 2054809/1      ECME#: 1614676      Date of Service: Jun 08, 2011
+
Previous Date of Fill:
Quantity of Previous Fill: 9999999987
Database Indicator: OTHER
Other Prescriber Indicator: OTHER PRESCRIBER
DUR Text: ABCDEFGHIJKLMNOPQRSTUVWXYZABCD
DUR Add Text:

DUR Response: 2
Reason Code: TD (THERAPEUTIC )
Clinical Significance Code: MINOR
Other Pharmacy Indicator: OTHER PHARMACY SAME CHAIN
Previous Date of Fill: July 15, 2011
Quantity of Previous Fill: 0000090000
Database Indicator: OTHER
+      Enter ?? for more actions

Select Action:Next Screen//
```

One important advantage of having the additional DUR information is the inclusion of the PPS Response information. The information in red above can be used to calculate the next fill date when resolving DUR rejects where the next date of fill is not returned by the payer. The use of this information eliminates a call to the third party in these cases.

## TRICARE Bypass/Override Report

### [PSO Bypass/Override Report]

This option provides information in a detail or summary report format that will list prescriptions where the Bypass or Override was performed to enable processing of these TRICARE prescriptions. The user has the ability to list TRICARE (I)npatient; TRICARE (N)on-Billable Product; TRICARE (R)eject Override; or (A)ll. Besides allowing the selection of all types, the report allows the selection of one or two types. For example, the user can select Non-billable and Reject for the same report.

- Date of Action (user-defined date range)
- Summary or Detail
- Subtotals of number of Rxs and bill cost available by Pharmacist or Provider
- Grand total number of Rxs contained in the report
- Grand total bill cost of the Rxs contained in the report



This menu option is locked with the PSO TRICARE MGR security key.

### Example: Accessing the TRICARE Bypass/Override Report

```
Select Rx (Prescriptions) Option: epharmacy Menu
```

IR	Ignored Rejects Report
MP	ePharmacy Medication Profile (View Only)
NV	NDC Validation
PF	ePharmacy Medication Profile Division Preferences
SP	ePharmacy Site Parameters
VP	Third Party Payer Rejects - View/Process
WL	Third Party Payer Rejects - Worklist
TC	TRICARE Bypass/Override Report

```
You've got PRIORITY mail!
```

```
Select ePharmacy Menu Option: TC TRICARE Bypass/Override Report
```

```
Select one of the following:
```

D	DIVISION
A	ALL

```
Select Certain Pharmacy (D)ivisions or (A)LL:
```

## Example: TRICARE Bypass/Override Report Filters and Data Elements

```
Select one of the following:
      D      DIVISION
      A      ALL
Select Certain Pharmacy (D)ivisions or (A)LL: DIVISION
Select ECME Pharmacy Division(s): BATTLE CREEK
  Selected:
      BATTLE CREEK
Select ECME Pharmacy Division(s): GRAND RAPIDS      MI      CBOC      515BY      VA GRAND RAPIDS OPC      515BY
VA GRAND RAPIDS OPC
  Selected:
      BATTLE CREEK
      VA GRAND RAPIDS OPC
Select ECME Pharmacy Division(s):
  Select one of the following:
      S      Summary
      D      Detail
Display (S)ummary or (D)etail Format: Detail//

START WITH A ACTION DATE: T-1// T-10  (APR 30, 2010)
GO TO ACTION DATE: T// T-9  (MAY 01, 2010)

      Select one of the following: ** The user will be able to select multiples -- limit of two**
      I      TRICARE INPATIENT
      N      TRICARE NON-BILLABLE
      R      TRICARE REJECT OVERRIDE
      A      ALL
Include TRICARE (I)npatient, TRICARE (N)on-Billable, TRICARE (R)eject or (A)ll: <no default>
  Select one of the following:
      S      Specific Pharmacist(s)
      A      ALL Pharmacists
Select Specific Pharmacist(s) or include ALL Pharmacists: ALL//
  Select one of the following:
      S      Specific Provider(s)
      A      ALL Providers
Select Specific Provider(s) or include ALL Providers: ALL//

Group/Subtotal Report by Pharmacy (R)Pharmacist or (P)rovider: <no default>

Do you want to capture report data for an Excel document? NO//
WARNING - THIS REPORT REQUIRES THAT A DEVICE WITH 132 COLUMN WIDTH BE USED.

IT WILL NOT DISPLAY CORRECTLY USING 80 COLUMN WIDTH DEVICES
DEVICE: HOME// 0;132;99  INCOMING TELNET

Please wait...
```

**\*\* When selecting from above, Specific Pharmacist (s), the user will be able to continue selecting Pharmacist (s) as necessary. This filter will have the same functionality as the Division/Insurance Company selection filters.**

**\*\* When selecting from above, Specific Provider (s), the user will be able to continue selecting Provider (s) as necessary. This filter will have the same functionality as the Division/Insurance Company selection filters.**



## Example of TRICARE Audit Report Summary

```

TRICARE BYPASS/OVERRIDE AUDIT REPORT - SUMMARY Print Date: NOV 10, 2010@10:05:26
DIVISION(S): ALL
TC TYPES: TRICARE INPATIENT, TRICARE NON-BILLABLE PRODUCT, TRICARE REJECT OVERRIDE
ALL PRESCRIPTIONS BY AUDIT DATE: From 10/31/10 through 11/10/10
=====
-----
DIVISION: DIVISION ONE
***** TRICARE INPATIENT *****

TRICARE INPATIENT
SUBTOTALS                11.93
RX COUNT                  1
MEAN                      11.93

***** TRICARE NON-BILLABLE PRODUCT *****

PHARMACIST: OPPHARM, ONE  -----
SUB-TOTALS                8.03
RX COUNT                  1
MEAN                      8.03

TRICARE NON-BILLABLE PRODUCT
SUBTOTALS                8.03
RX COUNT                  1
MEAN                      8.03

***** TRICARE REJECT OVERRIDE *****

PHARMACIST: OPPHARM, TWO  -----
SUB-TOTALS                29.17
RX COUNT                  3
MEAN                      9.72

PHARMACIST: OPPHARM, THREE -----
SUB-TOTALS                10.38
RX COUNT                  1
MEAN                      10.38

TRICARE REJECT OVERRIDE
SUBTOTALS                39.55
RX COUNT                  4
MEAN                      9.89

```

```
DIVISION DIVISION ONE      -----
SUBTOTALS                  59.51
RX COUNT                   6
MEAN                       9.92
                           -----
GRAND TOTALS               59.51
RX COUNT                   6
MEAN                       9.92
                           -----
REPORT HAS FINISHED
Press Return to continue, '^' to exit:
```

## Example of TRICARE Bypass/Override Audit Report Detail

```

TRICARE BYPASS/OVERRIDE AUDIT REPORT -    DETAIL Print Date: OCT 31, 2010@11:59:22
DIVISION(S): DIVISION ONE, DIVISION TWO
TC TYPES: INPATIENT, NON-BILLABLE PRODUCT, REJECT OVERRIDE    By Division
ALL PRESCRIPTIONS BY ACTION DATE: From 09/01/10 through 09/30/10
=====
BENEFICIARY NAME/ID      RX#      REF/ECME#      RX DATE      RX INFO
ACTION DATE      USER NAME      $BILLED      QTY      NDC#      DRUG
=====
-----
DIVISION: DIVISION ONE
*****      TRICARE INPATIENT      *****

OPPATIENT,TRIONE/XXXX      10750XXXX$      0/000009300XXX      09/10/10      C RT AC/N
09/10/10      POSTMASTER      45.00      180      06XXX-3XXX-XX      METFORMIN HCL 500MG TAB
TRICARE Inpatient/Discharge

      TRICARE INPATIENT
      SUBTOTALS      45.00
      RX COUNT      1
      MEAN      45.00

*****      TRICARE NON-BILLABLE PRODUCT*****

OPPATIENT,TRITWO/XXXX      1075XXXXX$      0/00000930XXXX      09/10/10      C RT AC/N
09/10/10      OPPhARM,ONE      20.00      180      06XXX-3XXX-XX      DOCUSATE NA 100MG CA
eT TRICARE DRUG NOT BILLABLE
Fill Per Provider

      OPPhARM,ONE
      SUB-TOTALS      20.00
      RX COUNT      1
      MEAN      20.00

      TRICARE NON-BILLABLE PRODUCT
      SUBTOTALS      20.00
      RX COUNT      1
      MEAN      20.00

*****      TRICARE REJECT OVERRIDE      *****

OPPATIENT,TRIFOUR/XXXX      107XXXX0B$      0/00000930XXXX      09/10/10      C RT AC/N
09/10/10      OPPhARM,ONE      20.00      180      06524-3288-09      DOCUSATE NA 100MG CA
50:Non-Matched Pharmacy Number
25:M/I Prescriber ID

```

OPHARM, ONE					
SUB-TOTALS		20.00			
RX COUNT		1			
MEAN		20.00			
TRICARE REJECT					
SUBTOTALS		20.00			
RX COUNT		1			
MEAN		20.00			
DIVISION: DIVISION ONE		-----			
SUBTOTALS		85.00			
RX COUNT		3			
MEAN		28.33			
-----					
DIVISION: DIVISION TWO					
***** TRICARE INPATIENT *****					
OPPATIENT, TRISIX/XXXX	107XXXXXX\$	0/00000930XXXX	09/10/10	C RT AC/N	
09/10/10 POSTMASTER		10.00	180	06XXX-XXXX-XX	METFORMIN HCL 500MG TAB
PATIENT IS CURRENTLY ON A WEEKEND PASS AND WILL RETURN ON MONDAY 09/13/2010.					
OPPATIENT, TRISEVEN/XXXX	107XXXXXB\$	0/0000093XXXXX	09/10/10	C RT AC/N	
09/10/10 POSTMASTER		40.00	180	06XXX-XXXX-XX	METFORMIN HCL 500MG TAB
PATIENT IS CURRENTLY ON A WEEKEND PASS AND WILL RETURN ON MONDAY 09/13/2010.					
TRICARE INPATIENT					
SUB-TOTALS		50.00			
RX COUNT		2			
MEAN		50.00			
***** TRICARE NON-BILLABLE PRODUCT *****					
OPPATIENT, TRIEIGHT/XXXX	107XXXXXX\$	0/000009300XXX	09/10/10	C RT AC/N	
09/10/10 OPPHARM, THREE		60.00	180	06XXX-3XXX-XX	DOCUSATE NA 100MG CA
eT TRICARE DRUG NOT BILLABLE					
Fill Per Provider					
OPHRAM, THREE					
SUBTOTALS		60.00			
RX COUNT		1			
MEAN		60.00			
TRICARE NON-BILLABLE PRODUCT					
SUBTOTALS		60.00			
RX COUNT		1			
MEAN		60.00			

```

***** TRICARE REJECT OVERRIDE *****
OPPATIENT,TRININE/XXXX      107XXXXXX$      0/00000930XXXX      09/10/10      C RT AC/N
09/10/10 OPHARM,TWO          20.00          180          06XXX-XXXX-XX      METFORMIN HCL 500MG TAB
Claim ID: VA2005-056XXXX-XXXXXX-0007XXX
50:Non-Matched Pharmacy Number
25:M/I Prescriber ID

      OPPHARM,TWO
      SUBTOTALS                20.00
      RX COUNT                  1
      MEAN                      20.00

      TRICARE REJECT
      SUBTOTALS                20.00
      RX COUNT                  1
      MEAN                      20.00

DIVISION: DIVISION TWO      -----
SUBTOTALS                  130.00
RX COUNT                    4
MEAN                        36.67
                        -----
GRAND TOTALS                215.00
RX COUNT                    7
MEAN                        30.71
                        =====

REPORT HAS FINISHED

Press RETURN to continue:

```

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### TRICARE Reject Processing

The Third Party Payer Rejects - Worklist [PSO REJECTS WORKLIST] and Third Party Payer Rejects - View/Process [PSO REJECTS VIEW/PROCESS] options have been modified in the following manner:

- **Display of non-DUR/RTS rejects**
- Non-DUR/RTS TRICARE rejections will be segregated at the end of the displayed information. They will be denoted with a "TRICARE - Non-DUR/RTS" header. This header remains regardless of whether the GI - Group by Insurance action is toggled on or off. The TRICARE section sorts in the same manner as the main sort for non-TRICARE prescriptions (by Rx, drug, patient).

Insurance Rejects-Worklist		Aug 13, 2008@16:04:05		Page: 1 of 1	
Division : ALBANY ISC					
Selection : ALL UNRESOLVED REJECTS					
#	Rx#	PATIENT (ID) [^]	DRUG	REASON	
1	101238	ECMEIBTEST,ONE(5566)	MEDROXYPROGESTRONE 1	79	:REFILL TOO SO
Payer Message:					
2	100739	ECMEPAT,TWO(8887)	BENZTROPINE 2MG TAB	79	:REFILL TOO SO
Payer Message:					
3	101960	OPTRICARE,ONE(4789)	ACETAZOLAMIDE 250MG	79	:REFILL TOO SO
Payer Message:					
TRICARE - Non-DUR/RTS					
4	101980	OPTRICARE,ONE(4789)	DANTROLENE 25MG CAP	14	:M/I Eligibili
Payer Message:					
Select the entry # to view or ?? for more actions					
DR	Sort by Drug	RE	Sort by Reason	RX	Sort by Prescription
PA	Sort by Patient	RF	Screen Refresh	GI	Group by Insurance
Select: Quit//					

- TRICARE DUR/RTS rejects displays with all other DUR/RTS rejects. See the boxed text in the example below. Sequence 4 and 6 are rejects for the same prescription. Also note that in the following example GI - Group by Insurance action is toggled OFF.

Insurance Rejects-Worklist		Aug 13, 2008@16:10:22		Page: 1 of 1	
Division : ALBANY ISC					
Selection : ALL UNRESOLVED REJECTS					
#	Rx#	PATIENT(ID) [^]	DRUG	REASON	
1	101238	ECMEIBTEST,ONE(5566)	MEDROXYPROGESTRONE 1	79	:REFILL TOO SO
Payer Message:					
2	100739	ECMEPAT,TWO(8887)	BENZTROPINE 2MG TAB	79	:REFILL TOO SO
Payer Message:					
3	101960	OPTRICARE,ONE(4789)	ACETAZOLAMIDE 250MG	79	:REFILL TOO SO
Payer Message:					
4	101981	OPTRICARE,ONE(4789)	ATENOLOL 100MG TAB	79	:REFILL TOO SO
Payer Message:					
TRICARE - Non-DUR/RTS					
5	101980	OPTRICARE,ONE(4789)	DANTROLENE 25MG CAP	14	:M/I Eligibili
Payer Message:					
6	101981	OPTRICARE,ONE(4789)	ATENOLOL 100MG TAB	14	:M/I Eligibili
Payer Message:					

```

Select the entry # to view or ?? for more actions
DR  Sort by Drug          RE  Sort by Reason          RX  Sort by Prescription
PA  Sort by Patient       RF  Screen Refresh          GI  Group by Insurance
Select: Quit//
```

When GI - Group by Insurance action is toggled ON, the header "TRICARE" displays, and this "TRICARE" section sorts alphabetically within RTS/DUR insurances. This TRICARE section is separate from the Non-DUR/RTS section that displays at the end of the listing.



### Example with GI action toggled on:

```

Insurance Rejects-Worklist      Aug 13, 2008@16:12:46      Page:      1 of      1
Division      : ALBANY ISC
Selection      : ALL UNRESOLVED REJECTS GROUPED BY INSURANCE
# R# #      PATIENT (ID) [^]      DRUG      REASON
      BLUE CROSS BLUE SHIELD
1 100739      ECMEPAT,TWO(8887)      BENZTROPINE 2MG TAB  79 :REFILL TOO SO
Payer Message:
      TRICARE
2 101960      OPTRICARE,ONE(4789)      ACETAZOLAMIDE 250MG  79 :REFILL TOO SO
Payer Message:
      ZENITH ADMINISTRATORS
2 101238      ECMEIBTEST,ONE(5566)      MEDROXYPROGESTRONE 1  79 :REFILL TOO SO
Payer Message:
4 101981      OPTRICARE,ONE(4789)      ATENOLOL 100MG TAB   79 :REFILL TOO SO
Payer Message:
      TRICARE - Non-DUR/RTS
5 101980      OPTRICARE,ONE(4789)      DANTROLENE 25MG CAP  14 :M/I Eligibili
Payer Message:
6 101981      OPTRICARE,ONE(4789)      ATENOLOL 100MG TAB   14 :M/I Eligibili
Payer Message:
      Select the entry # to view or ?? for more actions
DR  Sort by Drug      RE  Sort by Reason      RX  Sort by Prescription
PA  Sort by Patient    RF  Screen Refresh      GI  Group by Insurance
Select: Quit//

```

The new TRI - Show/Hide Tricare toggle action has been added to the hidden menu on the Insurance Rejects screen. When toggled to Show, TRICARE Non-DUR/RTS rejects will automatically display at the end of the listing. Toggling the TRI action to Hide will remove them from the screen.

### Example with TRICARE rejects displayed:

```

Insurance Rejects-Worklist      Aug 13, 2008@16:04:05      Page:      1 of      1
Division      : ALBANY ISC
Selection      : ALL UNRESOLVED REJECTS
# R# #      PATIENT (ID) [^]      DRUG      REASON
      BLUE CROSS BLUE SHIELD
1 101238      ECMEIBTEST,ONE(5566)      MEDROXYPROGESTRONE 1  79 :REFILL TOO SO
Payer Message:
2 100739      ECMEPAT,TWO(8887)      BENZTROPINE 2MG TAB  79 :REFILL TOO SO
Payer Message:
3 101960      OPTRICARE,ONE(4789)      ACETAZOLAMIDE 250MG  79 :REFILL TOO SO
Payer Message:
      TRICARE - Non-DUR/RTS
4 101980      OPTRICARE,ONE(4789)      DANTROLENE 25MG CAP  14 :M/I Eligibili
Payer Message:
      Select the entry # to view or ?? for more actions
DR  Sort by Drug      RE  Sort by Reason      RX  Sort by Prescription
PA  Sort by Patient    RF  Screen Refresh      GI  Group by Insurance
Select: Quit// ??
The following actions are also available:
TRI Show/Hide Tricare      FS  First Screen      PT  Print List
+  Next Screen      LS  Last Screen      SL  Search List
-  Previous Screen      GO  Go to Page      ADPL Auto Display(On/Off)
UP  Up a Line      RD  Re Display Screen      QU  Quit
DN  Down a Line      PS  Print Screen
Enter RETURN to continue or '^' to exit:

```

### Example of TRICARE rejects removed from display:

```
Insurance Rejects-Worklist      Aug 13, 2008@16:04:05      Page:      1 of      1
Division      : ALBANY ISC
Selection      : ALL UNRESOLVED REJECTS

# Rx#          PATIENT (ID)  [^]          DRUG          REASON
1 101238      ECMEIBTEST,ONE(5566)      MEDROXYPROGESTRONE 1 79 :REFILL TOO SO
Payer Message:
2 100739      ECMEPAT,TWO(8887)          BENZTROPINE 2MG TAB  79 :REFILL TOO SO
Payer Message:
3 101960      OPTRICARE,ONE(4789)          ACETAZOLAMIDE 250MG  79 :REFILL TOO SO
Payer Message:

Select the entry # to view or ?? for more actions
DR  Sort by Drug      RE  Sort by Reason      RX  Sort by Prescription
PA  Sort by Patient    RF  Screen Refresh      GI  Group by Insurance
Select: Quit// ??
The following actions are also available:
TRI  Show/Hide Tricare  FS  First Screen      PT  Print List
+  Next Screen          LS  Last Screen      SL  Search List
-  Previous Screen      GO  Go to Page      ADPL Auto Display (On/Off)
UP  Up a Line           RD  Re Display Screen  QU  Quit
DN  Down a Line         PS  Print Screen

Enter RETURN to continue or '^' to exit:
```

- **Processing of TRICARE Rejections - TRICARE Eligible Bypass/Override Functions**
- A bypass function is provided to allow continued processing of prescriptions for TRICARE eligible inpatients whose Patient status = Inpatient at the time the prescription is issued.

In the following example a patient who has been admitted into a VA hospital (Patient status = Inpatient) is allowed to go on a weekend “pass” and issued outpatient medications such as OTC drugs or supplies for the weekend. The system displays the Non-Billable Reason “TRICARE INPATIENT/DISCHARGE” on the screen. The display of the new Non-Billable Reason is due to the patient having Patient status = Inpatient, the patient is a TRICARE patient with TRICARE Insurance and an outpatient medication, OTC or Supply was issued.

ISSUE DATE: OCT 31,2010// (OCT 31, 2010)  
FILL DATE: (10/31/2010 - 11/01/2011): OCT 31,2010// (OCT 31, 2010)  
Nature of Order: WRITTEN// W  
WAS THE PATIENT COUNSELED: NO// NO

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

Rx # XXXX885 10/31/10  
TRICARE,ONE (XXX-XX-XXXX) #3  
TAKE 1 BY MOUTH 9

ACETAMINOPHEN 160MG/5ML ELIXIR (OZ)  
VHAPROVIDER,ONE JOHN,DOE  
# of Refills: 5

Is this correct? YES//

TRICARE INPATIENT/DISCHARGE

Another New Order for TRICARE,ONE? YES//

The following is a sample of the View Prescription ECME Log update. The Non-Billable Reason “TRICARE INPATIENT/DISCHARGE” is now displayed on the View Prescription ECME Log. The TRICARE INPATIENT/DISCHARGE status allows the system to record why a TRICARE Rx was allowed to be bypassed

### Example: View Prescription ECME Log entry: TRICARE INPATIENT/DISCHARGE

Rx View (Active)	Oct 26, 2010@17:07:34	Page: 4 of 4
TRICARE, ONE	<NO ALLERGY ASSESSMENT>	
PID: XXX-XX-XXXX	Ht (cm) : _____ (_____)	
DOB: MAR 16, 19xx (xx)	Wt (kg) : _____ (_____)	
+		
Label Log:		
#	Date	Rx Ref Printed By
=====		
There are NO Labels printed.		
ECME Log:		
#	Date/Time	Rx Ref Initiator Of Activity
=====		
1	10/26/10@16:04:50	ORIGINAL JOHN, DOE
Comments: TRICARE-Not ECME Billable: <b>TRICARE INPATIENT/DISCHARGE</b>		
Enter ?? for more actions		
Select Action:Quit//		

### TRICARE Eligible Outpatient Override Function

- An override function is provided to allow continued processing of prescriptions for TRICARE eligible outpatients when a rejected response is received from the TRICARE payer/PBM.
- The Reject Action prompt will default to “Quit”. If the Q (Quit) action is selected, the rejected claim will go to the TRICARE section of the Pharmacy Third Party Payer Rejects – Worklist. If the D (Discontinue) action is selected, the next prompt “Nature of Order” will default to “Service Reject”. The I (Ignore) action is available if the user holds the “PSO TRICARE” security key and if selected, continued processing will occur.
- The Reject Action prompt will be updated to a default of “Quit”.

### Example of Reject Notification Screen Non-DUR/RTS with the default action of D (Discontinue)

```
IN PROGRESS-Transmitting
IN PROGRESS-Parsing response
E REJECTED
  21 - M/I Product/Service ID

      *** TRICARE - REJECT RECEIVED FROM THIRD PARTY PAYER ***
-----
Division : XXXX DIVISION                      NPI#: XXXXXXXXXX
Patient  : TRICARE,ONE(XXX-XX-XXXX)  Sex: M      DOB: OCT 1,19XX(XX)
Rx/Drug  : XXX5341/0 - AMOXICILLIN 250MG CA      ECME#: 000002345678
Reject(s): M/I Product/Service ID (21) Received on NOV 01, 2010@09:30:03.

