



OUTPATIENT PHARMACY (PSO)

PHARMACIST'S USER MANUAL

Version 7.0
December 2007

(Revised January 2013)

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
01/13	<u>i-x, 4, 6, 8, 11, 18a-18d, 28, 29, 30a, 30c, 30d, 39y, 39bb, 39ff, 39hh, 39qq, 39tt - 39uu2, 39vv, 39ww-39ww2, 39mmm, 53, 58, 60-60o, 66, 73, 77, 79, 80, 83, 89, 100, 155, 171-176, 177-178</u>	PSO*7*390	Added Check Drug Interaction Added Creatinine Clearance (CrCl) and Body Surface Area (BSA) to the Patient and Medication Profile displays. Added drug allergy changes Added Clinic Order section Updated Glossary Updated Index (D. McCance, PM; G. Tucker, PM; G. Scorca, Tech Writer)
09/12	i, iib, vii, viii, 83a – 83d, 89 – 91b, 99, 107a, 170m	PSO*7*386	Added section on HOLD and UNHOLD functionality. Updated Flagging and Unflagging Pending Orders. Updated Activity Log for HOLD/UNHOLD comments. Added PSO TECH ADV key information. (Niha Goyal, PM; John Owczarzak, Tech Writer)
03/12	i, viii, 8, 15, 24, 35-36, 41, 160, 170a, 170e-170l, 170m-170n, 177-178	PSO*7*367	To add functionality to Outpatient Pharmacy for the printing and storing of FDA Medication Guides. Updates to Index (N. Goyal, PM; B. Thomas, Tech Writer)
03/12	i, vii, 63, 107a-107b, 160-160b, 171, 172, 173	PSO*7*354	Update to TOC Automated Dispensing Device (ADD) enhancement ADD, DNS, OPAI added to Glossary. (Niha Goyal, PM; John Owczarzak, Tech Writer)
02/12	i-ii, iia-iib, v-viii, 10, 13-14, 36-37, 43, 48a-48b, 50, 67, 67a-67n, 75, 111, 117-119, 122-123, 123a-123b, 125-128,	PSO*7*385	Removed incorrect listing of View Additional Reject Info (ARI) action Added signature alerts Updated wording for ¾ Days Supply Hold Added rounding functionality for ¾ Days Supply Hold Added new actions Submit Multiple Actions (SMA) and Suspense Date Calculation (SMA) Added new option View ePharmacy Rx (VER)

Date	Revised Pages	Patch Number	Description
	128a-128b, 130-134, 134a-134b, 135-138, 138a-138b, 139-140, 140a-140b, 141, 141a-141b, 142-146, 147-149, 149a, 150-154, 156a-156b, 157, 170e-170f, 171-178		Corrected earlier formatting errors Corrected typos Updated Service Code values Updated changed security key names Added TRICARE and CHAMPVA examples of rejects on a new order Updated name of TRICARE CHAMPVA Bypass/Override Report Updated screen shots related to patch changes Updated wording based on reviewer feedback Added CHAMPVA functionality Added separate section to list changes to security keys Added CHAMPVA to Glossary (S. Spence, PM; C. Smith, Tech Writer)
10/11	i-ii, v-viii, 4, 7-10, 36, 56-58, 64, 66, 95, 118, 120-124, 126-127, 128-128b, 135-137, 139-145, 146-146b, 148, 149-149b, 150-153, 154-154b, 155-156, 165, 175-178	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)
09/11	i,vi-vii, 30a-30f	PSO*7*382	Added information regarding the new [PSO HRC PROFILE/REFILL] option. (N. Goyal, PM; J. Owczarzak, Tech Writer)
04/11	i, viii, 8, 170a-170d, 177-179	PSO*7*343	To add functionality to Outpatient Pharmacy for the On-Demand Displaying of FDA Medication Guides. Display FDA Medication Guide [MG] added to Other OP Actions [OTH] Updates to Index (T. Leggett, PM; B. Thomas, Tech Writer)

Date	Revised Pages	Patch Number	Description
04/11	i, vi, vii, viii, 5, 8, 10, 27-27b, 28, 30, 39-39nnn, 40, 54-54t, 58, 59, 60-60l, 78, 82, 159, 163, 167-180	PSO*7*251	The following changes are included in this patch: -Outpatient List Manager Screen Views -Added HP and H to Hold Status -Removed DC code; Added DF,DE,DP,DD and DA -Added to Hidden Action List: IN - Removed DC code; Added DF,DE,DP,DD and DA, and - Added HP and H to Hold Status -Replaced Medication Short Profile -Inserted enhanced Order checks, Outpatient Pharmacy generated order checks -Added IN to Screen Scrape -Modified New Order Screen Scrape -Inserted Drug Allergy Screens -Updated Glossary and Index to start on odd pages (G. Tucker, PM; 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)

(This page included for two-sided copying.)

Preface

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

(This page included for two-sided copying.)