Insurance : EXPRESS SCRIPT                      Contact:
Group Name : TRICARE                          Group Number: DODA
-----
Select one of the following:

      I      (I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION
      D      (D)iscontinue - DO NOT FILL PRESCRIPTION
      Q      (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(I)gnore, (D)iscontinue, (Q)uit: Q/Discontinue
Nature of Order: SERVICE REJECT//

Requesting PROVIDER: VHAPROVIDER,ONE          111      PHYSICIAN
```

In the following example a prescription is rejected from the Third Party Payer with a reject code of (88) DUR REJECT. The pharmacist has the option to Discontinue, Ignore, Override or Quit.



The Ignore action is only displayed for holders of the PSO TRICARE security key.



## Example of Reject Notification Screen DUR/RTS

88 - DUR Reject Error

\*\*\* TRICARE - REJECT RECEIVED FROM THIRD PARTY PAYER \*\*\*

-----  
Division : XXXXXX NPI#: XXXXXXXXXX  
Patient : OPPATIENT,TRICARE (765-XX-XXXX) Sex: F DOB: OCT 17,19XX(XX)  
Rx/Drug : 2718XXX/0 - BALNETAR 7.5 OZ ECME#: 00000431XXXX  
Reject(s): DUR REJECT (88). Received on NOV 01, 2010@07:08:44.

Insurance : EXPRESS SCRIPTS Contact:  
Group Name : TRICARE Group Number: DODA  
-----

Select one of the following:

O (O)VERRIDE - RESUBMIT WITH OVERRIDE CODES  
I (I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION  
D (D)iscontinue - DO NOT FILL PRESCRIPTION  
Q (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)

(O)verride, (I)gnore, (D)iscontinue, (Q)uit: Q// i (I)GNORE - FILL Rx WITHOUT CLAI  
M SUBMISSION

You are bypassing claims processing. Do you wish to continue? NO// y YES

*(This page included for two-sided copying.)*





- For Non-Billable TRICARE rejects, a Non-Billable Notification Screen is provided to allow continued processing of prescriptions. The Reject Action prompt will default to “Discontinue”. If the action D (Discontinue) is selected, the prompt “Nature of Order” will default to “Service Reject”. The I (Ignore) action is available if the user holds the “PSO TRICARE” security key and if selected, continued processing will occur. If the action Q (Quit) is selected, the Non-Billable TRICARE eligible prescription will go to the **Pharmacy Third Party Payer Rejects – Worklist** utilizing Reject Code “eT” with reject description “TRICARE-DRUG NON BILLABLE.” (The reject code “eT” is for use internal to the VistA system only and has no relation to any NCPDP reject code listing.) The new entry will be displayed in the TRICARE section of the **Pharmacy Third Party Payer Rejects – Worklist**.

In the following example a TRICARE Active Duty patient with Outpatient status submits an OTC, Non-Billable drug or supplies prescription for dispensing. The pharmacist will have the option of Discontinuing the Rx, Ignoring the Rx or Quitting. Discontinue is the option displayed below.

#### Example of Non-Billable Notification Screen

```
Is this correct? YES//

DRUG NOT BILLABLE

*** TRICARE - NON-BILLABLE ***

-----
Division : XXXX DIVISION                      NPI#: XXXXXXXXXX
Patient  : TRICARE,ONE(XXX-XX-XXXX) Sex: M      DOB: JAN 1,19XX (XX)
Rx/Drug  : XXX5339/0 - DOCUSATE NA 100MG CA
Date/Time: OCT 31, 2010@12:22:10
Reason   : Drug not billable
-----

This is a non-billable TRICARE prescription.
Select one of the following:
    D          (D)iscontinue - DO NOT FILL PRESCRIPTION
    Q          (Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION)
    I          (I)gnore - FILL Rx WITHOUT CLAIM SUBMISSION

(D)iscontinue, (Q)uit, (I)gnore: D// Discontinue

Nature of Order: SERVICE REJECT//

Requesting PROVIDER: VHAPROVIDER,ONE          111          PHYSICIAN
```

In the following example a TRICARE Active Duty patient with Outpatient status submitted an OTC, Non-Billable drug or Supplies prescription for dispensing. The pharmacist selected the Quit option to send the prescription to the worklist for further review. The Non-Billable drug is displayed on the Pharmacy Third Party Payer Rejects – Worklist with a reason code “eT”.

## Example of Pharmacy Third Party Payer Rejects – Worklist

Insurance Rejects-Worklist		Oct 31, 2010@09:15:58	Page: 2 of 5
Division : ALBANY ISC			
Selection : ALL UNRESOLVED REJECTS			
# Rx#	PATIENT (ID) [^]	DRUG	REASON
Payer Message:			
TRICARE - Non-DUR/RTS			
13 102xxx	OPTRICARE,ONE (4789)	DIAZOXIDE 300MG INJ	eT :TRICARE-DRUG NON
Payer Message:			
14 102xxx	OPTRICARE,ONE (4789)	MANNITOL 15% S.S. LV 22	:M/I Dispense
Payer Message:			
15 1028xxx	OPTRICARE,ONE (4789)	METHOCARBAMOL 750MG	34 :M/I Submissio
Payer Message:			
16 103xxx	OPTRICARE,ONE (4789)	BENZTROPINE 2MG TAB	07 :M/I Cardholde
Payer Message:			
17 103xxx	OPTRICARE,ONE (4789)	DEXAMETHASONE 0.5MG	07 :M/I Cardholde
Payer Message:			
18 102xxx	TRICARE,ONLYTRICAR(3939)	NEODECADRON OPHTMALI	07 :M/I Cardholde
Payer Message:			
19 102xxx	TRICARE,ONLYTRICAR(3939)	GENTAMICIN OPHTHALMI	07 :M/I Cardholde
Payer Message:			
+ Select the entry # to view or ?? for more actions			
DR	Sort by Drug	RE	Sort by Reason
PA	Sort by Patient	RF	Screen Refresh
		RX	Sort by Prescription
		GI	Group by Insurance
Select: Next Screen//			

- The Non-Billable TRICARE prescriptions will appear on the Reject Information screen shown in the example below once the TRICARE Non-Billable claim has been selected from the Pharmacy Third Party Payer Rejects – Worklist. The screen will display:
  - ECME# field – will be blank
  - Insurance Information – will be blank
  - Reject code section will have the reject code eT and status will state “NO CLAIM SUBMITTED”
  - Available Actions will be DC – Discontinue Rx, VW -View Rx, MP – Medication Profile, FIL – Fill Rx and IGN Ignore Reject (FIL and IGN will require PSO TRICARE Security key)
  - Available Hidden Actions will be COM – Add Comments ED – Edit Rx and all other standard List Manager hidden actions
  - If the action DC is chosen, the system will discontinue the prescription and the prompt “Nature of Order” will default to “SERVICE REJECT”
  - The following actions, Resubmit Claim (RES), Change Suspense Date (CSD) and Submit Override Codes (OVR) actions are not available for processing a TRICARE eligible Non-Billable reject. If selected, an error message will appear: “RES not allowed for TRICARE Non-Billable claim”, “CSD not allowed for TRICARE Non-Billable claim” or “OVR not allowed for TRICARE Non-Billable claim”. The only actions available are to Discontinue, Fill the prescription, View prescription or Medication Profile”

### Example of Non-Billable Product Reject Information Screen

```
Reject Information (TRICARE) Oct 30, 2010@10:15:01 Page: 1 of 1
Division : ECME DIVISION NPI#: XXXXXXXXXXXX
Patient : TRICARE,TWO(XXX-XX-XXXX) Sex: M DOB: JUL 1,19XX(XX)
Rx# : ###4928/0 ECME#: Fill Date: Mar 16, 2009
CMOP Drug: DOCUSATE NA 100MG CAP NDC Code: 54629-0600-01

REJECT Information (TRICARE)
Date/Time : OCT 17, 2010@13:19:22
Reject(s) : TRICARE DRUG NOT BILLABLE (eT)
Status : NO CLAIM SUBMITTED

COMMENTS
- AUG 25, 2010@13:25:07 - Transferred by OPECC. (OPCLERK,ONE)

INSURANCE Information
Insurance :
Contact :
Group Name :
Group Number :
Cardholder ID :

Enter ?? for more actions
VW View Rx FIL Fill Rx CSD Change Suspense Date
MP Medication Profile DC Discontinue Rx IGN Ignore Reject
RES Resubmit Claim OVR Submit Override Codes
Select Item(s): DC//
```

### Example of Non-Billable Product Reject Information Screen displaying the action RES (Resubmit Claim) error message

```
Reject Information (TRICARE) Nov 11, 2010@12:37:30 Page: 1 of 2
Division : ECME DIVISION NPI#:
Patient : OPPATIENT,TRICARE(XXX-XX-XXXX) Sex: F DOB: OCT 7,19XX(XX)
Rx# : 27XXXXXX/0 ECME#: Fill Date: Sep 16, 2010
Drug : ALUMINUM HYDROXIDE GEL 320MG/5ML SUSP NDC Code: 00054-3035-63

REJECT Information (TRICARE)
Date/Time : SEP 16, 2010@13:07:12
Reject(s) : TRICARE-DRUG NON BILLABLE (eT)
Status : NO CLAIM SUBMITTED

COMMENTS
- SEP 16, 2010@13:07:12 - Transferred by (XXXXXXXX,XXXX)

INSURANCE Information
Insurance :
Contact :
Group Name :
Group Number :
+ RES not allowed for TRICARE Non-Billable claim.
VW View Rx FIL Fill Rx CSD Change Suspense Date
MP Medication Profile DC Discontinue Rx IGN Ignore Reject
RES Resubmit Claim OVR Submit Override Codes
Select Item(s): Next Screen//
```

### Reject Information Screen – Electronic Signature and TRICARE Justification



This action requires the security key PSO TRICARE.

- A user must hold the “PSO TRICARE” security key for certain actions on the Third Party Payer Rejects – Worklist and the “Ignore” action on the TRICARE Reject Notification screen. If the user holds the security key “PSO TRICARE”, the prompt will display: “You are bypassing claims processing. Do you wish to continue?” If the user enters (No=Default), the user will return to the reject notification screen. If the user selects Yes to continue, the system will mimic the current Ignore action/functionality. The user will be prompted to enter their electronic signature code and asked to enter data into the TRICARE Justification field which is required. The user will be allowed to “^” out of the process. If the user opts to “^” out of the process, they will be taken back to the Reject Information screen prompt.

In the following example a TRICARE patient with Outpatient status submits a prescription for processing and a rejected response is received from the TRICARE payer/PBM. The pharmacist initially sends the prescription to the Third Party Payer Rejects – Worklist then later decides to finish processing the prescription and chooses the FIL action.

#### Example of Reject Information Screen – Electronic Signature and TRICARE Justification

Reject Information (TRICARE) Sep 30, 2010@10:25:13		Page: 1 of 1
Division : ECME DIVISION	NPI#: XXXXXXXXXXXX	
Patient : TRICARE,TWO(XXX-XX-XXXX) Sex: M	DOB: JAN 1,19XX(XX)	
Rx# : XXX4928/0	ECME#: 000001231234	Fill Date: Feb 08, 2009
CMOP Drug: ACARBOSE 25MG TAB	NDC Code: 00026-2863-52	

REJECT Information (TRICARE)	
Date/Time : JUL 10, 2010@12:22:10	
Reject(s) : M/I Cardholder ID (07)	
Status : OPEN/UNRESOLVED - E REJECTED	

COMMENTS	
- AUG 25, 2010@13:25:07 - Transferred by OPECC. (OPCLERK,ONE)	

INSURANCE Information	
Insurance : EXPRESS SCRIPTS	
Contact :	
Group Name : TRICARE	
Group Number : DODA	
Cardholder ID : XXXXXXXX	

Enter ?? for more actions		
VW View Rx	FIL Fill Rx	CSD Change Suspense Date
MP Medication Profile	DC Discontinue Rx	IGN Ignore Reject
RES Resubmit Claim	OVR Submit Override Codes	
Select Item(s): Quit/ <input type="text" value="FIL"/>		

You are bypassing claims processing. Do you wish to continue (Y/N)? No/

Enter your Current Signature Code:

TRICARE Justification:

- If the user does not hold the security key “PSO TRICARE”, an on screen alert to the user will display “Action Requires <PSO TRICARE> security key” as displayed in the below example. The user will need to press any key to return to the reject information screen.

## Example of Reject Information Screen – Security Key – ALERT

```

Reject Information (TRICARE) May 15, 2010@11:45:23 Page: 1 of 1
Division : ECME DIVISION NPI#: XXXXXXXXXX
Patient : TRICARE,TWO(XXX-XX-XXXX) Sex: M DOB: JAN 1,19XX(XX)
Rx# : XXX4928/0 ECME#: 000001231234 Fill Date: Mar 10, 2009
CMOP Drug: ACARBOSE 25MG TAB NDC Code: 00026-2863-52

REJECT Information (TRICARE)
Date/Time : APR 29, 2010@09:25:03
Reject(s) : M/I Cardholder ID (07)
Status : OPEN/UNRESOLVED - E REJECTED

INSURANCE Information
Insurance : EXPRESS SCRIPTS
Contact :
Group Name : TRICARE
Group Number : DODA
Cardholder ID : XXXXXXXX

Action Requires <PSO TRICARE> Security Key
VW View Rx FIL Fill Rx CSD Change Suspense Date
MP Medication Profile DC Discontinue Rx IGN Ignore Reject
RES Resubmit Claim OVR Submit Override Codes
Select Item(s): Quit//

```

- The person that resolves TRICARE non-DUR/RTS rejects is dependent upon the type of reject. Dispense As Written (DAW) reject code 22 can be resolved by the pharmacy staff by editing the prescription and entering the appropriate DAW code that results in a claims resubmission. Other insurance related rejects (missing eligibility or cardholder ID number) are resolved by the Outpatient Pharmacy Electronic Claims Coordinator (OPECC). Once the rejection has been resolved, the Reject Information screen under the pharmacy reject worklist shows the status of the prescription as E PAYABLE. At this point the user may select the FIL action which will prompt for label print.

```

Reject Information (TRICARE) Aug 27, 2008@17:16:27 Page: 1 of 1
Division : ALBANY ISC NPI#: 5000000021
Patient : OPTRICARE,ONE(666-55-4789) Sex: M DOB: OCT 18,1963(44)
Rx# : 102059/0 ECME#: 000000113288 Fill Date: Aug 27, 2008
Drug : IMIPRAMINE 25MG TAB NDC Code: 00779-0588-30

REJECT Information (TRICARE)
Date/Time : AUG 27, 2008@17:15:08
Reject(s) : M/I Cardholder ID Number (07)
Status : OPEN/UNRESOLVED - E PAYABLE

INSURANCE Information
Insurance : EXPRESS SCRIPTS
Contact :
Group Name : TRICARE
Group Number : DODA
Cardholder ID : XXXXXXXX

Enter ?? for more actions
VW View Rx FIL Fill Rx OVR Submit Override Codes
MP Medication Profile DC Discontinue Rx CSD Change Suspense Date
Select Item(s): Quit// FIL Fill Rx
[Closing all rejections for prescription 102059:
07 - ...OK]

Print Label? ? YES//

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

```

- For rejects that remain in suspense, the user will be allowed to process the rejection as indicated above, however no labels will be printed until the prescription is pulled early or printed from suspense. Upon resolving the reject, the user will be notified of this information. CMOP prescriptions will function in the same manner.

## **Other Rejects**

### **[PSO REJECTS WORKLIST]**

Rejects under the OTHER REJECTS section of the screen are resolved in the same manner as DUR/RTS rejects. The comments section will denote whether the reject was transferred automatically as is the case in the example below or “Transferred by OPECC” would denote those rejects where the OPECC manually transferred them to pharmacy for resolution.

The following example shows the user selecting to resolve sequence 16 from the Third Party Payer Rejects - Worklist option shown above. The user selects ED to edit the DAW code for the prescription, then resubmits the claim afterward. Since the claim was payable, both the RTS reject in sequence 13 and the DAW reject in sequence 16 were marked resolved. Also both are removed from the worklist after submission. The user then proceeds to Patient Prescription Processing option to view the ECME logs which show that claim resubmission was payable and that both rejects have been resolved.

### **Example: Resolving Other Rejects**

```
Reject Information(UNRESOLVED)Jul 30, 2008@14:54:51          Page:    1 of    2
Division : CHEYENNE VAM&ROC                                NPI#: 1164471991
Patient  : OPPATIENT,FOUR(666-55-9987) Sex: M              DOB: OCT 20,1965(42)
Rx#      : 2055203/1          ECME#: 000001615102 Date of Service: Jul 15, 2008

REJECT Information
Reject Type   : 22 - M/I Dispense As Written- received on JUL 30, 2008@14:32:16
Reject Status : OPEN/UNRESOLVED
Payer Addl Msg :
Reason Code   :
DUR Text      :

OTHER REJECTS
79 - Refill Too Soon

COMMENTS
- JUL 30, 2008@14:32:16 - Automatically transferred due to override for reject
  code. (OPHARM,ONE)

+          Enter ?? for more actions
VW View Rx          IGN Ignore Reject          OVR Submit Override Codes
MP Medication Profile RES Resubmit Claim       CSD Change Suspense Date
Select: Next Screen// ed    ED

Jul 30, 2008@14:54:53

-----example continues-----
```



### Example: Resolving Other Rejects (continued)

```
Rx #: 2055203$e
(1) *Orderable Item: DANAZOL CAP,ORAL
(2)      CMOP Drug: DANAZOL 50MG CAP
(3)      *Dosage: 50 (MG)
          Verb: TAKE
          Dispense Units: 1
          Noun: CAPSULE
          *Route: ORAL (BY MOUTH)
          *Schedule: BID
(4) Pat Instructions:
          SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
(5) Patient Status: OUTPT NON-SC
(6)      Issue Date: 07/11/08          (7) Fill Date: 07/11/08
          Last Fill Date: 07/15/08 (Window)
Select Action: Next Screen//      NEXT SCREEN

Last Release Date:          (8)      Lot #:
          Expires: 07/12/09          MFG:
(9)      Days Supply: 3          (10) QTY (CAP): 6
(11)     # of Refills: 11          Remaining: 10
(12)     Provider: OPPROVIDER,ONE
(13)     Routing: MAIL          (14)     Copies: 1
(15)     Clinic: Not on File
(16)     Division: CHEYENNE VAM&ROC (442)
(17)     Pharmacist:
(18)     Remarks: New Order Created by copying Rx # 2055182.
(19)     Counseling: NO
(20)     Refill Data
(21)     DAW Code: 0 - NO PRODUCT SELECTION INDICATED
          Finished By: OPHARM,ONE
+      Enter ?? for more actions
DC (Discontinue)      PR (Partial)      RL (Release)
ED Edit              RF (Refill)        RN (Renew)
Select Action: Next Screen// 21
DAW CODE: 0// ?

OP Medications (SUSPENDED)      Jul 30, 2008@14:54:55      Page:      2 of      3
OPPATIENT,FOUR
PID: 666-55-9987          Ht (cm) : _____ (_____)
DOB: OCT 20,1965 (42)      Wt (kg) : _____ (_____)
+

Answer with BPS NCPDP DAW CODE
Choose from:
0      NO PRODUCT SELECTION INDICATED
1      SUBSTITUTION NOT ALLOWED BY PRESCRIBER
2      SUBSTITUTION ALLOWED-PATIENT REQUESTED PRODUCT DISPENSED
3      SUBSTITUTION ALLOWED-PHARMACIST SELECTED PRODUCT DISPENSED
4      SUBSTITUTION ALLOWED-GENERIC DRUG NOT IN STOCK
5      SUBSTITUTION ALLOWED-BRAND DRUG DISPENSED AS A GENERIC
6      OVERRIDE
7      SUBSTITUTION NOT ALLOWED-BRAND DRUG MANDATED BY LAW
8      SUBSTITUTION ALLOWED-GENERIC DRUG NOT AVAILABLE IN MARKETPLACE
9      OTHER

DAW CODE: 0// 1 - SUBSTITUTION NOT ALLOWED BY PRESCRIBER
Are You Sure You Want to Update Rx 2055203? Yes//      YES
```

-----example continues-----

### Example: Resolving Other Rejects (continued)

```
OP Medications (SUSPENDED)    Jul 30, 2008@14:55:21    Page:    2 of    3
OPPATIENT,FOUR
  PID: 666-55-9987                      Ht (cm) : _____ (_____)
  DOB: OCT 20,1965 (42)                 Wt (kg) : _____ (_____)
+
  Last Release Date: _____ (8)      Lot #: _____
    Expires: 07/12/09                    MFG: _____
(9)    Days Supply: 3                    (10) QTY (CAP): 6
(11)   # of Refills: 11                  Remaining: 10
(12)   Provider: OPPROVIDER,ONE
(13)   Routing: MAIL                    (14)   Copies: 1
(15)   Clinic: Not on File
(16)   Division: CHEYENNE VAM&ROC (442)
(17)   Pharmacist:
(18)   Remarks: New Order Created by copying Rx # 2055182.
(19)   Counseling: NO
(20)   Refill Data
(21)   DAW Code: 1 - SUBSTITUTION NOT ALLOWED BY PRESCRIBER
      Finished By: OPHARM,ONE
+      Enter ?? for more actions
DC  (Discontinue)      PR  (Partial)      RL  (Release)
ED  Edit               RF  (Refill)       RN  (Renew)
Select Action: Next Screen// ^

Reject Information(UNRESOLVED)Jul 30, 2008@14:55:28    Page:    1 of    2
Division : CHEYENNE VAM&ROC                          NPI#: 1164471991
Patient  : OPPATIENT,FOUR(666-55-9987)  Sex: M        DOB: OCT 20,1965(42)
Rx#      : 2055203/1                      ECME#: 000001615102Date of Service: Jul 15, 2008

REJECT Information
Reject Type      : 22 - M/I Dispense As Written- received on JUL 30, 2008@14:32:16
Reject Status    : OPEN/UNRESOLVED
Payer Addl Msg   :
Reason           :
DUR Text         :

OTHER REJECTS
79 - Refill Too Soon

COMMENTS
- JUL 30, 2008@14:32:16 - Automatically transferred due to override for reject
  code. (OPHARM,ONE)
+      Enter ?? for more actions
VW  View Rx          IGN Ignore Reject          OVR Submit Override Codes
MP  Medication Profile  RES Resubmit Claim      CSD Change Suspense Date
Select: Next Screen// RES  Resubmit Claim

When you confirm, a new claim will be submitted for
the prescription and this REJECT will be marked
resolved.

Confirm? YES//
```

-----example continues-----

### Example: Resolving Other Rejects (continued)

```
Prescription 2055203 successfully submitted to ECME for claim generation.

Claim Status:
IN PROGRESS-Waiting to start
IN PROGRESS-Transmitting
E PAYABLE

Please wait...

Insurance Rejects-Worklist      Jul 30, 2008@14:38:38      Page:      2 of      3
Division : CHEYENNE VAM&ROC
Selection : ALL UNRESOLVED REJECTS
# Rx#      PATIENT(ID) [v]      DRUG      REASON
Payer Message:
13 2055202      OPPATIENT,FOUR(9987)      BACLOFEN 10MG TAB      79 :REFILL TOO SO
Payer Message:
14 2055155      OPPATIENT,FOUR(9987)      BENAZEPRIL HCL 40MG      79 :REFILL TOO SO
Payer Message:
OTHER REJECTS
15 2055134A      OPPATIENT,FOUR(9987)      CALCIUM GLUCONATE 65 22 :M/I Dispense
Payer Message:

+      Select the entry # to view or ?? for more actions
DR  Sort by Drug      RE  Sort by Reason      RX  Sort by Prescription
PA  Sort by Patient      RF  Screen Refresh      GI  Group by Insurance
Select: Next Screen//^

.
.
.

Below is taken from Patient Prescription Processing option for the Rx in this example:

Medication Profile      Jul 30, 2008@15:03:25      Page:      1 of      2
OPPATIENT,FOUR
PID: 666-55-9987      Ht(cm):      (      )
DOB: OCT 20,1965 (42)      Wt(kg):      (      )
SEX: MALE

#  RX #      DRUG      QTY ST  DATE  FILL REM SUP
ISSUE  LAST REF DAY

-----REFILL TOO SOON/DUR REJECTS (Third Party)-----
1 2055202$e      BACLOFEN 10MG TAB      14 S> 07-08 12-12 11 3
2 2055155$e      BENAZEPRIL HCL 40MG TAB      1 S> 06-24 06-26 10 1
3 2055134A$e      CALCIUM GLUCONATE 650MG TAB      4 A> 06-16 07-30 10 2
-----ACTIVE-----
4 2055174$e      ACEBUTOLOL HCL 200MG CAP      1 S> 06-26 06-27 11 1
5 2055123$e      BACITRACIN 500 UNT/GM OPHTHALMIC OINT      1 AT 06-13 06-14 10 30
6 2055203$e      DANAZOL 50MG CAP      6 S> 07-11 07-15 10 3
7 2055183$e      FAMCICLOVIR 125MG TAB      2 AT 06-26 06-26 11 2
8 2055215$      GABAPENTIN 100MG CAP      6 S> 07-30 07-30 11 3
9 2055186$e      HALOPERIDOL 0.5MG TAB      2 AT 06-26 06-26 11 4

+      Enter ?? for more actions
DC  Discontinue      PR  Partial      RL  Release
ED  Edit      RF  (Refill)      RN  RenewSelect Action: Next

-----example continues-----
```

### Example: Resolving Other Rejects (continued)

```

Select Action: Next Screen// AL AL
OP Medications (SUSPENDED) Jul 30, 2008@15:03:25 Page: 1 of 3
OPPATIENT,FOUR
PID: 666-55-9987 Ht (cm) : _____ (_____)
DOB: OCT 20,1965 (42) Wt (kg) : _____ (_____)

Rx #: 2055203$e
(1) *Orderable Item: DANAZOL CAP,ORAL
(2) CMOP Drug: DANAZOL 50MG CAP
(3) *Dosage: 50 (MG)
Verb: TAKE
Dispense Units: 1
Noun: CAPSULE
*Route: ORAL (BY MOUTH)
*Schedule: BID
(4) Pat Instructions:
SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
(5) Patient Status: OUTPT NON-SC
(6) Issue Date: 07/11/08 (7) Fill Date: 07/11/08
Last Fill Date: 07/15/08 (Window)
+ Enter ?? for more actions
DC Discontinue PR Partial RL Release
ED Edit RF (Refill) RN Renew
Select Action: Next Screen// AL AL

Select Activity Log by number
1. Refill 2. Partial 3. Activity 4. Labels
5. Copay 6. ECME 7. CMOP Events 8. All Logs: (1-8): 8// 6

Rx #: 2055203 Original Fill Released:
Routing: Mail Finished by: OPPHARM,ONE

ECME Log:
# Date/Time Rx Ref Initiator Of Activity
=====
1 7/11/08@10:13:11 ORIGINAL OPPHARM,ONE
Comments: ECME:PULLED FROM SUSPENSE(NDC:00024-0303-06)-E PAYABLE-pOPP INSURANCE
2 7/30/08@14:32:17 REFILL 1 OPPHARM,TWO
Comments: ECME:PULLED FROM SUSPENSE(NDC:00024-0303-06)-E REJECTED-pOPP INSURANCE
3 7/30/08@14:55:56 REFILL 1 OPPHARM,TWO
Comments: ECME:REJECT WORKLIST-E PAYABLE-pOPP INSURANCE

ECME REJECT Log:
# Date/Time Rcvd Rx Ref Reject Type STATUS Date/Time Resolved
=====
1 7/30/08@14:32:16 REFILL 1 M/I Dispense As RESOLVED 7/30/08@14:55:40
Comments: AUTOMATICALLY CLOSED (CLAIM RE-SUBMITTED)
2 7/30/08@14:32:16 REFILL 1 REFILL TOO SOON RESOLVED 7/30/08@14:55:40
Comments: AUTOMATICALLY CLOSED (CLAIM RE-SUBMITTED)

Enter ?? for more actions

Select Action:Quit//

```



## Alerts for Discontinued CMOP Prescription

### Discontinued by a Background Process

When a CMOP prescription with a status of Transmitted or Retransmitted is discontinued by a background process to the Outpatient Pharmacy options, e.g. CPRS or Registration V. 5.3 packages, an email will be sent to the PSX EXTERNAL DISPENSE ALERTS mail group. If no recipients are defined in the new mail group, the message will be sent to PSXCMOPMGR key holders stating that a prescription was just discontinued and that the CMOP status for the discontinued prescription was either Transmitted or Retransmitted.

```
Subj: TROY - DC Alert on CMOP Rx 123456789 TRANSMITTED  [#90494]
03/03/09@17:37 8 lines
From: POSTMASTER  In 'IN' basket.    Page 1  *New*
-----
Rx #: 123456789    Fill: 0
Patient: OUTPATIENT, DCONE (6660)
Drug: TAMOXIFEN CITRATE 10MG TABS
Rx Status: DISCONTINUED BY PROVIDER
Processing Status: TRANSMITTED to CMOP on 02/27/09
Provider: OPPROVIDER, PROV

*****      Please contact CMOP or take appropriate action      *****

Enter message action (in IN basket): Ignore//
-----
```

### Discontinued by a Foreground Pharmacy Process

When a CMOP prescription with a status of Transmitted or Retransmitted is discontinued by a foreground Pharmacy process due to a duplicate drug scenario that would trigger the duplicate to be discontinued, then the Processing Status field of the duplicate drug message is highlighted to alert the user.

```
-----
Duplicate Drug A AND Z OINTMENT in Prescription: 123456789

Status: Active                               Issued: 11/27/09
Processing Status: Transmitted to CMOP on 11/27/09
SIG: APPLY 1 TUBE TO AFFECTED AREA TWICE A DAY
QTY: 1                                       # of refills: 5
Provider: OPPROVIDER, PROV                  Refills remaining: 5
Last filled on: 11/27/09
Days Supply: 5
-----
Discontinue RX # 123456789?
```

In the above example, the line “Processing Status: Transmitted to CMOP on 11/27/09” is bold.

## List One Patient's Archived Rx's

### [PSO ARCHIVE LIST RX'S]

This option shows the basic patient demographics and the prescription numbers and dates of archiving for archived prescriptions for this patient.

## Manual Print of Multi-Rx Forms

### [PSO LM MULTI-RX PRINT]

This option allows the user to reprint the Multi-Rx Refill Request form on laser label stock without having to reprint the entire prescription labels. The user will receive a system confirmation that this form has been queued to print.

#### Example: Manually Printing Multi-Rx Forms

```
Select Rx (Prescriptions) Option: MANual Print of Multi-Rx Forms
Enter patient to reprint Multi-Rx refill form for: OPPPATIENT2,ONE
Select LABEL DEVICE: LEX2 LEX2$PRT Bay Pines
Multi-Rx form queued to print
```

## Reprint an Outpatient Rx Label

### [PSO RXRPT]

The label reprint function allows a single label or many copies of the same label to be reproduced. When the patient is enrolled in ScripTalk®, a message is displayed to the user indicating this and prompting the user to use the ScripTalk® label for the prescription bottle.

#### Example: Reprinting an Outpatient Rx Label

```
Select Rx (Prescriptions) Option: REPRINT AN OUTPATIENT RX LABEL

Reprint Prescription Label: 400693          ADHESIVE TAPE WATERPROOF 1IN ROLL
Patient is a ScripTalk patient. Use ScripTalk label for prescription bottle.

Number of Copies? : (1-99): 1// <Enter>
Print adhesive portion of label only? N// <Enter> 0
Do you want to send to External Interface Device? No// ?

Enter either 'Y' or 'N'.

Do you want to send to External Interface Device? No// NO
Comments:

Rx # 400693          06/27/03
OPPATIENT16,ONE          #1

AS DIR ON AFFECTED AREA

ADHESIVE TAPE WATERPROOF 1IN ROLL
OPPROVIDER30,TWO          OPPHARMACIST4,THREE
# of Refills: 2
```

When reprinting, you can choose whether or not you want to resend to a dispensing device using an external interface. If you do choose to resend, then the prescription will be sent to the dispensing system, and an entry will be made in the label log. This documents that this was a reprint and also resent to the dispensing system device. If you do not resend the prescription to the dispensing device, then only one entry is made in the label log.



## Signature Log Reprint

### [PSO SIGLOG REPRINT]

This option allows the user to reprint the Signature Log for a prescription. The system will prompt for a prescription number and printer device. The user will receive a system confirmation that this log has been queued to print.

#### Example: Reprinting a Signature Log

```
Select Rx (Prescriptions) Option: Signature Log Reprint
Reprint Signature Log for Prescription:    100002277A    PREDNISONE 20MG S.T.
Select LABEL DEVICE: LEX2    LEX2$PRT    Bay Pines
Signature Log Reprint queued
```

## View Prescriptions

### [PSO VIEW]

View the most complete information available for a specific prescription. The activity log lists the date, reason, prescription reference (Rx Ref), the initiator of the activity, and comments. The label log lists the date, prescription (Rx Ref), the person who printed it, and comments. Prescriptions with a deleted status cannot be viewed.

*(This page included for two-sided copying.)*

## Chapter 22: ScripTalk® ‘Talking’ Prescription Labels

---

ScripTalk® is a registered trademark of En-Vision America.

The ScripTalk® software generates prescription labels with speech synthesized patient information. This project helps to increase a patient’s (individuals with visual impairments, dyslexia, and reading problems) ability to comply with their doctor’s orders. Audible prescription information also reduces prescription errors thereby reducing hospital/emergency room visits.

Using the ScripTalk® Talking Prescriptions involves the installation of a specialty printer that prints to microchip-embedded label stock. The label will have printed text on it, along with the microchip containing the contents of the label. Pharmacy or other designated staff will enroll patients to receive these labels and issue those patients a special reader. When the patient holds a ScripTalk® label near the reader and presses a button, the content of the label is read aloud.

If a patient is enrolled for ScripTalk® and a prescription is ordered under a division that has a ScripTalk® printer set-up for auto-print, then whenever a prescription is finished for that patient, a ScripTalk® bottle label is automatically queued to print at the same time as the VistA label. The VistA label (either the old format or the new laser label format) will have the drug name on the bottle label voided out with the text "XXXXXX SCRIPTALK RX XXXXXX" to alert the pharmacist to use the actual bottle label from the ScripTalk® printer.



The pharmacy should check each ScripTalk® label for accuracy by using the ScripTalk® reader to read the label aloud. The printer encodes the chip while printing the label, but nothing in or attached to VistA can see or tell if the label is valid.

### ScripTalk Main Menu

#### [PSO SCRIPTALK MAIN MENU]

The options on this menu are used for the implementation as well as the maintenance of the various files for the ScripTalk® ‘talking’ software. These options allow the set up and testing of the ScripTalk® equipment, enter new patients or edit existing patients as receivers of the ‘talking’ prescription labels, and run various reports.

<i>PT</i>	<i>ScripTalk Patient Enter/Edit</i>
<i>QBAR</i>	<i>Queue ScripTalk Label by Barcode</i>
<i>QRX</i>	<i>Queue ScripTalk Label by Rx#</i>
<i>RPT</i>	<i>ScripTalk Reports...</i>
	<i>Reprint a non-voided Outpatient Rx Label</i>
<i>PARM</i>	<i>Set Up and Test ScripTalk Device...</i>

## ScripTalk Patient Enter/Edit

### [PSO SCRIPTALK PATIENT ENROLL]

This option allows the user to define a patient to receive ScripTalk® ‘talking’ prescription labels or to change a patient to not receive the labels.

#### Example: Enrolling a ScripTalk® Patient

```
Select ScripTalk Main Menu Option: PT ScripTalk Patient Enter/Edit

Select PATIENT: OP
  1  OPPATIENT16,ONE 04-03-41      000246802      SC VETERAN
  2  OPPATIENT17,ONE 08-30-48      000123456      NON-VETERAN (OTHER)
CHOOSE 1-2: 1 OPPATIENT16,ONE 04-03-41      000246802      SC VETERAN
SCRIPTALK PATIENT? N// YES

REMINDER: CMOP does not fill ScripTalk prescriptions. Please select mail
status:  2 (DO NOT MAIL), 3 (LOCAL REGULAR MAIL) or 4 (LOCAL CERTIFIED MAIL).
MAIL: 2 DO NOT MAIL

      Select one of the following:

          B          BLIND VETERAN
          L          LOW VISION

INDICATION: // BLIND VETERAN
```



The “MAIL:” prompt above is only displayed when the patient is set to a Consolidated Mail Outpatient Pharmacy (CMOP) status or does not have a mail status defined.

A progress note can be automatically placed in the ScripTalk® patient’s chart to be signed when that patient is enrolled. To invoke this feature, ask the Text Integration Utility/Computerized Patient Record System (TIU/CPRS) coordinator at the site to create a note entitled “SCRIPTALK ENROLLMENT”. The note contents will be “*Patient Name* was enrolled in ScripTalk today, and is now eligible to receive prescriptions with encoded speech-capable labels.”

## Queue ScripTalk Label by Barcode

### [PSO SCRIPTALK MANUAL INTERNAL]

This option is used to queue a ScripTalk® label to print using the barcode number to identify the label.

#### Example: Queuing a ScripTalk® Label to Print by Barcode

```
Select ScripTalk Main Menu Option: QBAR Queue ScripTalk Label by Barcode
Enter Barcode Rx#:
```

## Queue ScripTalk Label by Rx#

### [PSO SCRIPTALK MANUAL EXTERNAL]

This option is used to queue a ScripTalk® label to print using the prescription number to identify the label.

#### Example: Queuing a ScripTalk® Label to Print by Rx#

```
Select ScripTalk Main Menu Option: QRX Queue ScripTalk Label by Rx#
Select PRESCRIPTION RX #: 400675B ADHESIVE TAPE WATERPROOF 1IN ROLL

Queuing ScripTalk label

Select PRESCRIPTION RX #: 12345
  1 12345 NIACIN 250MG SR CAP
  2 1234567A DIGOXIN 0.05MG CAP
CHOOSE 1-2: 2 1234567A DIGOXIN 0.05MG CAP
Patient not enrolled in ScripTalk program.

Select PRESCRIPTION RX #:
```

## ScripTalk Reports

### [PSO SCRIPTALK REPORTS]

This menu option contains two reports containing ScripTalk® patient information.

- *AUD ScripTalk Audit History Report*
- *WHO Report of ScripTalk Enrollees*

## ScripTalk Audit History Report

### [PSO SCRIPTALK AUDIT HISTORY]

The *ScripTalk Audit History Report* option prints a report that contains all ScripTalk® enrollment activity for a patient.

#### Example: ScripTalk Audit History Report

```
Select ScripTalk Reports Option: AUD ScripTalk Audit History Report
Select PATIENT: OPPATIENT29,ONE 09-12-19 000876543 SC VETERAN

You may queue the report to print, if you wish.

DEVICE: HOME// <Enter> GENERIC INCOMING TELNET
-----example continues-----
```

```

SCRIPTALK AUDIT HISTORY                                Date printed: JUN 24,2003      Page: 1
Name: OPPATIENT29,ONE      Currently enrolled: YES

  Date-Time Set      Previous      Previous      Entered by
  -----      -----      -----      -----
Jun 16, 2003  08:09      YES      BLIND VETERAN      OPCLERK12,FOUR
Jun 16, 2003  08:09      YES      LOW VISION      OPCLERK12,FOUR
Jun 16, 2003  08:10      NO      LOW VISION      OPCLERK12,FOUR
Jun 16, 2003  08:49      YES      LOW VISION      OPCLERK12,FOUR

** End of Report **
Press Return to continue:

```

## Report of ScripTalk Enrollees

### [PSO SCRIPTALK ENROLLEES]

The *Report of ScripTalk Enrollees* option provides a report of patients who are defined to receive ScripTalk® ‘talking’ prescription labels for their outpatient medications. Patients who have a “no” answer to the ScripTalk® patient prompt can be excluded from the report.

### Example: Report of ScripTalk Enrollees

```

Select ScripTalk Reports Option: WHO Report of ScripTalk Enrollees

Do you want to report only active enrollees? Y// <Enter> ES

You may queue the report to print, if you wish.

DEVICE: HOME// <Enter> GENERIC INCOMING TELNET

```

```

Report of ScripTalk Enrollment                                Date printed: Jun 24, 2003      Page: 1

Patient name      SSN      Enrollment last updated
  Indication      -----      -----
-----
OPPATIENT11,ONE      000-46-8024      Jun 16, 2003@11:57:39
  BLIND VETERAN
OPPATIENT9,ONE      000-76-5432      Jun 15, 2003@18:17:30
  LOW VISION
OPPATIENT6,ONE      000-13-5790      Jun 18, 2003@03:52:18
  LOW VISION
OPPATIENT29,ONE      000-87-6543      Jun 16, 2003@08:49:34
  LOW VISION

```

## Reprint a non-voided Outpatient Rx Label

### [PSO SCRIPTALK REPRINT VISTA LB]

This option allows the user to reprint an Outpatient Rx label for a ScripTalk® patient without voiding out the drug name.

When reprinting, you can choose whether or not you want to resend to a dispensing device, using an external interface. If you do choose to resend, then the prescription will be sent to the dispensing system, and an entry will be made in the label log. This documents that this was a reprint and also resent to the dispensing system device. If you do not resend the prescription to the dispensing device, then only one entry is made in the label log.

#### Example: Reprinting a non-voided Outpatient Rx Label

```
Select ScripTalk Main Menu Option: REprint a non-voided Outpatient Rx Label

Reprint Prescription Label: 400675B          ADHESIVE TAPE WATERPROOF 1IN ROLL
Patient is a ScripTalk patient. Use ScripTalk label for prescription bottle.

Number of Copies? : (1-99): 1// <Enter>
Print adhesive portion of label only? N// <Enter> O
Do you want to send to External Interface Device? No// ?

Enter either 'Y' or 'N'.

Do you want to send to External Interface Device? No// NO
Comments:

Rx # 400675B          06/17/03
OPPATIENT29,ONE      #1

    ON AFFECTED AREA AS DIR

ADHESIVE TAPE WATERPROOF 1IN ROLL
OPPROVIDER16,TWO          OPPHARMACIST24,THREE
# of Refills: 2

Select LABEL DEVICE: PRINTER #3

LABEL(S) QUEUED TO PRINT
```

## Set Up and Test ScripTalk Device

### [PSO SCRIPTALK SET-UP]

This menu option contains the options necessary to define, set up and test the ScripTalk® device, print a sample ScripTalk® prescription label, and reinitialize the printer.

- *ScripTalk Device Definition Enter/Edit*
- *Print Sample ScripTalk Label*
- *Test ScripTalk Device*
- *Reinitialize ScripTalk Printer*

### ScripTalk Device Definition Enter/Edit

#### [PSO SCRIPTALK DEVICE DEF'N]

The *ScripTalk Device Definition Enter/Edit* option allows the user to define the ScripTalk® device for the division where it will be used and whether the labels should be automatically printed or will be queued for manual print. The printer must be installed and connected to the network server before using this option.

You may now tie a ScripTalk printer to a regular Pharmacy label printer(s) to control where the ScripTalk labels print for multi-divisions. A divisional ScripTalk device must be defined in order for the printer mapping functionality to work correctly. If there aren't any mapped printers, then the system defaults to the divisional printer.

#### Example: Defining the ScripTalk® Device

```
Select Set Up and Test ScripTalk Device Option: ScripTalk Device Definition
Enter/Edit

Define ScripTalk Printer by (D)ivision or (P)rinter mapping?: (D/P): Division

Division: TROY      514
SCRIPTALK DEVICE: L8150$PRT// <Enter>
SCRIPTALK AUTO-PRINT SETTINGS: ?
    Enter 'A' if ScripTalk label printing should be automatic, "M" if label
    will be queued manually.
    Choose from:
        A          AUTO PRINT
        M          MANUAL PRINT
SCRIPTALK AUTO-PRINT SETTINGS: A  AUTO PRINT

Define ScripTalk Printer by (D)ivision or (P)rinter mapping?: (D/P): Printer
Select LABEL PRINTER TO BE MAPPED: LBL$PRT1      Birmingham
PQ$:LBL$PRT1.TXT
    SCRIPTALK DEVICE: L8150$PRT      CIOFO Birmingham      PQ$: L8150$PRT.TXT
Select LABEL PRINTER TO BE MAPPED: LBL$PRT2      Tuscaloosa
PQ$:LBL$PRT2.TXT
    SCRIPTALK DEVICE: L8150$PRT      CIOFO Birmingham      PQ$: L8150$PRT.TXT
Select LABEL PRINTER TO BE MAPPED:

Define ScripTalk Printer by (D)ivision or (P)rinter mapping?: (D/P):
```



If the device is defined for auto-print, and some patients are defined as ScripTalk® patients, then whenever a VistA label is queued, if the prescription belongs to a ScripTalk® patient, a ScripTalk® label should print at the same time.

## Print Sample ScripTalk Label

### [PSO SCRIPTALK SAMPLE LABEL]

After the printer is defined, a sample ScripTalk® label can be generated. The *Print Sample ScripTalk Label* option allows the user to print a test ScripTalk® label.

#### Example: Printing a sample ScripTalk® Label

```
Select Set Up and Test ScripTalk Device Option: Print Sample ScripTalk Label
The following test data will be sent to the ScripTalk printer:
```

```
^XA
^FO250,700^XGE:RX.GRF^FS
^FO250,700^XGE:RX.GRF^FS
^AFR,20,10^FO531,50^FR^CI0^FD7305 N. MILITARY TRL Exp: January 01,2002^FS
^AFR,20,10^FO503,50^FR^CI0^FDRX#82382787 January 01,2006 Fill 01 OF 01^FS
^AFR,20,10^FO475,50^FR^CI0^FDONE OPPATIENT23^FS
^AFR,20,10^FO447,50^FR^CI0^FDTAKE 1 CAPSULE THREE TIMES DAILY^FS
^AFR,20,10^FO419,50^FR^CI0^FD^FS
^AFR,20,10^FO391,50^FR^CI0^FD^FS
^AFR,20,10^FO363,50^FR^CI0^FD^FS
^AFR,20,10^FO335,50^FR^CI0^FDDr. TWO OPPROVIDER30 MD^FS
^AFR,20,10^FO279,50^FR^CI0^FDQTY: 24 TABS^FS
^AFR,20,10^FO251,50^FR^CI0^FDAMOXICILLIN 500MG CAP^FS
^RX01,ONE OPPATIENT23^FS
^RX02,AMOXICILLIN 500MG CAP^FS
^RX03,TAKE 1 CAPSULE THREE TIMES DAILY ^FS
^RX04,010101^FS
^RX05,00^FS
^RX06,020000^FS
^RX07,TWO OPPROVIDER30^FS
^RX08,2928993888^FS
^RX09,82382787^FS
^RX10, ^FS
^PQ1,0,1,Y
^XZ
```

```
Task Queued !
```

```
Select Set Up and Test ScripTalk Device Option:
```

If the printer did not print the label, check to make sure that the printer is closed very tightly. It may not have been closed completely after loading the labels.

If the printer printed a blank label or one that is extremely faint, use the *Reinitialize ScripTalk printer* option to reinitialize the printer. Then try printing the sample label again.

Once the sample label has printed, it is ready to be read by the reader. To read the label, place it near the face of the reader and hit the round power button on the reader. A series of ticks will be heard as the reader finds and retrieves the information on the label. Then the reader will begin speaking.

## Test ScripTalk Device

### [PSO SCRIPTALK TEST DEVICE]

The *Test ScripTalk Device* option can be used to send one Zebra Print Language (ZPL) test string to the ScripTalk® printer.

#### Example: Testing the ScripTalk® Device

```
Select Set Up and Test ScripTalk Device Option: TEst ScripTalk Device
Enter ZPL test string: ^AFR,20,10^FO475,50^FR^CI0^FDONE OPPATIENT23^FS
Task Queued!
```

## Reinitialize ScripTalk Printer

### [PSO SCRIPTALK REINITIALIZE]

The *Reinitialize ScripTalk Printer* option is used when the printer printed a blank label or one that is extremely faint. The user can reinitialize the printer and then try printing the label again.

#### Example: Reinitializing the Printer

```
Select Set Up and Test ScripTalk Device Option: ?

    ScripTalk Device Definition Enter/Edit
    Print Sample ScripTalk Label
    Test ScripTalk Device
    Reinitialize ScripTalk Printer

Enter ?? for more options, ??? for brief descriptions, ?OPTION for help text.

Select Set Up and Test ScripTalk Device Option: REinitialize ScripTalk Printer
Task Queued !
```

# Chapter 23: Using the Supervisor Functions Menu

---

This chapter describes the *Supervisor Functions* menu options.

## Supervisor Functions

### [PSO SUPERVISOR]

The options on this menu are used for the implementation as well as the maintenance of the various files for the basic running of the Outpatient Pharmacy software. The following options are available on the Supervisor Menu:

- *Add New Providers*
- *Daily Rx Cost*
- *Delete a Prescription*
- *Edit Provider*
- *Initialize Rx Cost Statistics*
- *Inter-Divisional Processing*
- *Inventory*
- *Lookup Clerk by Code*
- *Monthly Rx Cost Compilation*
- *Patient Address Changes Report*
- *Pharmacist Enter/Edit*
- *Purge Drug Cost Data*
- *Recompile AMIS Data*
- *Site Parameter Enter/Edit*
- *View Provider*

## Add New Providers

### [PSO PROVIDER ADD]

This option allows new providers to be entered. If at the "Enter NEW PERSON's name" prompt the name entered is repeated and the display returns to the menu, the provider name entered is already in the file. The *Edit Provider* option must then be used to change existing provider entries.

## Daily Rx Cost

### [PSO COSTDAY]

This option is used to compile pharmacy daily costs.

## Delete a Prescription

### [PSO RXDL]

Using this option, a prescription status can be changed to deleted. Deleted prescriptions do not appear on any profiles.



released prescription can only be deleted after it has been returned to stock.

## Edit Provider

### [PSO PROVIDER EDIT]

Edit existing provider entries with this option in the NEW PERSON file.



If the inactive date given for the provider passes, the provider can no longer be used when entering a new prescription. However, the provider will still be available for refills beyond the inactivation date.

## Initialize Rx Cost Statistics

### [PSO COSTINIT]

This option allows the manager to initialize the system to automatically compile cost data for one day or a range of days.



The default date is today plus 1 at 1:00 a.m. (T+1 @1:00). The date on the screen represents either a default date/time if the option has never been queued, or the current date/time this option has already been queued to run.

## Inter-Divisional Processing

### [PSO INTERDIV]

The user can permit or prevent processing between divisions with this option.

## **Inventory**

### **[PSO INVENTORY]**

Use to update the current inventory or set up a starting count of inventory for the pharmacy.



The ORDER UNIT file does not come with data. You must populate this file with your own data.

## **Look-up Clerk by Code**

### **[PSO CLERK]**

Identify the clerk by entering the identifying number. Clerk code-filing uses the internal identifying number of the clerk, which is determined at sign-on time and does not change.

## **Monthly Rx Cost Compilation**

### **[PSO COSTMONTH]**

Use this option to gather information for reports of monthly pharmacy costs.

## **Patient Address Changes Report**

### **[PSO ADDRESS CHANGE REPORT]**

This option provides a report that displays changes made to permanent and temporary mailing address information in the PATIENT file. Also, changes to the MAIL field and the MAIL STATUS EXPIRATION DATE field in the PHARMACY PATIENT file will be displayed. Changes can only be displayed if the edits were made using VA FileMan, and the Audit function was turned on for the field(s) at the time of the edit.

- For the PATIENT file, turn on auditing for:
  - STREET ADDRESS [LINE 1] field
  - ZIP+4 field
  - STREET ADDRESS [LINE 2] field
  - STREET ADDRESS [LINE 3] field
  - CITY field
  - STATE field
  - ZIP CODE field

- BAD ADDRESS INDICATOR field
- TEMPORARY ADDRESS ACTIVE? field
- TEMPORARY STREET [LINE 1] field
- TEMPORARY ZIP+4 field
- TEMPORARY STREET [LINE 2] field
- TEMPORARY STREET [LINE 3] field
- TEMPORARY CITY field
- TEMPORARY STATE field
- TEMPORARY ZIP CODE field
- TEMPORARY ADDRESS START DATE field
- TEMPORARY ADDRESS END DATE field
- For the PHARMACY PATIENT file, turn on auditing for:
  - MAIL field
  - MAIL STATUS EXPIRATION DATE field

## Example: Patient Address Changes Report

```
Select Maintenance (Outpatient Pharmacy) Option: Patient Address Changes Report

This option provides a report that displays changes made to permanent and
temporary mailing address information in the PATIENT file (#2). Also changes
to the MAIL field (#.03) and the MAIL STATUS EXPIRATION DATE field (#.05)
in the PHARMACY PATIENT file (#55) will be displayed.
Changes can only be displayed if the edits were made using VA FileMan, and the
Audit function was turned on for the field(s) at the time of the edit.

Print report for a Single patient, or All patients:  (S/A): Single// <Enter>

Select PATIENT:      OPPATIENT24,ONE           12-2-16           000345678       NSC VETERAN

This report will be sorted by Date/time of edit.
A beginning and ending date must now be entered for the search.

Beginning Date: T-100  (JUL 23, 2002)

Ending Date: T  (OCT 31, 2002)
DEVICE: HOME// <Enter>  GENERIC INCOMING TELNET <Enter>

Address changes for OPPATIENT24,ONE      (34-5678)                PAGE: 1
made between JUL 23, 2002 and OCT 31, 2002
-----

Date/time of edit: OCT 31, 2002@11:10:18
  Field edited: STREET ADDRESS [LINE 1]
    Edited by: OPPHARMACY4,THREE
  Option/Protocol: PSO LM BACKDOOR ORDERS/PSO PATIENT RECORD UPDATE
    Old Value: <no previous value>
    New Value: TEST ADDRESS LINE 1

Date/time of edit: OCT 31, 2002@11:10:21
  Field edited: STREET ADDRESS [LINE 2]
    Edited by: OPPHARMACY4,THREE
  Option/Protocol: PSO LM BACKDOOR ORDERS/PSO PATIENT RECORD UPDATE
    Old Value: <no previous value>
    New Value: TEST ADDRESS LINE 2

Date/time of edit: OCT 31, 2002@11:10:25
  Field edited: STREET ADDRESS [LINE 3]

Press Return to continue, '^' to exit:
```

## Pharmacist Enter/Edit

### [PSO RPH]

This option allows pharmacists to be identified to the system. Enter the name of the new pharmacist at the "Select Pharmacist" prompt. When the PSORPH key is shown as a default, press return. This enters the pharmacist into the file and gives him/her the PSORPH security key. To delete a pharmacist, enter the name, then enter an @ symbol at the "KEY" prompt and press return.

## Purge Drug Cost Data

### [PSO PURGE DRUG COST]

To purge drug cost data from the DRUG COST file enter a starting and ending date. Then choose to run this job immediately or queue it.

#### Example: Purge Drug Cost Data

```
Select Maintenance (Outpatient Pharmacy) Option: PURGE Drug Cost Data

Purge Cost Data Starting: FEB 1997// <Enter> (FEB 1997)
Purge Cost Data Ending: 3/97 (MAR 1997)

Are you sure you want to purge cost data
from 02/00/97 to 03/00/97? NO// Y YES

Do you want this option to run IMMEDIATELY or QUEUED? Q// <Enter> QUEUED
Requested Start Time: NOW// <Enter> (MAY 06, 1997@10:31:23)
Task #223079 QUEUED.
```

## Recompile AMIS Data

### [PSO AMIS RECOMPILE]

Gather AMIS data from various sources with this option. It is recommended that this job should be queued to run during off-peak hours or at a time that is convenient for the site.



**Note:** Month/day/year may be specified for a current month report, but only month and year can be specified for reports of past months.



## Site Parameter Enter/Edit

### [PSO SITE PARAMETERS]

This option is used to establish and edit parameters for the Outpatient Pharmacy software application. The following table lists each parameter and its corresponding description.

Site Parameter	Description
NAME	This field contains the name of the site.
MAILING FRANK STREET ADDRESS	This field is used for the address of the outpatient site.
AREA CODE	This field is used for the area code of the outpatient site.
PHONE NUMBER	This field is used for the telephone number of the outpatient site.
MAILING FRANK ZIP+4 CODE	This field is used for the zip code of the outpatient site. This field will allow zip+4 format (excluding the "-")
SITE NUMBER	This field is used to show the site/station number.
MAILING FRANK CITY	This field is used for the city in which the outpatient site is located.
MAILING FRANK STATE	This field is used to show the state in which the outpatient site resides.

The MAILING COMMENTS field is available for a site to enter any information that will show on the Mail Address label. For example, this free text entry might be "Forwarding service requested" or "Address service requested". The comments will show after the MAIL field in the Mail Address Section of the label.

Site Parameter	Description
MAILING COMMENTS	This field will be printed on the laser labels mailing address label. It can contain anything the site deems appropriate (i.e. whether mailing is "Forwarding service requested" or "Address service requested", etc.)
HOLD FUNCTION?	This site parameter is used to determine if the 'Hold' function will be used at the medical facility.
SUSPENSE FUNCTION?	This site parameter will be used to determine if the 'Suspense' feature will be used at the medical facility.
CANCEL DRUG IN SAME CLASS	Prescriptions with duplicate classes can only be discontinued if this site parameter is set to 'Yes' and if the Rx has not been put on hold through CPRS.
REFILL INACTIVE DRUG RXS	This will be used to determine if inactive drugs will be used to refill active prescriptions.
ASK METHOD OF PICKUP	This field will be used to determine if method of pickup will be asked for window prescriptions.
PASS MEDS ON PROFILE	This field is used to determine if pass medication within specified date range will be listed on profiles.
PROFILE `SORT BY' DEFAULT	This field will be used to determine the sort order of medications on profiles.
COPIES ON NEW	This field will be used to determine the number of copies for labels to print.
DRUG CHECK FOR CLERK	This field is used to determine if the duplicate drug warnings should be shown for non-pharmacist.
FEE BASIS SUPPORT	This field is used to determine if fee basis prescriptions are processed.
MULTI RX REQUEST FORM	This field is used to determine if the multiple prescription request forms are printed with medication labels.
BARCODES ON REQUEST FORMS	This field is used to determine if barcodes are printed on profiles, labels, and multi request forms.

Site Parameter	Description
BARCODES ON ACTION PROFILES	This field is used to indicate if barcodes are to print with the action profiles. The printer used must be setup or have barcode capabilities for the barcodes to print. Contact IRM to help determine which printers have barcode capabilities.
DISPLAY GROUP	This field is used to determine which bingo board display screen will be shown on the waiting room monitor.
SCREEN PROFILES	This field is used to determine if profiles are displayed when refilling and renewing medications.
EDIT PATIENT DATA	This field is used to determine if editing of patient data will be allowed.
EDIT DRUG	This field will be used to determine if drugs can be changed during prescription edit.
RENEWING RX'S ALLOWED	This field will be used to determine if renewing of medications will be allowed.
PASS MEDS CANCEL	This field is used to determine if pass medications are to be cancelled.
AUTO SUSPEND	This field is used to determine if medication that is refilled or renewed before the next possible fill date is to be placed in suspense automatically.
SHALL COMPUTER ASSIGN RX #S	This field is used to determine if the computer will auto generate prescription numbers.
PROFILE WITH NEW PRESCRIPTIONS	This field is used to determine if medication profiles are printed when new medication is ordered.
SLAVED LABEL PRINTING	This field will be used to allow printing of RX labels without being able to queue to a printer. This parameter is primarily for slaved printing of RX labels. If 'yes' is the answer the prompt or action to be taken on the label will include the '/PRINT' action.
METHADONE PROGRAM	This field will be used to determine if the site has a methadone program and if a particular drug should be prompted for.
METHADONE DRUG	This field will be used to show what drug is being used if the site has a methadone program.
DAYS TO PULL FROM SUSPENSE	This field will be used to pull a patient's medication from suspense for a specified number of days. The day range is from 0 to 10.
DAYS TO PULL SUSPENDED CS CMOP	This field will be used to pull a patient's controlled substances from suspense for CMOP medications for a specified number of days. The range is between 0 and 10.
NEW LABEL STOCK	This field will be used to determine which medication label stock will be used.
EXTERNAL INTERFACE	This field allows sites to alter the characteristics of the external interface. The Set of Codes field have the following values:  0 - the external interface is off 1 - send all drugs to the external interface; print labels locally 2 - send all drugs to the external interface; don't print labels locally 3 - send only marked drugs to the external interface; don't print labels locally 4 - send only marked drugs to external interface and print labels through VistA.
BLANK LABEL BETWEEN PATIENTS	This field will determine if a blank label should print between patients on the label printers.
VERIFYING PHARMACIST ON LABELS	This site parameter will determine if the name of the verifying pharmacist or the name of the person who made the order request will print on the Rx label. If the parameter is set to Yes the verifying pharmacist name will print.

The CPRS ORDERING INSTITUTION field in the OUTPATIENT SITE file allows multiple Institutions to be entered for the local site. If more than one Institution is entered for a site, the user can select the appropriate Institution when using the *Complete Orders from OERR* option and complete Pending Orders from clinics that are associated with the specific Institution selected.

Site Parameter	Description
CPRS ORDERING INSTITUTION	This field is used when completing orders from CPRS. If there is only one Institution entry, then when completing orders from CPRS under this Outpatient site, only those orders from that Institution will be shown. If there is more than one entry, then the Institution will be prompted for when completing orders from CPRS, and only those orders associated with that Institution selected will be shown.
RELATED INSTITUTION	Institution associated with the site.
LOGICAL LINK	This is a pointer to the Logical Link file (#870). This link is used to transmit messages to an external (client) application. This field is not filled in when messages are exchanged between DHCP applications on the same system. This field will be used as the Logical Link for the prescription if there is a Clinic associated with the prescription, and the Institution derived from that Clinic has an entry in this CPRS ORDERING INSTITUTION multiple with an associated Logical Link.
NPI INSTITUTION	This is the institution or division that has the National Provider Identifier (NPI) value for this Outpatient Site. No two Outpatient Site entries in this file should point to the same INSTITUTION file entry. (Note that the RELATED INSTITUTION field differs from this field and is the parent institution which may be the same for any or all of the Outpatient Site entries.)
AUTOMATED DISPENSE	This field will determine what version of the automated dispense machine this site is running. If the machine is older than HL7 V.2.4, enter letter O, if HL7 V.2.4 has been installed, enter 2.4.
FILE RELEASE DATE/TIME	This field is used to indicate if the release date/time is to be filed for the prescription dispensed by an external interface.
ENABLE MASTER FILE UPDATE	This field will determine if the automated dispense machines are ready to receive HL7 V.2.4 messages.
SCRIPTALK DEVICE	This field contains a pointer to the ScripTalk printer device in the device file.
SCRIPTALK AUTO-PRINT SETTINGS	Set this to 'A' to have a ScripTalk label automatically print for ScripTalk-enrolled patients whenever their regular medication label prints. Set to 'M' if ScripTalk labels will be printed manually.
LABEL/PROFILE MONITOR MAX 0	Maximum number of label/profiles to be stored in the Label/Profile Monitor list for each printer device. The default and minimum value for this number is 1000. Each time the printer is used an entry is made in the Label/Profile monitor and if the monitor holds more entries than specified by this parameter, the oldest entry is deleted.
NARCOTICS NUMBERED DIFFERENTLY	This field is used to determine if narcotics will be numbered differently from other medications/supplies.
NARCOTIC LOWER BOUND	This field is used to determine what prescription numbers narcotics are to start with if narcotics are numbered differently from other prescriptions/supplies.
NARCOTIC UPPER BOUND	This field is used to determine the highest prescription number used for narcotics if this type of medication is numbered differently from other medications/supplies.
LAST NARCOTIC NUMBER ISSUED	This field is used to indicate last number issued for narcotic medications.
IB SERVICE/SECTION	Select the appropriate entry in the Service/Section file (#49) that is to be used for the Pharmacy Copayment/Integrated Billing procedures.

Site Parameter	Description
NARRATIVE FOR COPAY DOCUMENT	This field contains information from the site regarding the copayment procedures for the patient to follow upon receipt of the copay document. For example, information may include a telephone number to call regarding billing inquiries, a payment mailing address, etc.
NARRATIVE REFILLABLE RX	This field contains information from the site regarding procedures for the patient to obtain a refill of his refillable medication. May include the address, phone number, etc. that will assist the patient.
NARRATIVE NON-REFILLABLE RX	This field contains information from the site regarding procedures for the patient to obtain a new prescription for his non-refillable medication. This field may contain address, phone number, etc that will assist the patient.
CHARGE LOCATION	This field is a pointer to the Hospital Location File (#44). Multi-division sites should populate this field for each division. This data could be obtained from the Business Office of the Medical Center.

The CHARGE LOCATION field is used to group charges in the COTS billing system according to the type of service.

#### IMPORTANT

Entering and defining the Charge Locations is crucial to the success of this function. Initially, however, a unique Outpatient Pharmacy Location must be entered in the HOSPITAL LOCATION file by Registration or Scheduling. It is recommended that the Location be coordinated with the Medical Center's business office. A Charge Location should be defined for every division currently in the OUTPATIENT SITE file, which means that there could be multiple hospital locations or one location for all divisions.

If a Charge Location is not defined for a particular division, Outpatient Pharmacy will search all active divisions in the OUTPATIENT SITE file for a Charge Location entry and use the first one it finds. If the PFSS switch is ON and no Charge Locations are defined in any divisions, the information will not be passed on to IB or the COTS billing system and no charge takes place.

Information in the CHARGE LOCATION field cannot be deleted, but it can be replaced with entry of another Charge Location.

Site Parameter	Description
NCPDP NUMBER	This field is the site-specific National Council for Prescription Drug Programs number (NCPDP), formerly referred to as the National Association of Boards of Pharmacy Number (NABP).
PRESCRIPTION # LOWER BOUND	This field is used to enter the lowest prescription number for this site.
PRESCRIPTION # UPPER BOUND	This field is used to enter the highest prescription number for this site.
LAST PRESCRIPTION # ISSUED	This field is used to store the last RX number used.
INACTIVE DATE	This date will indicate that the Outpatient Site is no longer active, and cannot be selected through the Outpatient Pharmacy options.

Site Parameter	Description
LOGICAL LINK	This is a pointer to the Logical Link file (#870). This link is used to transmit messages to an external (client) application. This field is not filled in when messages are exchanged between DHCP applications on the same system. This field will be used as the Logical Link for the prescription if there is no Clinic associated with the prescription, or if there is a Clinic associated with the prescription, but the Institution derived from that Clinic does not have an entry in the CPRS ORDERING INSTITUTION multiple with an associated Logical Link for that Outpatient Site entry.
DISPENSE DNS NAME	This is the DNS computer name of the automated dispensing machine that is used for this outpatient site division.
DISPENSE DNS PORT	Enter the DNS port number associated with the automated dispense machine for this outpatient pharmacy site division.
DISPENSING SYSTEM PRINTER	This field identifies the name of the dispensing system printer device. When the user selects this printer device and the external interface is in use, an HL7 message will be generated.

The following example displays all of the prompts that are possible with the Site Parameter Enter/Edit option. The prompts displayed at each site will depend upon that site's settings.

#### Example: Site Parameter Enter/Edit - all fields

```
Select Maintenance (Outpatient Pharmacy) Option: SITE Parameter Enter/Edit

Select SITE NAME: ALBANY      500
Would you like to see all site parameters for this division? Y// NO

NAME: ALBANY// <Enter>
MAILING FRANK STREET ADDRESS: 114 ANYSTREET AVE// <Enter>
AREA CODE: 555// <Enter>
PHONE NUMBER: 555-1234// <Enter>
MAILING FRANK ZIP+4 CODE: 55555// <Enter>
SITE NUMBER: 123// <Enter>
NCPDP NUMBER: <Enter>
MAILING FRANK CITY: ANY CITY// <Enter>
MAILING FRANK STATE: ANY STATE// <Enter>
MAILING COMMENTS: <Enter>
INACTIVE DATE: <Enter>
HOLD FUNCTION?: NO// <Enter>
SUSPENSE FUNCTION?: YES// <Enter>
CANCEL DRUG IN SAME CLASS: YES// <Enter>
REFILL INACTIVE DRUG RXS: YES// <Enter>
ASK METHOD OF PICKUP: YES// <Enter>
PASS MEDS ON PROFILE: YES// <Enter>
PROFILE `SORT BY' DEFAULT: DATE// <Enter>
COPIES ON NEW: YES// <Enter>
DRUG CHECK FOR CLERK: YES// <Enter>
FEE BASIS SUPPORT: YES// <Enter>
MULTI RX REQUEST FORM: YES// <Enter>
BARCODES ON REQUEST FORMS: BOTH// <Enter>
BARCODES ON ACTION PROFILES: YES// <Enter>
VERIFICATION: YES// <Enter>
DISPLAY GROUP: OUTPATIENT// <Enter>
SCREEN PROFILES: YES// <Enter>
EDIT PATIENT DATA: YES// <Enter>
EDIT DRUG: YES// <Enter>
RENEWING RX'S ALLOWED: YES// <Enter>
PASS MEDS CANCEL: NO// <Enter>
```

### Example: Site Parameter Enter/Edit - all fields (continued)

```
AUTO SUSPEND: YES// <Enter>
SHALL COMPUTER ASSIGN RX #S: YES// <Enter>
PROFILE WITH NEW PRESCRIPTIONS: NO// <Enter>
SLAVED LABEL PRINTING: YES// <Enter>
METHADONE PROGRAM: NO// <Enter>
METHADONE DRUG: METHADONE SOLUTION (METHADOSE)// <Enter>
DAYS TO PULL FROM SUSPENSE: 2// <Enter>
DAYS TO PULL SUSPENDED CS CMOP: <Enter>
NEW LABEL STOCK: YES// <Enter>
EXTERNAL INTERFACE: SEND ALL ORDERS AND PRINT LABEL
// <Enter>
Select DISPENSING SYSTEM PRINTER: <Enter>
BLANK LABEL BETWEEN PATIENTS: <Enter>
VERIFYING PHARMACIST ON LABELS: YES// <Enter>
AUTOMATED DISPENSE: HL7 V.2.4// <Enter>
FILE RELEASE DATE/TIME: YES// <Enter>
ENABLE MASTER FILE UPDATE: <Enter>
DISPENSE DNS NAME: <Enter>
DISPENSE DNS PORT: <Enter>
Select CPRS ORDERING INSTITUTION: TROY// <Enter>
  CPRS ORDERING INSTITUTION: TROY// <Enter>
  LOGICAL LINK: <Enter>
Select CPRS ORDERING INSTITUTION: <Enter>
RELATED INSTITUTION: ALBANY// <Enter>
NPI INSTITUTION: <Enter>
LABEL/PROFILE MONITOR MAX: 1000// <Enter>
NARCOTICS NUMBERED DIFFERENTLY: YES// <Enter>
NARCOTIC LOWER BOUND: 10000// <Enter>
NARCOTIC UPPER BOUND: 99999// <Enter>
PRESCRIPTION # LOWER BOUND: 100000999// <Enter>
PRESCRIPTION # UPPER BOUND: 500000000// <Enter>
IB SERVICE/SECTION: PHARMACY// <Enter>
NARRATIVE FOR COPAY DOCUMENT: <Enter>
```

*The copay narrative displays here.*

```
Edit? NO//
NARRATIVE REFILLABLE RX:
*****
```

*The narrative for refillable RXs displays here.*

```
*****
```

```
Edit? NO// <Enter>
NARRATIVE NON-REFILLABLE RX:. . .
. . .
```

*The narrative for non-refillable RXs displays here.*

```
=====
Edit? NO// <Enter>
LOGICAL LINK: <Enter>
1.
```

## View Provider

### [PSO PROVIDER INQUIRE]

This option provides a way to quickly look up basic data for a single provider.

```
Select Supervisor Functions Option: VIEW Provider

Select Provider: OPPROVIDER,THREE  OPPROVIDER,THREE      TO
PROVIDER

Name: OPPROVIDER,THREE
Initials: TO
NON-VA Prescriber: No          Tax ID:
Exclusionary Check Performed:  Date Exclusionary List Checked:
On Exclusionary List:
Exclusionary Checked By:
Authorized to Write Orders: Yes
Requires Cosigner: No          DEA#
Class:                          VA#
Type: Unknown                  NPI#
Remarks:
Synonym(s):  TO
Service/Section: PHARMACY

Select Provider:
```

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## Chapter 24: Using the Suspense Functions

---

This chapter describes the *Suspense Functions* menu options used for handling suspended prescriptions.

### Suspense Functions

#### [PSOPND]

The *Suspense Functions* menu allows the user to print or delete various entries and print out statistics about entries in the RX SUSPENSE file. This file contains prescription labels that have been suspended for printing at a later time. Each prescription label has with it an associated suspense date which is the same as the fill or refill date.

There are eight *Suspense Functions* options that allow the user to manipulate the data in the RX SUSPENSE file:

- *Auto-delete from Suspense*
- *Change Suspense Date*
- *Count of Suspended Rx's by Day*
- *Delete Printed Rx's from Suspense*
- *Log of Suspended Rx's by Day (this Division)*
- *Print from Suspense File*
- *Pull Early from Suspense*
- *Reprint Batches from Suspense*

### Auto-delete from Suspense

#### [PSO PNDEL]

The *Auto-delete from Suspense* option is the same as the V. 6.0 option *Delete from Suspense File*. This option allows deletion of the records of all the prescriptions that have already been printed prior to the user specified number of days. This specified number of days must be set from 7 to 90 days at the "DAYS PRINTED RX STAYS IN 52.5" prompt in the *Site Parameter Enter/Edit* option. The task is set to run every 7 days at the user specified time. The user may also re-queue or de-queue this task using this option. Once a prescription is deleted from suspense, it cannot be reset for reprinting. This option will delete based on the date the prescription was printed from suspense, not the date that it was originally suspended for. The reason for this is that one batch may print on a certain day with prescriptions with different original suspense dates. This job will therefore never delete only part of a printed batch.

### Example: Auto-delete from Suspense

```
Select Suspense Functions Option: Auto-delete from Suspense
```

---

```
                                Edit Option Schedule
Option Name: PSO PNDEL1
Menu Text: Auto-delete from Suspense                                TASK ID: 1091148
```

---

```
QUEUED TO RUN AT WHAT TIME: JUL 13,1997@01:00
DEVICE FOR QUEUED JOB OUTPUT:
QUEUED TO RUN ON VOLUME SET:
    RESCHEDULING FREQUENCY: 8D
    TASK PARAMETERS:
    SPECIAL QUEUEING:
```

---

```
COMMAND:                                Press <PF1>H for help    Insert
```

## Change Suspense Date

### [PSO PNDCHG]

This option allows the suspense date for a specific prescription or all prescriptions for a patient to be changed. The new suspense date will become the fill/refill date automatically. The user is also given the opportunity to delete a specific prescription, or all prescriptions for a patient, from suspense while in this option. If a refill is deleted from suspense that has not yet been printed, the refill information will be deleted from the prescription, and the various fill dates will be adjusted accordingly. This option does not produce a label.

## Count of Suspended Rx's by Day

### [PSO PNDCNT]

This option allows printing of a list showing the total number of prescriptions in the RX SUSPENSE file for every day in the specified time period.

This option can help the pharmacy anticipate the workload for particular days.

## Delete Printed Rx's from Suspense

### [PSO PNDPRI]

With this option printed prescriptions can be deleted from suspense manually. Basically, it does the same thing as the *Auto-delete from Suspense* option, but it prompts the user to delete a single prescription, all prescriptions for one patient, all prescriptions for a given date range, or all prescriptions that have printed in a batch.

A batch is the group of labels that printed for a particular Print from Suspense File job. For example, if for one day, the *Print from Suspense File* option is queued 3 times, three batches will be printed for that day. (See the *Print from Suspense File* option.)

If it is necessary to reset and reprint the suspense labels and only selected labels are wanted, those not wanted can be deleted from the batch. The deleted labels will not be reprinted as part of the batch.

## Log of Suspended Rx's by Day (this Division)

### [PSO PNDLOG]

Using this option, the manager can print a report by division of all suspended prescriptions sorted either by patient or identification number. The log contains the prescription number, patient name, drug name, type, and print status.

The *Log of Suspended Rx's by Day (this Division)* [PSO PNDLOG] option is updated to add a new column showing the B/D/F (Bad Address Indicator/ Do Not Mail/ Foreign Address) status of the prescription.

## Print from Suspense File

### [PSO PNDLBL]

This option allows the user to print labels from the RX SUSPENSE file. First, enter the "Print Through" date. Any prescriptions with a suspense date on or before the date entered will print. Additionally, if a patient has at least one prescription on or before the date entered, any other prescriptions for that patient that are in suspense will be printed for the site parameter specified number of days to be pulled from suspense.

For example, if today's date is entered and Patient A has a prescription to be printed through the date entered, all of Patient A's prescriptions between the date entered plus the number of days set in the local site parameter will be printed. If there are no prescriptions for Patient A through the date entered, no labels will print.

Labels can be sorted by the patient name, the SSN, or the DEA Special Handling code. If sorted by DEA, the labels must then sort by patient name or SSN. Sorting by DEA will send the labels to the printer in three groups:

- **First group** – will contain all the prescriptions with drugs that contain an “A” (narcotics and alcoholics) or a “C” (controlled substances-non narcotic) in the DEA Special Handling field.
- **Second group** – will contain all the prescriptions with drugs containing an “S” (supply) in the DEA Special Handling field.
- **Third group** – will contain all others. If a patient has prescriptions in suspense that fall in all three categories, that patient's labels will be printed three times, once in each group.

Only one job is tasked for all of the prescriptions in the batch; therefore, if the job is queued by mistake, only one tasked job must be undone. Any prescription that is put in suspense for the "Print Through Date" between the times the job was queued until the time it actually runs will be included in the job.

Labels for each job printed from suspense will be part of a batch. Each batch is identified by the Division, the user who queued the batch, and the date/time that the job was queued to begin.



Prescriptions pulled early from suspense will not be part of a batch, so they will not be able to be reprinted through the *Reprint Batches from Suspense* option.

A short profile for every patient for whom a label for a new prescription is being printed will also be printed if the local Profile with New Prescriptions site parameter is set to Yes.



If a patient has partial prescriptions with regular fills, only one set of trailing documents will print for that patient. (In V. 6.0 trailer documents were printed after each partial.)

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

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) 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.

## **¾ Days Supply Hold**

Sites were seeing a great number of refill-too-soon third party claim rejections due to prescriptions being filled too early. To help prevent this for ePharmacy prescriptions, the system will now verify that ¾ of the days supply has elapsed on the previous fill before the prescription may be refilled. The following list describes the changes.

- ePharmacy prescriptions are delayed from being sent to CMOP and printed for local mail until ¾ of the days supply has elapsed.
- An activity log entry will state the date/time that the Rx will be allowed to be removed from suspense. The activity log will be defined on the initial evaluation. The following is an example of the log entry:

4	06/18/08	SUSPENSE	REFILL 2	OPHARM,ONE
Comments: ¾ of Days Supply SUSPENSE HOLD until 6/20/08.				

- The Pull Early from Suspense function is not impacted by this added functionality. Users may pull these type prescriptions early from suspense.

## **Host Errors**

Prescriptions (ePharmacy only) will be prevented from being filled/sent to CMOP when a host processing error occurs as a claim is submitted through ECME. Host processing errors are identified by reject codes M6, M8, NN, and 99 which are returned by the third party payer. The following conditions apply when this scenario occurs.

- The transmission of the prescription fill will be delayed 1 day in hopes that the host processing issues will be resolved by the third party payer.
- An activity log entry will state the date/time along with a comment stating that the Rx/fill was left in suspense hold due to a host processing error. The following is an example of the log entry:

2	06/25/08	SUSPENSE	ORIGINAL	OPPHARM,TWO
Comments: SUSPENSE HOLD until 6/26/08 due to host reject error.				

- The Pull Early from Suspense function is not impacted by this added functionality. Users may pull these type prescriptions early from suspense.

There is no user interaction for this function. It initiates when the Print from Suspense [PSO PNDLBL] option is initiated for CMOP prescriptions.

## **TRICARE**

If a TRICARE claim is not ePharmacy billable or is not payable by the third-party payer, then the label will not be printed and the RX will not be filled.

## 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, and they will always be deleted from suspense.



If the routing is changed to “Window” when pulling from suspense early and the bingo board is being used, those prescriptions will be sent to the bingo board.

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) 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.

## 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.

## Reprint Batches from Suspense

### [PSO PNRPT]

This option enables the user to reset the RX SUSPENSE file so that labels in a batch that have already been printed once can be printed again. This option is useful if certain portions of the previously printed labels are unusable.

A prompt is shown for a date range, and within the date range entered all of the batches that have printed from suspense and all the labels associated with each batch are shown. Next, the user can choose to reprint any number of batches. Whichever batch or batches is chosen to reprint, only the labels printed with that batch will be reprinted in the same order they were printed originally. If a prescription or prescriptions have been deleted using the *Delete Printed Rx's from Suspense* option, it will be excluded from the batch to be reset and reprinted.



Prescriptions pulled early from suspense will not be part of a batch, so they will not be able to be reprinted through the Reprint Batches from Suspense option.

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## Chapter 25: Updating a Patient's Record

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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

```
Select Outpatient Pharmacy Manager Option: 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? N// Y YES
Update (P)ermanent address, (T)emporary, or (B)oth: BOTH// <Enter>
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// <Enter> 555-555-1653
PHONE NUMBER [WORK]:
BAD ADDRESS INDICATOR: ? <Enter>

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>
```

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## Chapter 26: Verifying Prescriptions

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This chapter describes the option and methods used for verifying prescriptions.

### Verification

#### [PSO VER]

Pharmacists use the *Verification* menu to verify prescriptions with a non-verified status; obtain a listing of those remaining non-verified prescriptions; or calculate the number of non-verified prescriptions by entering the patient or the clerk.

The following options are available on the *Verification* menu:

- *List Non-Verified Scripts*
- *Non-Verified Counts*
- *Rx Verification by Clerk*

If the verification site parameter is set to “YES”, new prescriptions entered by a non-pharmacist (i.e., someone who does not hold the PSORPH key) will be put in a non-verified status, entered into the non-verified orders file, and will not be made active (nor will labels be printed) until they are reviewed and verified by a pharmacist. When new and renewed prescriptions for a patient are verified, all labels for that patient will be printed together. If a patient has refills only, these labels will be printed as they are entered.

A pharmacist may choose to verify all entries made by a particular technician rather than all the prescriptions for an individual patient.



Prescriptions in a non-verified status can not be canceled, edited, or deleted through the usual options. If a non-verified prescription is auto canceled on admission, it can be reinstated, but it returns to the non-verified status.

Verifying an ePharmacy order is similar to finishing an order. For an example, see “[Verifying ePharmacy Orders](#)” at the end of the “Verification through Patient Prescription Processing” section.

Incorporating enhanced dosing checks in the verification process (PSO\*7\*251):

- When the VERIFICATION outpatient site parameter is set to ‘Yes’, dosage check warnings are displayed to a user who does not hold the PSORPH key when entering a new outpatient medication order through the backdoor or when finishing a pending order.
- When the VERIFICATION outpatient site parameter is set to ‘No’, dosage check warnings are displayed to a user who does not hold the PSORPH key when entering a new outpatient order through the backdoor.
- When the VERIFICATION outpatient site parameter is set to ‘No’, a user who does not hold the PSORPH key will not be allowed to finish a pending order.



- A user who does not hold the PSORPH key, regardless of how the VERIFICATION outpatient site parameter is set to, shall not be prompted to take any intervention action on a dosage check warning.

The *Patient Prescription Processing* [PSO LM BACKDOOR ORDERS] and *Complete Orders from OERR* [PSO LMOE FINISH] options have been modified to incorporate the above functionality.

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## List Non-Verified Scripts

### [PSO VRPT]

This option allows the user to obtain a list of all scripts remaining in a status of 'Non-Verified' by either patient or entering clerk.

#### Example: Non-verified prescriptions (sorted by patient)

```
Select Outpatient Pharmacy Manager Option: Verification

Select Verification Option: List Non-Verified Scripts
Sort By Patient or Clerk: P// <Enter> ATIENT
DEVICE: HOME// [Select Print Device]

                                NON-VERIFIED PRESCRIPTIONS
                                AS OF JUL 16,2007@14:49:54
                                SORTED BY PATIENT
                                (# indicates Critical Drug Interaction)

Patient name                                Page: 1
Rx #      Issued      Drug                                Entry By
-----
OPPATIENT,FIVE
100001860A   04/01/04  ACETAMINOPHEN 1000MG TABLET                100000000028

OPPATIENT,FOUR
100001591A   07/27/98  ASPIRIN BUFFERED 325MG TAB                    11733

OPPATIENT,ONE
100001853    10/23/02  ERYTHRITYL TETRANIT. 10MG TAB                100000000022

OPPATIENT,TWELVE
100001854    11/25/02  ACETAMINOPHEN 1000MG TABLET                100000000022
100001798A   04/19/99  INSULIN NPH U-100 INJ (PORK)                100

Select Verification Option:
```

## Non-Verified Counts

### [PSO NVCNT]

This option allows the user to obtain a count of the number of prescriptions remaining in a status of non-verified.

#### Example: Total of Non-verified prescriptions

```
Select Verification Option: NON-Verified Counts
DEVICE: HOME// [Select Print Device]

                                NON-VERIFIED PRESCRIPTION COUNTS
                                JUL 16,2007@14:57:34

TOTAL NUMBER OF NON-VERIFIED PRESCRIPTIONS : 12

NUMBER OF PATIENTS WITH ONE OR MORE NON-VERIFIED PRESCRIPTIONS : 9

(NOTE: Total number of patients listed here may not always equal the number at
the bottom, since some patients at the bottom may be counted more than once,
possibly having non-verified Rx's entered on different days.)

      # of          # of
      Date      Non-verified Rx's      Different Patients
      ----      -
07-27-98          1              1
05-18-99          2              1
06-22-00          2              2
TOTAL              5              4

Enter RETURN to continue or '^' to exit:
```

## Rx Verification by Clerk

### [PSO VR]

This option verifies prescriptions in the non-verified status by entering the clerk.

## Verification through Patient Prescription Processing

Prescriptions can be verified through the *Patient Prescription Processing* option. The following screen shows that the patient has already been chosen and the Patient Information screen is displayed. Sequence **92** in the Non-Verified section is being chosen to be verified.

```

Medication Profile      Oct 26, 2004@15:54:11      Page:      9 of      9
OPPATIENT,ONE
  PID: 000-33-9521      Ht (cm): 175.26 (08/10/2004)
  DOB: OCT 10, 1970 (34) Wt (kg): 75.45 (08/10/2004)
  SEX: MALE

                                     ISSUE  LAST REF DAY
+
84 100476      PHENYTOIN 30MG CAP      180 DC 04-02 04-02      0 90
85 101064A$    POVIDONE IODINE SCRUB (OZ)      12 DC 07-09 08-03      0 15
86 101427      PREDNISONE 1MG TAB      180 DC 10-25 10-25      3 90
87 101152      PROBENECID 500MG TAB      180 DC 07-26 08-03      3 90
88 100307      QUININE SULFATE 200MG CAP      180 DC>02-22 02-22      3 90
89 100308      RIFAMPIN 300MG CAP      180 DC 02-22 02-22      3 90
90 100561      SYRINGE 5CC      90 DC 04-07 04-07      0 90
91 100626      VITAMIN A 25000 UNT CAP      180 DC>04-23 04-23      3 90
-----NON-VERIFIED-----
92 101435      CALCITRIOL 0.25MCG CAP      180 N> 10-26 10-26      3 90

+      Enter ?? for more actions
PU Patient Record Update      NO New Order
PI Patient Information      SO Select Order
Select Action: Quit// 92
  
```

The prescription information displays, and **VF** for Verification is entered to begin the verification process.

```

OP Medications (NON-VERIFIED) Oct 26, 2004@18:01:44      Page:      1 of      2
OPPATIENT,ONE
  PID: 000-33-9521      Ht (cm): 175.26 (08/10/2004)
  DOB: OCT 10, 1970 (34) Wt (kg): 75.45 (08/10/2004)

      Rx #: 101435
(1) *Orderable Item: MAGNESIUM CITRATE LIQUID,ORAL
(2)      CMOP Drug: CALCITRIOL 0.25MCG CAP
(3)      *Dosage: 0.25 (MCG)
      Verb: TAKE
      Dispense Units: 1
      Noun:
      *Route: INTRAVENOUS SUBCUTANEOUS INTRATHECAL
      *Schedule: BID
(4)Pat Instructions:
      SIG: TAKE ONE IV SC INTH TWICE A DAY
(5) Patient Status: SC LESS THAN 50%
(6)      Issue Date: 10/26/04      (7) Fill Date: 10/26/04
      Last Fill Date: 10/26/04 (Window)
+      Enter ?? for more actions
DC (Discontinue)      PR (Partial)      RL (Release)
ED (Edit)      RF (Refill)      RN (Renew)
Select Action: Next Screen// VF
  
```

The system displays the verification screen. The user can respond Y to edit, N not to edit or P to display a profile. In this example, **Y** is entered to edit the prescription.

```

RX: 101435    PATIENT: OPPATIENT,ONE (000-33-9521)
STATUS: Non-Verified
      DRUG: CALCITRIOL 0.25MCG CAP
      QTY: 180      90 DAY SUPPLY
      SIG: TAKE ONE IV SC INTH TWICE A DAY
      LATEST: 10/26/2004      # OF REFILLS: 3    REMAINING: 3
      ISSUED: 10/26/04      PROVIDER:
      LOGGED: 10/26/04      CLINIC: NOT ON FILE
      EXPIRES: 10/27/05      DIVISION: ALBANY ISC (500)
      CAP: NON-SAFETY      ROUTING: WINDOW
      ENTRY BY: OPPROVIDER,ONE      VERIFIED BY:

PATIENT STATUS : SC LESS THAN 50%      COPIES : 1
EDIT: (Y/N/P): N// Y

```

The prescription displays in edit mode.

```

OP Medications (NON-VERIFIED) Oct 26, 2004@18:04:46      Page: 1 of 2
OPPATIENT,ONE      <A>
  PID: 000-33-9521      Ht (cm): 175.26 (08/10/2004)
  DOB: OCT 10, 1970 (34)      Wt (kg): 75.45 (08/10/2004)

      Rx #: 101435
(1) *Orderable Item: MAGNESIUM CITRATE LIQUID,ORAL
(2)      CMOP Drug: CALCITRIOL 0.25MCG CAP
(3)      *Dosage: 0.25 (MCG)
      Verb: TAKE
      Dispense Units: 1
      Noun:
      *Route: INTRAVENOUS SUBCUTANEOUS INTRATHECAL
      *Schedule: BID
(4) Pat Instructions:
      SIG: TAKE ONE IV SC INTH TWICE A DAY
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 10/26/04      (7) Fill Date: 10/26/04
      Last Fill Date: 10/26/04 (Window)
+      Enter ?? for more actions
DC Discontinue      PR (Partial)      RL (Release)
ED Edit      RF (Refill)      RN (Renew)
Select Action: Next Screen// 1

```

By selecting the orderable item or drug, the user can edit and/or enter the ICD-9 Diagnosis Codes that apply to the prescription. The following shows **1** for orderable item was selected for editing, and the orderable item was not changed. The ICD-9 codes are entered and accepted.

```

OP Medications (NON-VERIFIED) Oct 26, 2004@18:04:46          Page:    1 of    2
OPPATIENT,ONE                                              <A>
  PID: 000-33-9521                                         Ht (cm): 175.26 (08/10/2004)
  DOB: OCT 10, 1970 (34)                                   Wt (kg): 75.45 (08/10/2004)

Current Orderable Item: MAGNESIUM CITRATE LIQUID,ORAL
Select PHARMACY ORDERABLE ITEM NAME: MAGNESIUM CITRATE//  MAGNESIUM CITRATE
LIQUID,ORAL

Previously entered ICD-9 diagnosis codes:
  Primary:

Select Primary ICD-9 Code: 121.1 121.1      CLONORCHIASIS
...OK? Yes// <Enter> (Yes)

Select Secondary ICD-9 Code: 121.2 121.2      PARAGONIMIASIS
...OK? Yes// <Enter> (Yes)

Select Secondary ICD-9 Code: 121.3 121.3      FASCIOLIASIS
...OK? Yes// <Enter> (Yes)

Select Secondary ICD-9 Code: <Enter>
Are You Sure You Want to Update Rx 101435? Yes// <Enter> YES

```

Once the information is accepted, the prescription appears in Edit mode, and the verification process may begin again by entering VF.

```

OP Medications (NON-VERIFIED) Oct 26, 2004@18:06:05          Page:    1 of    2
OPPATIENT,ONE                                              <A>
  PID: 000-33-9521                                         Ht (cm): 175.26 (08/10/2004)
  DOB: OCT 10, 1970 (34)                                   Wt (kg): 75.45 (08/10/2004)

Rx #: 101435
(1) *Orderable Item: MAGNESIUM CITRATE LIQUID,ORAL
(2)      CMOP Drug: CALCITRIOL 0.25MCG CAP
(3)      *Dosage: 0.25 (MCG)
          Verb: TAKE
          Dispense Units: 1
          Noun:
          *Route: INTRAVENOUS SUBCUTANEOUS INTRATHECAL
          *Schedule: BID
(4) Pat Instructions:
          SIG: TAKE ONE IV SC INTH TWICE A DAY
(5) Patient Status: SC LESS THAN 50%
(6) Issue Date: 10/26/04                                (7) Fill Date: 10/26/04
    Last Fill Date: 10/26/04 (Window)
+      Enter ?? for more actions
DC Discontinue      PR (Partial)      RL (Release)
ED Edit            RF (Refill)        RN (Renew)
Select Action: Next Screen// VF

```

The Verification screen appears and “NO” is entered for the edit prompt. By entering “Yes” to the Verify prompt, verification is completed and the prescription is moved from the Non-Verified section to the Active section of the Medication Profile.

```
RX: 101435    PATIENT: OPPATIENT,ONE (000-00-0659)
STATUS: Non-Verified
      DRUG: CALCITRIOL 0.25MCG CAP
      QTY: 180      90 DAY SUPPLY
      SIG: TAKE ONE IV SC INTH TWICE A DAY
      LATEST: 10/26/2004      # OF REFILLS: 3  REMAINING: 3
      ISSUED: 10/26/04      PROVIDER:
      LOGGED: 10/26/04      CLINIC: NOT ON FILE
      EXPIRES: 10/27/05      DIVISION: ALBANY ISC (500)
      CAP: NON-SAFETY      ROUTING: WINDOW
      ENTRY BY: OPPHARMACIST,ONE      VERIFIED BY:

PATIENT STATUS : SC LESS THAN 50%      COPIES : 1
EDIT: (Y/N/P): N// NO
VERIFY FOR TEST,BA ? (Y/N/Delete/Quit): Y// <Enter>
```

# Verifying ePharmacy Orders

Verifying an ePharmacy order is similar to finishing an order. After the user reviews the ePharmacy order and chooses to accept the order, the billing data is sent to ECME, which sends a message back to Outpatient Pharmacy displaying the status of the claim. The ECME section of the Activity Log is also updated.

```
RX: 101435    PATIENT: OPPATIENT,FOUR (000-01-1322P)
STATUS: Non-Verified
      DRUG: ENTEX CAP
      QTY: 10      10 DAY SUPPLY
      SIG: TAKE 25MG BY BY MOUTH EVERY DAY FOR 10 DAYS WITH FOOD
      LATEST: 11/05/2005      # OF REFILLS: 0    REMAINING: 0
      ISSUED: 11/05/2005      PROVIDER:
      LOGGED: 11/05/2005      CLINIC: NOT ON FILE
      EXPIRES: 11/15/2005      DIVISION: ALBANY ISC (500)
      CAP: NON-SAFETY      ROUTING: WINDOW
      ENTRY BY: OPPHARMACIST,ONE      VERIFIED BY:

PATIENT STATUS : SC LESS THAN 50%      COPIES : 1
EDIT: (Y/N/P): N// NO
VERIFY FOR OPPHARMACIST4,THREE ? (Y/N/Delete/Quit): Y// <Enter>

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//
```

Enhanced dosing checks (PSO\*7\*151) in the verification process examples:

## Verification Parameter set to Yes – Backdoor New Order Entry – No PSORPH key

```
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%: 50
RX PATIENT STATUS: SC//
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

Now Processing Enhanced Order Checks! Please wait...
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:
This is a required response. Enter '^' to exit
Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 900MG

You entered 900MG is this correct? Yes//  YES
VERB: TAKE
DISPENSE UNITS PER DOSE(TABLET): 3// 3
Dosage Ordered: 900MG

NOUN: TABLET
ROUTE: PO//  ORAL  PO  MOUTH
Schedule: QID//  TID (THREE TIMES DAILY)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:

CIMETIDINE 300MG TAB: Single dose amount of 900 MILLIGRAMS exceeds the maximum single
dose amount of 800 MILLIGRAMS.

CIMETIDINE 300MG TAB: Total dose amount of 2700 MILLIGRAMS/DAY exceeds the dosing
range of 400 MILLIGRAMS/DAY to 2400 MILLIGRAMS/DAY.

PATIENT INSTRUCTIONS:

(TAKE THREE TABLETS BY MOUTH THREE TIMES DAILY)

DAYS SUPPLY:  (1-90): 90//
QTY ( TAB ) DISP IN MULTIPLES OF 100: 2160// 270
COPIES: 1// 1
# OF REFILLS:  (0-3): 3//
PROVIDER:  OPPROVIDER,TWO
CLINIC:
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
REMARKS:
ISSUE DATE: TODAY//  (APR 23, 2008)
FILL DATE:  (4/23/2008 - 4/24/2009): TODAY//  (APR 23, 2008)
Nature of Order: WRITTEN//  W

Rx # 2629 04/23/08
OPPATIENT,THREE #270
TAKE THREE TABLETS BY MOUTH THREE TIMES DAILY

CIMETIDINE 300MG TAB
OPTECH,ONE OPTECH,ONE
# of Refills: 3

SC Percent: 50%
Disabilities: NONE STATED

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

Another New Order for OPPATIENT,THREE? YES// NO

```

### Backdoor New Order Entry – Verification Parameter set to No – No PSORPH key

```

Select Action: Quit// NO  New Order

Eligibility: SERVICE CONNECTED 50% to 100%  SC%: 50
RX PATIENT STATUS: SC//
DRUG: INDINAVIR
Lookup: GENERIC NAME
INDINAVIR 400MG CAP AM800

```

```

...OK? Yes// (Yes)

Now Processing Enhanced Order Checks! Please wait...

VERB: TAKE
Available Dosage(s)
    1. 400MG
    2. 800MG

Select from list of Available Dosages, Enter Free Text Dose
or Enter a Question Mark (?) to view list: 1200MG

You entered 1200MG is this correct? Yes// YES
VERB: TAKE
DISPENSE UNITS PER DOSE(CAPSULE): 3// 3
Dosage Ordered: 1200MG

NOUN: CAPSULE
ROUTE: ORAL// ORAL
Schedule: Q8H// (EVERY 8 HOURS)
LIMITED DURATION (IN DAYS, HOURS OR MINUTES):
CONJUNCTION:

    INDINAVIR 400MG CAP: Single dose amount of 1200 MILLIGRAMS exceeds the maximum single
    dose amount of 1000 MILLIGRAMS.

    INDINAVIR 400MG CAP: Total dose amount of 3600 MILLIGRAMS/DAY exceeds the dosing range
    of 800 MILLIGRAMS/DAY to 2400 MILLIGRAMS/DAY.

PATIENT INSTRUCTIONS:

(TAKE THREE CAPSULES BY MOUTH EVERY 8 HOURS)

DAYS SUPPLY: (1-90): 90//
QTY ( CAP ) : 270// 810
COPIES: 1// 1
# OF REFILLS: (0-3): 3//
PROVIDER:
PROVIDER:      OPPROVIDER,TWO
CLINIC:
MAIL/WINDOW: WINDOW// WINDOW
METHOD OF PICK-UP:
REMARKS:
ISSUE DATE: TODAY// (APR 23, 2008)
FILL DATE: (4/23/2008 - 4/24/2009): TODAY// (APR 23, 2008)
Nature of Order: WRITTEN// W

Rx # 2630          04/23/08
OPPATIENT,THREE      #810
TAKE THREE CAPSULES BY MOUTH EVERY 8 HOURS

INDINAVIR 400MG CAP
OPTECH,ONE          OPTECH,ONE
# of Refills: 3

    SC Percent: 50%
    Disabilities: NONE STATED

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

Another New Order for OPPATIENT,THREE? YES// n NO

```

### Finishing a Pending Order – Verification site Parameter set to YES - No PSORPH key

```

Pending OP Orders (ROUTINE)   Apr 24, 2008@08:56:23           Page:    1 of    5
OPPATIENT,THREE              <A>
    PID: 666-00-0000          Ht (cm) : _____ (_____)
    DOB: JAN 25,1959 (49)     Wt (kg) : _____ (_____)

```

```

Order Checks:
  CRITICAL drug-drug interaction: CARBAMAZEPINE & CYCLOSPORINE (CYCLOSPORINE
  CAP,ORAL 100MG TAKE ONE CAPSULE BY MOUTH TWICE A DAY [ACTIVE])
  Overriding Provider: OPProvider,TWO
  Overriding Reason: TESTING VERIFICATION

  Duplicate drug class order: ANTICONVULSANTS (PHENYTOIN CAP,SA 100MG TAKE
  ONE CAPSULE BY MOUTH THREE TIMES A DAY [ACTIVE])
  Overriding Provider: OPProvider,TWO
  Overriding Reason: TESTING VERIFICATION

  CRITICAL drug-drug interaction: CARBAMAZEPINE & WARFARIN (WARFARIN TAB
  2.5MG TAKE ONE TABLET BY MOUTH AT BEDTIME [PENDING])
  Overriding Provider: OPProvider,TWO
+   Enter ?? for more actions
BY Bypass          DC (Discontinue)
ED (Edit)          FN Finish
Select Item(s): Next Screen// FN Finish

Now Processing Enhanced Order Checks! Please wait...

***CRITICAL*** Drug Interaction with Local Rx for INDINAVIR 400MG CAP

      RX: #2630
      Drug: INDINAVIR 400MG CAP
      SIG: TAKE ONE CAPSULE BY MOUTH EVERY 8 HOURS
      QTY: 270          Refills remaining: 3
      Provider: OPProvider, ONE          Issued: 02/12/08
      Status: ACTIVE          Last filled on: 02/12/08
      Processing Status: Released locally on 02/12/08@08:55:32 (Window)
                          Days Supply: 90

The concurrent use of indinavir and carbamazepine may result in higher than anticipated
carbamazepine levels, decreased indinavir plasma levels, and antiretroviral therapy
failure.(1,2)The concurrent use of amprenavir, fosamprenavir, lopinavir, nelfinavir, and
saquinavir may result in decreased levels of these agents and antiretroviral therapy
failure.(3-7)The concurrent use of ritonavir and carbamazepine may result in elevated
levels of carbamazepine and signs of carbamazepine toxicity.(8-10)

Display Professional Interaction Monograph? No// No

***CRITICAL*** Drug Interaction with Local Rx for WARFARIN 5MG TAB

      RX: #2523
      Drug: WARFARIN 5MG TAB
      SIG: TAKE TWO TABLETS BY MOUTH AT BEDTIME
      QTY: 90          Refills remaining: 3
      Provider: OPProvider, ONE          Issued: 02/12/08
      Status: ACTIVE          Last filled on: 02/12/08
      Processing Status: Released locally on 02/12/08@08:55:32 (Window)
                          Days Supply: 90

The hypoprothrombinemic effect of anticoagulants may be decreased.

Display Professional Interaction Monograph? No// No

***CRITICAL*** Drug Interaction with Local Rx for CYCLOSPORINE 100MG CAP

      RX: #2512
      Drug: CYCLOSPORINE 100MG CAP
      SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
      QTY: 180          Refills remaining: 3
      Provider: OPProvider, ONE          Issued: 02/12/08
      Status: ACTIVE          Last filled on: 02/12/08
      Processing Status: Released locally on 02/12/08@08:55:32 (Window)
                          Days Supply: 90

Decreased levels of cyclosporine, which may result in a decrease in the immunosuppressive
effects of cyclosporine.

Display Professional Interaction Monograph? No// No

```

```

***CRITICAL*** Drug Interaction with Local Rx for AMITRIPTYLINE 25MG TAB

      RX: #2520
      Drug: AMITRIPTYLINE 25MG TAB
      SIG: TAKE ONE TABLET BY MOUTH AT BEDTIME
      QTY: 90                      Refills remaining: 3
      Provider: OPPROVIDER, ONE      Issued: 02/12/08
      Status: ACTIVE                  Last filled on: 02/12/08
      Processing Status: Released locally on 02/12/08@08:55:32 (Window)
                                   Days Supply: 90

Decreased levels of cyclosporine, which may result in a decrease in the immunosuppressive
effects of cyclosporine.

Display Professional Interaction Monograph? No// No

      CARBAMAZEPINE 200MG TAB: Total dose amount of 2400 MILLIGRAMS/DAY exceeds the dosing
      range of 200 MILLIGRAMS/DAY to 1600 MILLIGRAMS/DAY.

Rx # 2631                      04/24/08
OPPATIENT,THREE                #360
TAKE THREE TABLETS BY MOUTH FOUR TIMES A DAY

CARBAMAZEPINE 200MG TAB
OPTECH,ONE                    OPTECH,ONE
# of Refills: 3

      SC Percent: 50%
      Disabilities: NONE STATED

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

```

A prescription (Rx) label is generated to inform the pharmacist of a critical drug interaction which has occurred for an outpatient medication order entered by a user who does not hold the PSORPH key.

### Critical Drug Interaction and Dosing Check

```

499 (5/ ) APR 23,2008@15:32
Rx# 2629 has caused a DRUG-DRUG INTERACTION with the following prescription(s):
2523    CRITICAL INTERACTION    WARFARIN 5MG TAB
2519    CRITICAL INTERACTION    PHENYTOIN NA (DILANTIN) 100MG SA CAP
2516    SIGNIFICANT INTERACTION  NIFEDIPINE 10MG CAP
2520    SIGNIFICANT INTERACTION  AMITRIPTYLINE 25MG TAB
MAX SINGLE DOSE AND DAILY DOSE RANGE
This prescription was entered by: PSOTECH,ONE
This prescription requires intervention by a pharmacist
APR 23,2008  Fill 1 of 4
OPPATIENT,TWO  00-0000
TAKE TWO TABLETS BY MOUTH FOUR TIMES DAILY
Qty: 240  PSOTECH,ONE
Tech      RPh
CIMETIDINE 300MG TAB
Routing: WINDOW
Days supply: 90 Cap: SAFETY
Isd: APR 23,2008 Exp: APR 24,2009
Stat SC Clinic: UNKNOWN

```

### Dosing Check Only

```

499 (5/ ) APR 23,2008@15:38
MAX SINGLE DOSE AND DAILY DOSE RANGE
This prescription was entered by: PSOTECH,ONE
This prescription requires intervention by a pharmacist
APR 23,2008  Fill 1 of 4
OPPATIENT,TWO  00-0000

```

TAKE ONE CAPSULE BY MOUTH EVERY 8 HOURS  
 Qty: 270 PSOTECH, ONE  
 Tech RPh  
 INDINAVIR 400MG CAP  
 Routing: WINDOW  
 Days supply: 90 Cap: SAFETY  
 Isd: APR 23,2008 Exp: APR 24,2009  
 Last Fill: N/A  
 Pat. Stat SC Clinic: UNKNOWN

### Finishing a Pending order – Verification site parameter set to No – No PSORPH key

Pending OP Orders (ROUTINE) Apr 24, 2008@09:02:24 Page: 1 of 3  
 OPPATIENT,THREE <A>  
 PID: 666-00-0000 Ht (cm) : \_\_\_\_\_ (\_\_\_\_\_)  
 DOB: JAN 25,1959 (49) Wt (kg) : \_\_\_\_\_ (\_\_\_\_\_)

 Order Checks:  
 CRITICAL drug-drug interaction: PHENOBARBITAL & WARFARIN (WARFARIN TAB 2.5MG TAKE ONE TABLET BY MOUTH AT BEDTIME [PENDING])  
 Overriding Provider: OPProvider,TWO  
 Overriding Reason: TESTING VERIFICATION

 CRITICAL drug-drug interaction: PHENOBARBITAL & WARFARIN (Change WARFARIN TAB 5MG TAKE TWO TABLETS BY MOUTH AT BEDTIME [ACTIVE])  
 Overriding Provider: OPProvider,TWO  
 Overriding Reason: TESTING VERIFICATION

 SIGNIFICANT drug-drug interaction: CYCLOSPORINE & PHENOBARBITAL (CYCLOSPORINE CAP,ORAL 100MG TAKE ONE CAPSULE BY MOUTH TWICE A DAY [ACTIVE])

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

 >>> Finish may not be selected at this point.

 Select Item(s): Next Screen//  
 .

## Process Order Checks

[PSO ORDER CHECKS VERIFY] formerly (*Process Drug/Drug Interactions* [PSO INTERACTION VERIFY])

All changes applied to drug interaction order checks in the Enhanced Drug-Drug Interaction section shall be applied to the *Process Order Checks* dialogue.

Select Outpatient Pharmacy Manager Option: PROCess Order Checks  
 Select RX with Order Checks: ?  
 Answer with RX VERIFY RX#

 Choose from:  
 2632 OPPATIENT,TEN 666-00-0000  
 2633 OPPATIENT,TEN 666-00-0000  
 2634 OPPATIENT,TEN 666-00-0000

 Select RX with Order Checks: 2632 CIMETIDINE 300MG TAB OPPATIENT,TEN  
 66-00-0000

 OPPATIENT,TEN ID#:666-00-0000 RX #2632

 RX # DRUG QTY ST ISSUE LAST REF DAY  
 DATE FILL REM SUP

```

-----ACTIVE-----
1 2622          ACETAMINIOPHEN 120MG/COD 12MG/5ML EL      A  04-17 04-17  11  30
                                   Qty: 480
2 2621A          AMITRIPTYLINE 25MG TAB                  30 A  04-17 04-17   5  30
3 2623          AMLODIPINE 5MG/ATORVASTATIN 40MG TAB    30 A  04-17 04-17  11  30
4 2624          HALOPERIDOL 5MG TAB                     60 A  04-18 04-18  11  30
5 2628          WARFARIN 5MG TAB                         18 A  04-18 04-18  11  30
-----DISCONTINUED-----
6 2620          DIPYRIDAMOLE 25MG TAB                    90 DC 03-25 04-17   5  30
-----NON-VERIFIED-----
7 2633          AMIODARONE 200MG TAB                     240 N 04-28 04-28  11  30
8 2632          CIMETIDINE 300MG TAB                     270 N 04-28 04-28  11  30
9 2634          INDINAVIR 400MG CAP                     270 N 04-28 04-28  11  30
-----PENDING-----
10 PREDNISONE 5MG TAB                                QTY: 190      ISDT: 04-18  REF: 11
Press RETURN to Continue:

```

\*\*\*CRITICAL\*\*\* Drug Interaction with Local Rx for WARFARIN 5MG TAB

```

      RX: #2628
      Drug: WARFARIN 5MG TAB
      SIG: TAKE ONE TABLET BY MOUTH IN THE EVENING ON
            MONDAY,WEDNESDAY AND FRIDAY EXCEPT TAKE ONE-HALF
            TABLET ON TUESDAY,THURSDAY,SATURDAY
      QTY: 18                      Refills remaining: 11
      Provider: OP PROVIDER, ONE      Issued: 02/12/08
      Status: ACTIVE                  Last filled on: 02/12/08
                                      Days Supply: 30

```

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

Display Professional Interaction Monograph? No// No

Do you want to Continue? Y// NO

OPPATIENT,TEN ID#:666-00-0000 RX #2632

RX #	DRUG	QTY ST	ISSUE DATE	LAST REF DATE	FILL REM	SUP
-----ACTIVE-----						
1 2622	ACETAMINIOPHEN 120MG/COD 12MG/5ML EL	A	04-17	04-17	11	30
Qty: 480						
2 2621A	AMITRIPTYLINE 25MG TAB	30 A	04-17	04-17	5	30
3 2623	AMLODIPINE 5MG/ATORVASTATIN 40MG TAB	30 A	04-17	04-17	11	30
4 2624	HALOPERIDOL 5MG TAB	60 A	04-18	04-18	11	30
5 2628	WARFARIN 5MG TAB	18 A	04-18	04-18	11	30
-----DISCONTINUED-----						
6 2620	DIPYRIDAMOLE 25MG TAB	90 DC	03-25	04-17	5	30
-----NON-VERIFIED-----						
7 2633	AMIODARONE 200MG TAB	240 N	04-28	04-28	11	30
8 2632	CIMETIDINE 300MG TAB	270 N	04-28	04-28	11	30
9 2634	INDINAVIR 400MG CAP	270 N	04-28	04-28	11	30
-----PENDING-----						
10	PREDNISONE 5MG TAB	QTY: 190	ISDT: 04-18	REF: 11		

Press RETURN to Continue:

CIMETIDINE 300MG TAB: Single dose amount of 900 MILLIGRAMS exceeds the maximum single dose amount of 800 MILLIGRAMS.

CIMETIDINE 300MG TAB: Total dose amount of 2700 MILLIGRAMS/DAY exceeds the dosing range of 400 MILLIGRAMS/DAY to 2400 MILLIGRAMS/DAY.

Do you want to Continue? Y// NO

Select RX with Drug Interaction: ?  
Answer with RX VERIFY RX#

Choose from:

2632	OPPATIENT,TEN	666-00-0000
2633	OPPATIENT,TEN	666-00-0000
2634	OPPATIENT,TEN	666-00-0000

Select RX with Drug Interaction: 2632                      CIMETIDINE 300MG TAB                      OPPATIENT,TEN  
666-00-0000

OPPATIENT,TEN    ID#:666-00-0000    RX #2632

RX #	DRUG	QTY ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
-----ACTIVE-----						
1 2622	ACETAMINIOPHEN 120MG/COD 12MG/5ML EL	A	04-17	04-17	11	30
	Qty: 480					
2 2621A	AMITRIPTYLINE 25MG TAB	30 A	04-17	04-17	5	30
3 2623	AMLODIPINE 5MG/ATORVASTATIN 40MG TAB	30 A	04-17	04-17	11	30
4 2624	HALOPERIDOL 5MG TAB	60 A	04-18	04-18	11	30
5 2628	WARFARIN 5MG TAB	18 A	04-18	04-18	11	30
-----DISCONTINUED-----						
6 2620	DIPYRIDAMOLE 25MG TAB	90 DC	03-25	04-17	5	30
-----NON-VERIFIED-----						
7 2633	AMIODARONE 200MG TAB	240 N	04-28	04-28	11	30
8 2632	CIMETIDINE 300MG TAB	270 N	04-28	04-28	11	30
9 2634	INDINAVIR 400MG CAP	270 N	04-28	04-28	11	30
-----PENDING-----						
10	PREDNISONE 5MG TAB	QTY: 190	ISDT: 04-18	REF: 11		

Press RETURN to Continue:

CIMETIDINE 300MG TAB: Single dose amount of 900 MILLIGRAMS exceeds the maximum single dose amount of 800 MILLIGRAMS.

CIMETIDINE 300MG TAB: Total dose amount of 2700 MILLIGRAMS/DAY exceeds the dosing range of 400 MILLIGRAMS/DAY to 2400 MILLIGRAMS/DAY.

Do you want to Continue? Y// ES

Do you want to Process or Cancel medication?

Rx #2632    DRUG: CIMETIDINE 300MG TAB: PROCESS// CANCEL MEDICATION

Enter your Current Signature Code:                      SIGNATURE VERIFIED

Nature of Order: SERVICE CORRECTION//                      S

Now creating Pharmacy Intervention  
for CIMETIDINE 300MG TAB

PROVIDER:        OPPROVIDER,ONE                      OPO                      119

RECOMMENDATION:        NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Would you like to edit this intervention ? N// O

Canceling Rx: 2632        Drug: CIMETIDINE 300MG TAB

...PRESCRIPTION #2632 MARKED DELETED!!

Select RX with Drug Interaction: ?

Answer with RX VERIFY RX#

Choose from:

2633	OPPATIENT,TEN	666-00-0000
2634	OPPATIENT,TEN	666-00-0000

Select RX with Drug Interaction: 2633 AMIODARONE 200MG TAB OPPATIENT,TEN  
666-00-0000

OPPATIENT,TEN ID#:666-00-0000 RX #2633

RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
-----ACTIVE-----							
1 2622	ACETAMINIOPHEN 120MG/COD 12MG/5ML EL		A	04-17	04-17	11	30
	Qty: 480						
2 2621A	AMITRIPTYLINE 25MG TAB	30	A	04-17	04-17	5	30
3 2623	AMLODIPINE 5MG/ATORVASTATIN 40MG TAB	30	A	04-17	04-17	11	30
4 2624	HALOPERIDOL 5MG TAB	60	A	04-18	04-18	11	30
5 2628	WARFARIN 5MG TAB	18	A	04-18	04-18	11	30
-----DISCONTINUED-----							
6 2620	DIPYRIDAMOLE 25MG TAB	90	DC	03-25	04-17	5	30
-----NON-VERIFIED-----							
7 2633	AMIODARONE 200MG TAB	240	N	04-28	04-28	11	30
8 2634	INDINAVIR 400MG CAP	270	N	04-28	04-28	11	30
-----PENDING-----							
9	PREDNISONE 5MG TAB	QTY: 190		ISDT: 04-18		REF: 11	

Press RETURN to Continue:

AMIODARONE 200MG TAB: Total dose amount of 1600 MILLIGRAMS/DAY exceeds the dosing range of 100 MILLIGRAMS/DAY to 400 MILLIGRAMS/DAY.

Do you want to Continue? Y// ES

Do you want to Process or Cancel medication?

Rx #2633 DRUG: AMIODARONE 200MG TAB: PROCESS//

Enter your Current Signature Code: SIGNATURE VERIFIED

Now creating Pharmacy Intervention  
for AMIODARONE 200MG TAB

PROVIDER: OPPROVIDER,ONE OPO 119  
RECOMMENDATION: NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Would you like to edit this intervention ? N// O

OPPATIENT,TEN ID#:666-00-0000 RX #2633

RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
-----ACTIVE-----							
1 2622	ACETAMINIOPHEN 120MG/COD 12MG/5ML EL		A	04-17	04-17	11	30
	Qty: 480						
2 2621A	AMITRIPTYLINE 25MG TAB	30	A	04-17	04-17	5	30
3 2623	AMLODIPINE 5MG/ATORVASTATIN 40MG TAB	30	A	04-17	04-17	11	30
4 2624	HALOPERIDOL 5MG TAB	60	A	04-18	04-18	11	30
5 2628	WARFARIN 5MG TAB	18	A	04-18	04-18	11	30
-----DISCONTINUED-----							
6 2620	DIPYRIDAMOLE 25MG TAB	90	DC	03-25	04-17	5	30
-----NON-VERIFIED-----							
7 2633	AMIODARONE 200MG TAB	240	N	04-28	04-28	11	30
8 2634	INDINAVIR 400MG CAP	270	N	04-28	04-28	11	30
-----PENDING-----							
9	PREDNISONE 5MG TAB	QTY: 190		ISDT: 04-18		REF: 11	

Press RETURN to Continue:

RX: 2633 PATIENT: OPPATIENT,TEN (666-00-0000)  
STATUS: Non-Verified



```

DRUG: AMIODARONE 200MG TAB
QTY: 240      30 DAY SUPPLY
SIG: TAKE TWO TABLETS BY MOUTH FOUR TIMES A DAY
LATEST: 04/28/2008      # OF REFILLS: 11  REMAINING: 11
ISSUED: 04/28/08      PROVIDER:
LOGGED: 04/28/08      CLINIC: NOT ON FILE
EXPIRES: 04/29/09      DIVISION: HINES (499)
CAP: SAFETY      ROUTING: WINDOW
ENTRY BY: OPPROVIDER,ONE      VERIFIED BY:

FILLED: 04/28/08      PHARMACIST:      LOT #:
DISPENSED: 04/28/08      RELEASED:

LABEL LOG:
#  DATE      RX REF      PRINTED BY
=====

1  04/28/08  ORIGINAL      OPCLERK,ONE
COMMENTS: From RX number 2633 Drug-Drug interaction
PATIENT STATUS : OPT NSC      COPIES : 1
EDIT: (Y/N/P): N// ?

Enter Y to change this RX, P to see a profile, or N to procede with
verification.
Select one of the following:

      Y      YES
      N      NO
      P      PROFILE

EDIT: (Y/N/P): N// p  PROFILE

      RX #      DRUG      QTY ST      ISSUE  LAST REF DAY
      DATE  FILL REM SUP
-----
1  2622      ACETAMINIOPHEN 120MG/COD 12MG/5ML EL  A  04-17 04-17  11  30
                               Qty: 480
2  2621A      AMITRIPTYLINE 25MG TAB      30 A  04-17 04-17   5  30
3  2623      AMLODIPINE 5MG/ATORVASTATIN 40MG TAB  30 A  04-17 04-17  11  30
4  2624      HALOPERIDOL 5MG TAB      60 A  04-18 04-18  11  30
5  2628      WARFARIN 5MG TAB      18 A  04-18 04-18  11  30
-----DISCONTINUED-----
6  2620      DIPYRIDAMOLE 25MG TAB      90 DC 03-25 04-17   5  30
-----NON-VERIFIED-----
7  2633      AMIODARONE 200MG TAB      240 N  04-28 04-28  11  30
8  2634      INDINAVIR 400MG CAP      270 N  04-28 04-28  11  30
-----PENDING-----
9  PREDNISONE 5MG TAB      QTY: 190      ISDT: 04-18  REF: 11
Press RETURN to Continue:

EDIT: (Y/N/P): N// n NO
VERIFY FOR OPPATIENT,TEN ? (Y/N/Delete/Quit): Y// q  QUIT

Select RX with Drug Interaction:      2633      OPPATIENT,TEN 666-00-0000

OPPATIENT,TEN      ID#:666-00-0000  RX #2633

      RX #      DRUG      QTY ST      ISSUE  LAST REF DAY
      DATE  FILL REM SUP
-----
1  2622      ACETAMINIOPHEN 120MG/COD 12MG/5ML EL  A  04-17 04-17  11  30
                               Qty: 480
2  2621A      AMITRIPTYLINE 25MG TAB      30 A  04-17 04-17   5  30
3  2623      AMLODIPINE 5MG/ATORVASTATIN 40MG TAB  30 A  04-17 04-17  11  30
4  2624      HALOPERIDOL 5MG TAB      60 A  04-18 04-18  11  30

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5 2628          WARFARIN 5MG TAB                      18 A  04-18 04-18  11  30
-----DISCONTINUED-----
6 2620          DIPYRIDAMOLE 25MG TAB                  90 DC 03-25 04-17   5  30
-----NON-VERIFIED-----
7 2633          AMIODARONE 200MG TAB                   240 N  04-28 04-28  11  30
8 2634          INDINAVIR 400MG CAP                   270 N  04-28 04-28  11  30
-----PENDING-----
9 PREDNISONE 5MG TAB                                QTY: 190          ISDT: 04-18  REF: 11
Press RETURN to Continue:

    AMIODARONE 200MG TAB: Total dose amount of 1600 MILLIGRAMS/DAY exceeds the dosing
    range of 100 MILLIGRAMS/DAY to 400 MILLIGRAMS/DAY.

Do you want to Continue? Y// ES

Do you want to Process or Cancel medication?
Rx #2633  DRUG: AMIODARONE 200MG TAB: PROCESS//

Enter your Current Signature Code:      SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for  AMIODARONE 200MG TAB

PROVIDER:      OPPROVIDER,ONE      LBB      119
RECOMMENDATION: ??
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

OPPATIENT,TEN                                ID#:666-00-0000  RX #2633

      RX #          DRUG                                QTY ST  ISSUE  LAST REF DAY
      -----
      1 2622          ACETAMINIOPHEN 120MG/COD 12MG/5ML EL      A  04-17 04-17  11  30
                                Qty: 480
      2 2621A          AMITRIPTYLINE 25MG TAB                   30 A  04-17 04-17   5  30
      3 2623          AMLODIPINE 5MG/ATORVASTATIN 40MG TAB      30 A  04-17 04-17  11  30
      4 2624          HALOPERIDOL 5MG TAB                       60 A  04-18 04-18  11  30
      5 2628          WARFARIN 5MG TAB                          18 A  04-18 04-18  11  30
      -----DISCONTINUED-----
      6 2620          DIPYRIDAMOLE 25MG TAB                    90 DC 03-25 04-17   5  30
      -----NON-VERIFIED-----
      7 2633          AMIODARONE 200MG TAB                     240 N  04-28 04-28  11  30
      8 2634          INDINAVIR 400MG CAP                     270 N  04-28 04-28  11  30
      -----PENDING-----
      9 PREDNISONE 5MG TAB                                QTY: 190          ISDT: 04-18  REF: 11
Press RETURN to Continue:

RX: 2633          PATIENT: OPPATIENT,TEN (666-00-0000)
STATUS: Non-Verified
    DRUG: AMIODARONE 200MG TAB
    QTY: 240      30 DAY SUPPLY
    SIG: TAKE TWO TABLETS BY MOUTH FOUR TIMES A DAY
    LATEST: 04/28/2008          # OF REFILLS: 11  REMAINING: 11
    ISSUED: 04/28/08          PROVIDER:
    LOGGED: 04/28/08          CLINIC: NOT ON FILE
    EXPIRES: 04/29/09          DIVISION: HINES (499)
    CAP: SAFETY          ROUTING: WINDOW
    ENTRY BY: OPPROVIDER,ONE  VERIFIED BY:

FILLED: 04/28/08  PHARMACIST:          LOT #:
DISPENSED: 04/28/08  RELEASED:

```

```

LABEL LOG:
#   DATE       RX REF       PRINTED BY
=====
1  04/28/08   ORIGINAL       OPCLERK,ONE
COMMENTS: From RX number 2633 Drug-Drug interaction
PATIENT STATUS : OPT NSC       COPIES : 1
EDIT: (Y/N/P): N// O
VERIFY FOR OPPATIENT,TEN ? (Y/N/Delete/Quit): Y// n NO

Select RX with Drug Interaction:    2633    OPPATIENT,TEN 666-00-0000

OPPATIENT,TEN                      ID#:666-00-0000 RX #2633

      RX #          DRUG                      QTY ST  ISSUE  LAST REF DAY
      -----
      -----ACTIVE-----
1  2622          ACETAMINIOPHEN 120MG/COD 12MG/5ML EL      A  04-17 04-17  11  30
                                   Qty: 480
2  2621A          AMITRIPTYLINE 25MG TAB      30 A  04-17 04-17   5  30
3  2623          AMLODIPINE 5MG/ATORVASTATIN 40MG TAB    30 A  04-17 04-17  11  30
4  2624          HALOPERIDOL 5MG TAB      60 A  04-18 04-18  11  30
5  2628          WARFARIN 5MG TAB      18 A  04-18 04-18  11  30
      -----DISCONTINUED-----
6  2620          DIPYRIDAMOLE 25MG TAB      90 DC 03-25 04-17   5  30
      -----NON-VERIFIED-----
7  2633          AMIODARONE 200MG TAB      240 N  04-28 04-28  11  30
8  2634          INDINAVIR 400MG CAP      270 N  04-28 04-28  11  30
      -----PENDING-----
9  PREDNISONE 5MG TAB                      QTY: 190      ISDT: 04-18 REF: 11
Press RETURN to Continue:

      AMIODARONE 200MG TAB: Total dose amount of 1600 MILLIGRAMS/DAY exceeds the dosing
      range of 100 MILLIGRAMS/DAY to 400 MILLIGRAMS/DAY.

Do you want to Continue? Y// ES

Do you want to Process or Cancel medication?
Rx #2633 DRUG: AMIODARONE 200MG TAB: PROCESS//

Enter your Current Signature Code:    SIGNATURE VERIFIED

Now creating Pharmacy Intervention
for AMIODARONE 200MG TAB

PROVIDER:    OPPROVIDER,ONE      LBB      119
RECOMMENDATION:    NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

OPPATIENT,TEN                      ID#:666-00-0000 RX #2633

      RX #          DRUG                      QTY ST  ISSUE  LAST REF DAY
      -----
      -----ACTIVE-----
1  2622          ACETAMINIOPHEN 120MG/COD 12MG/5ML EL      A  04-17 04-17  11  30
                                   Qty: 480
2  2621A          AMITRIPTYLINE 25MG TAB      30 A  04-17 04-17   5  30
3  2623          AMLODIPINE 5MG/ATORVASTATIN 40MG TAB    30 A  04-17 04-17  11  30
4  2624          HALOPERIDOL 5MG TAB      60 A  04-18 04-18  11  30
5  2628          WARFARIN 5MG TAB      18 A  04-18 04-18  11  30
      -----DISCONTINUED-----

```

6 2620	DIPYRIDAMOLE 25MG TAB	90 DC 03-25 04-17	5	30
-----NON-VERIFIED-----				
7 2633	AMIODARONE 200MG TAB	240 N 04-28 04-28	11	30
8 2634	INDINAVIR 400MG CAP	270 N 04-28 04-28	11	30

-----PENDING-----

9 PREDNISONE 5MG TAB QTY: 190 ISDT: 04-18 REF: 11

Press RETURN to Continue:

RX: 2633 PATIENT: OPPATIENT,TEN (666-00-0000)

STATUS: Non-Verified

DRUG: AMIODARONE 200MG TAB

QTY: 240 30 DAY SUPPLY

SIG: TAKE TWO TABLETS BY MOUTH FOUR TIMES A DAY

LATEST: 04/28/2008 # OF REFILLS: 11 REMAINING: 11

ISSUED: 04/28/08 PROVIDER:

LOGGED: 04/28/08 CLINIC: NOT ON FILE

EXPIRES: 04/29/09 DIVISION: HINES (499)

CAP: SAFETY ROUTING: WINDOW

ENTRY BY: OPProvider,ONE VERIFIED BY:

FILLED: 04/28/08 PHARMACIST: LOT #:

DISPENSED: 04/28/08 RELEASED:

LABEL LOG:

#	DATE	RX REF	PRINTED BY
=====			

1 04/28/08 ORIGINAL OPCLERK,ONE

COMMENTS: From RX number 2633 Drug-Drug interaction

PATIENT STATUS : OPT NSC COPIES : 1

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

VERIFY FOR OPPATIENT,TEN ? (Y/N/Delete/Quit): Y// d DELETE

Nature of Order: SERVICE CORRECTION// S

...PRESCRIPTION #2633 MARKED DELETED!!

Select RX with Drug Interaction: ?

Answer with RX VERIFY RX#

Choose from:

2634	OPPATIENT,TEN	666-00-0000
------	---------------	-------------

Select RX with Drug Interaction: 26354 ??

Select RX with Drug Interaction: 2634	INDINAVIR 400MG CAP	NEW,OU
TPATIENT	666-00-0000	

OPPATIENT,TEN ID#:666-00-0000 RX #2634

RX #	DRUG	QTY ST	ISSUE DATE	LAST REF DAY
			FILL REM SUP	
-----ACTIVE-----				
1 2622	ACETAMINIOPHEN 120MG/COD 12MG/5ML EL	A	04-17 04-17	11 30
	Qty: 480			
2 2621A	AMITRIPTYLINE 25MG TAB	30 A	04-17 04-17	5 30
3 2623	AMLODIPINE 5MG/ATORVASTATIN 40MG TAB	30 A	04-17 04-17	11 30
4 2624	HALOPERIDOL 5MG TAB	60 A	04-18 04-18	11 30
5 2628	WARFARIN 5MG TAB	18 A	04-18 04-18	11 30

-----DISCONTINUED-----				
6 2620	DIPYRIDAMOLE 25MG TAB	90 DC 03-25 04-17	5	30
-----NON-VERIFIED-----				
7 2634	INDINAVIR 400MG CAP	270 N 04-28 04-28	11	30

-----PENDING-----

8 PREDNISONE 5MG TAB QTY: 190 ISDT: 04-18 REF: 11

Press RETURN to Continue:

INDINAVIR 400MG CAP: Single dose amount of 1200 MILLIGRAMS exceeds the maximum single

```

dose amount of 1000 MILLIGRAMS.

INDINAVIR 400MG CAP Total dose amount of 3600 MILLIGRAMS/DAY exceeds the dosing range
of 800 MILLIGRAMS/DAY to 2400 MILLIGRAMS/DAY.

Do you want to Continue? Y// ES

Now creating Pharmacy Intervention
for  INDINAVIR 400MG CAP

PROVIDER:      OPPROVIDER,ONE      LBB      119
RECOMMENDATION:      NO CHANGE

See 'Pharmacy Intervention Menu' if you want to delete this
intervention or for more options.

Would you like to edit this intervention ? N// O

RX: 2634          PATIENT: OPPATIENT,TEN (666-00-0000)
STATUS: Non-Verified
  DRUG: INDINAVIR 400MG CAP
  QTY: 270      30 DAY SUPPLY
  SIG: TAKE THREE CAPSULES BY MOUTH EVERY 8 HOURS
  LATEST: 04/28/2008          # OF REFILLS: 11  REMAINING: 11
  ISSUED: 04/28/08          PROVIDER:
  LOGGED: 04/28/08          CLINIC: NOT ON FILE
  EXPIRES: 04/29/09          DIVISION: HINES (499)
  CAP: SAFETY          ROUTING: WINDOW
  ENTRY BY: OPPROVIDER,ONE      VERIFIED BY:

FILLED: 04/28/08      PHARMACIST:          LOT #:
DISPENSED: 04/28/08      RELEASED:

LABEL LOG:
#  DATE      RX REF          PRINTED BY
=====
1  04/28/08  ORIGINAL          OPCLERK,ONE
COMMENTS: From RX number 2634 Drug-Drug interaction
PATIENT STATUS : OPT NSC          COPIES : 1
EDIT: (Y/N/P): N// O
VERIFY FOR OPPATIENT,TEN ? (Y/N/Delete/Quit): Y// ES

Label Printer: TELNET
LABEL: QUEUE/CHANGE PRINTER/HOLD/SUSPEND or '^' to bypass Q// UEUE

Select LABEL DEVICE: null  NULL DEVICE  NULL DEVICE

LABEL(S) QUEUED TO PRINT

```

## Rx Verification by Clerk

### [PSO VR]

The **Rx Verification by Clerk** [PSO VR] option and the **Patient Prescription Processing** [PSO LM BACKDOOR ORDERS] option incorporate the new **Process Order Checks** functionality when processing non-verified orders with critical drug interactions and dosing checks.

When utilizing the **Process Order Checks**, **Rx Verification by Clerk** [PSO VR] or **Patient Prescription Processing** [PSO LM BACKDOOR ORDERS] options and processing multiple critical drug interactions for non-verified orders, the following choices are possible:

```

Do you want to:
1.  Cancel Rx #2476  DRUG: AMIODARONE 200MG TAB
2.  Cancel Rx #2474  DRUG: WARFARIN 5MG TAB
3.  Cancel Both 1 and 2
4.  Activate Both 1 and 2

```

5. Leave Both Pending (do nothing) ? : 4 ACTIVATE 1 and 2

The term 'Activate' has changed to 'Process' and the term 'Pending' has changed to 'Non-verified'.

See output with changes below:

```
Do you want to:
1. Cancel Rx #2476 DRUG: AMIODARONE 200MG TAB
2. Cancel Rx #2474 DRUG: WARFARIN 5MG TAB
3. Cancel Both 1 and 2
4. Process Both 1 and 2
5. Leave Both Non-Verified (do nothing) ? : 4 Process 1 and 2
```

The **List Non-Verified Scripts** [[PSO VRPT] option now includes Dosage Checks.

### Sorted by Patient

```
Select Verification Option: LIST Non-Verified Scripts
Sort By Patient or Clerk: P// ATIENT
DEVICE: HOME// TELNET Right Margin: 80//

NON-VERIFIED PRESCRIPTIONS
AS OF JUN 25,2007@08:46:10
SORTED BY PATIENT
(# indicates Order Check)

Patient name                                     Page: 1
Rx #      Issued      Drug                                     Entry By
-----
PSOPATIENT, ONE
2467      06/25/07 #AMIODARONE 200MG TAB                      5

PSOPATIENT, TWO
2449      06/20/07 WARFARIN 5MG TAB                          5
2452      06/20/07 ASPIRIN 325MG EC TAB                      5
2456      06/20/07 INDOMETHACIN 25MG CAP                    5
2457      06/20/07 ENALAPRIL 5MG TAB                        5
2458      06/20/07 ACYCLOVIR 200MG CAP                      5
2459      06/20/07 BUPROPRION 150MG TAB,SA                  5
2461      06/20/07 TEMAZEPAM 15MG CAP                        5
```

### Sorted by Clerk

```
NON-VERIFIED PRESCRIPTIONS
AS OF JUN 25,2007@13:09:34
SORTED BY CLERK
(# indicates Order Check)

Patient name                                     Page: 1
Rx #      Issued      Drug      CLERK-> PSOTECH,ONE
-----
PSOPATIENT, ONE
2473      06/25/07 #AMINOPHYLLINE 200MG TAB
```

## Chapter 27: 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.

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## Chapter 28: Error Messages

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 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.

Error Level	Error Message	Reason	Why message is being displayed.
Drug	Enhanced Order Checks cannot be performed for Orderable Item: <OI NAME>	No active, marked for IV Fluid Order Entry IV Additive/Solution found	The orderable item associate with an IV Fluid order did not have an active IV Additive/IV Solution marked for IV fluid order entry use at the time the order check was executed. This is another error the user will probably not see.

## 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.

## Two Levels of Error Messages

**System** When such an error occurs no drug interaction or duplicate therapy 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 order checks will be performed for a specific drug. When you are processing an order, you may see a drug level error for a drug that is on the profile. This indicates that a drug interaction or duplicate therapy order check will not be performed for the drug in the order you are processing against this profile drug. Profile drug errors will only be shown once per patient session. So if you process several more orders, you will not see the error again. However, if you exit the option and at some later time reselect this patient to process new orders or take action on any existing orders, you will be shown the profile drug error once again.

If a drug level error occurs on the drug in the order you are processing, no profile drug errors will be displayed. No order checks (duplicate therapy or drug interaction) will occur for the processing drug (prospective drug). The only exception to this is when you are processing an IV order with multiple prospective drugs (i.e. multiple additives)

# Glossary

The following table provides definitions for common acronyms and terms used in this manual.

Acronym/Term	Definition
<b>Action Profile</b>	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.
<b>Activity Log</b>	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.
<b>Allergy/ADR Information</b>	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.
<b>AMIS</b>	Automated Management Information System
<b>Answer Sheet</b>	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.
<b>API</b>	Application Programming Interfaces
<b>APSP</b>	Originally Indian Health Service Pharmacy's name space now owned by the Outpatient Pharmacy software.
<b>Bypass</b>	Take no action on a medication order.
<b>CMOP</b>	Consolidated Mail Outpatient Pharmacy.
<b>CPRS</b>	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.
<b>Critical</b>	Interactions with severe consequences that require some type of action (finding facts, contacting prescribers) to prevent potential serious harm.
<b>DATUP</b>	Data Update (DATUP). Functionality that allows the Pharmacy Enterprise Customization System (PECS) to send out custom and standard commercial-off-the-shelf (COTS) vendor database changes to update the two centralized databases at Austin and Martinsburg.
<b>DEA</b>	Drug Enforcement Agency
<b>DEA Special Handling</b>	The Drug Enforcement Agency special Handling code used for drugs to designate if they are over-the counter, narcotics, bulk compounds, supply items, etc.
<b>DHCP</b>	See VistA.

<b>Acronym/Term</b>	<b>Definition</b>
<b>DIF</b>	Drug Information Framework
<b>Dispense Drug</b>	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.
<b>Dosage Ordered</b>	After the user has selected the drug during order entry, the dosage ordered prompt is displayed.
<b>Drug/Drug Interaction</b>	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.
<b>DUE</b>	Drug Usage Evaluation
<b>Expiration/Stop</b>	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.
<b>FDB</b>	First DataBank
<b>Finish</b>	Term used for completing orders from Order Entry/Results Reporting V. 3.0.
<b>GUI</b>	Acronym for Graphical User Interface.
<b>Issue Date</b>	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.
<b>HFS</b>	Host File Server.
<b>Health Insurance Portability and Accountability Act of 1996 (HIPAA)</b>	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 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.
<b>JCAHO</b>	Acronym for Joint Commission on Accreditation of Healthcare Organizations
<b>Label/Profile Monitor</b>	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.
<b>Local Possible Dosages</b>	Free text dosages that are associated with drugs that do not meet all of the criteria for Possible Dosages.

<b>Acronym/Term</b>	<b>Definition</b>
<b>Medication Instruction File</b>	The MEDICATION INSTRUCTION file is used by Unit Dose and Outpatient Pharmacy. It contains the medication instruction name, expansion and intended use.
<b>Medication Order</b>	A prescription.
<b>Medication Profile</b>	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.
<b>Medication Routes File</b>	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.
<b>Med Route</b>	The method in which the prescription is to be administered (e.g., oral, injection).
<b>NCCC</b>	Acronym for National Clozapine Coordinating Center.
<b>Non-Formulary Drugs</b>	The medications, which are defined as commercially available drug products not included in the VA National Formulary.
<b>Non-VA Meds</b>	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.
<b>Order</b>	Request for medication.
<b>Orderable Item</b>	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).
<b>Partial Prescription</b>	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. Partial prescriptions do count as workload but do not count against the total number of refills for a prescription.
<b>Payer</b>	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).
<b>Pending Order</b>	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.
<b>Pharmacy Narrative</b>	OUTPATIENT NARRATIVE field that may be used by pharmacy staff to display information specific to the patient.
<b>Polypharmacy</b>	The administration of many drugs together.
<b>POE</b>	Acronym for Pharmacy Ordering Enhancements (POE) project. Patch PSO*7*46 contains all the related changes for Outpatient Pharmacy.

Acronym/Term	Definition
<b>Possible Dosages</b>	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.
<b>Prescription</b>	This term is now referred to throughout the software as medication orders.
<b>Prescription Status</b>	<p>A prescription can have one of the following statuses.</p> <p><b>Active</b> - A prescription with this status can be filled or refilled.</p> <p><b>Canceled</b> - This term is now referred to throughout the software as Discontinued. (See Discontinued.)</p> <p><b>Discontinued</b> - This status is used when a prescription was made inactive either by a new prescription or by the request of a physician.</p> <p><b>Discontinued (Edit)</b> - 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.</p> <p><b>Deleted</b> - 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.</p> <p><b>Expired</b> - This status indicates the expiration date has passed.</p> <p>*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.</p> <p><b>Hold</b> - A prescription that was placed on hold due to reasons determined by the pharmacist.</p> <p><b>Non-verified</b> - 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 <i>Verification</i> menu.</p> <p>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.</p> <p><b>Pending</b> - A prescription that has been entered through OERR.</p> <p><b>Refill</b> - A second or subsequent filling authorized by the provider.</p> <p><b>Suspended</b> - A prescription that will be filled at some future date.</p>
<b>Progress Notes</b>	A component of Text Integration Utilities (TIU) that can function as part of CPRS.
<b>Provider</b>	The person who authorized an order. Only users identified as providers who are authorized to write medication orders may be selected.
<b>Reprinted Label</b>	Unlike a partial prescription, a reprint does not count as workload.
<b>Questionnaire</b>	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.

<b>Acronym/Term</b>	<b>Definition</b>
<b>Schedule</b>	The frequency by which the doses are to be administered, such as Q8H, BID, NOW, etc.
<b>Sig</b>	The instructions printed on the label.
<b>Significant</b>	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.
<b>Speed Actions</b>	See Actions.
<b>Suspense</b>	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.
<b>Third (3<sup>rd</sup>) Party Claims</b>	Health care insurance claims submitted to an entity for reimbursement of health care bills.
<b>Time In</b>	This is the time that the patient's name was entered in the computer.
<b>Time Out</b>	This is the time that the patient's name was entered on the bingo board monitor.
<b>TIU</b>	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.
<b>TRICARE</b>	<p>TRICARE is the uniformed service health care program for:</p> <ul style="list-style-type: none"> <li>• active duty service members and their families</li> <li>• retired service members and their families</li> <li>• members of the National Guard and Reserves and their families</li> <li>• survivors, and</li> <li>• others who are eligible</li> </ul> <p>There are differences in how prescriptions for TRICARE beneficiaries are processed versus how prescriptions are processed for Veterans.</p>
<b>Units per Dose</b>	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.
<b>VistA</b>	Acronym for Veterans Health Information Systems and Technology Architecture, the new name for Decentralized Hospital Computer Program (DHCP).
<b>Wait Time</b>	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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