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Chapter 1: 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 (52) 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						
CrCL: <Not Found>		BSA (m2): 2.11						
		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
DA	Auto discontinued due to admission
DP	Discontinued by provider through CPRS

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

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



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

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

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

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

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

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

Pending Orders: Any orders entered through 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										
CrCL: <Not Found>			BSA (m2): 2.11							
			ISSUE			LAST		REF		DAY
#	RX #	DRUG	QTY ST		DATE	FILL	REM			SUP
-----REFILL TOO SOON/DUR REJECTS (Third Party)-----										
1	51368009\$e	DIGOXIN (LANOXIN) 0.05MG CAP	90 A>		02-16	02-16	3			90
2	51360563e	OXYBUTYNIN CHLORIDE 15MG SA TAB	180 S>		02-15	05-06	0			90
-----ACTIVE-----										
3	100003470e	ABSORBABLE GELATIN FILM	1 A		11-04	11-04	5			31
4	100003461	ACETAMINOPHEN 650MG SUPPOS.	10 A>		11-04	11-04	1			10
5	100003185e	ALBUMIN 25% 50ML	2 A		08-01	08-01	5			5
-----DISCONTINUED-----										
6	100003530	ANALGESIC BALM 1 POUND	1 A		01-08	01-08	3			90
7	100003400	APPLICATORS, COTTON TIP STERILE	10 A		09-23	09-23	5			31
+ Enter ?? for more actions										
PU Patient Record Update			NO		New Order					
PI Patient Information			SO		Select Order					
Select Action: Next Screen//										

Using List Manager with Outpatient Pharmacy

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

For Outpatient Pharmacy, the List Manager does the following:

- Allows the pharmacist or technician to browse through a list of actions
- Allows the pharmacist or technician to take action against those items
- Allows the user to select an action that displays an action or informational profile
- Allows the user to select a different action without leaving an option.

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.

Action	Description
Next Screen [+]	Move to the next screen (may be shown as a default).
Previous Screen [-]	Move to the previous screen.
Up a Line [UP]	Move up one line.
Down a Line [DN]	Move down one line.
Shift View to Right [>]	Move the screen to the right if the screen width is more than 80 characters.
Shift View to Left [<]	Move the screen to the left if the screen width is more than 80 characters.
First Screen [FS]	Move to the first screen.
Last Screen [LS]	Move to the last screen.

Action	Description
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] automatically.	Toggles the menu of actions to be displayed/not displayed
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.

Action	Description
Activity Logs [AL]	Displays the Activity Logs.
Copy [CO]	Allows the user to copy and edit an order.
Check Interactions [CK]	Allows a user to perform order checks against the patient's active medication profile with or without a Prospective drug.
DIN	Displays available drug restriction/guideline information for the Dispense Drug and Orderable Item associated with the selected medication order.
IN	Intervention Menu
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] Non-VA Meds Report [NV] Display FDA Medication Guide [MG] Reprint FDA Medication Guide [RM]]

Other Outpatient Pharmacy ListMan Actions

Action	Description
Exit [EX]	Exit processing pending orders.
AC	Accept.
BY	Bypass.
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.

Chapter 2: Using the Pharmacist Menu

The options on the *Pharmacist Menu* are intended for use by pharmacists.

Example: Accessing the *Pharmacist Menu*

```
Select OPTION NAME: PSO USER1          Pharmacist Menu
Outpatient Pharmacy software - Version 7.0
```

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

- *Bingo Board User ...*
- *Change Label Printer*
- *Change Suspense Date*
- *Check Drug Interaction*
- *DUE Supervisor ...*
- *Enter/Edit Clinic Sort Groups*
- *External Interface Menu ...*
- *Medication Profile*
- *Pharmacy Intervention Menu ...*
- *Print from Suspense File*
- *Process Drug/Drug Interactions*
- *Pull Early from Suspense*
- *Queue CMOP Prescription*
- *Release Medication*
- *Return Medication to Stock*
- *Rx (Prescriptions) ...*
- *Update Patient Record*
- *Verification ...*

Chapter 6.5: Check Drug Interaction

This chapter describes the *Check Drug Interaction* option shown on the Pharmacist Menu [PSO USER1].

Check Drug Interaction

[PSO CHECK DRUG INTERACTION]

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

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

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

Drug 3:

Now Processing Enhanced Order Checks!  Please wait...

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

CLINICAL EFFECTS:  Increase hypoprothrombinemic effects of warfarin.

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

Display Professional Interaction monograph? N// YES

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

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

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

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

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

binding site.

Press Return to Continue or "^" to Exit:

Professional Monograph

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

CLINICAL EFFECTS: Increase hypoprothrombinemic effects of warfarin.

PREDISPOSING FACTORS: None determined.

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

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

Press Return to Continue or "^" to Exit:

Professional Monograph

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

REFERENCES:

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

Press Return to Continue or "^" to Exit:

Professional Monograph

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

9.Crestor (rosuvastatin calcium) US prescribing information. AstraZeneca Pharmaceuticals LP February, 2012.

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Enter RETURN to continue or '^' to exit:

Display Professional Interaction monograph? N// O

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(This page included for two-sided copying.)

Example: Medication Profile – Short Format

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

#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF FILL	DAY REM	SUP
-----REFILL TOO SOON/DUR REJECTS (Third Party)-----								
1	2390	DIGOXIN (LANOXIN) 0.05MG CAP	90	A>	02-16	02-16	3	90
2	2391	OXYBUTYNIN CHLORIDE 15MG SA TAB	180	S>	02-15	05-06	0	90
-----ACTIVE-----								
3	2396	AMPICILLIN 250MG CAP	40	A>	06-12	06-12	0	10
4	2395	AZATHIOPRINE 50MG TAB	90	E	06-10	05-03	3	90
-----DISCONTINUED-----								
5	2398	FOLIC ACID 1MG TAB	90	DD>	05-03	05-03R	3	90
6	2400	HYDROCORTISONE 1%CR	1	DE>	05-03	05-03R	11	30
7	2394	IBUPROFEN 400MG TAB 500'S	270	DC	05-03	05-03	3	90
8	2399	MVI CAP/TAB	90	DP>	05-03	05-03R	3	90
9	2402	TEMPAZEPAM 15MG CAP	30	DF	06-01	06-01	5	30
10	2392	THIAMINE HCL 100MG TAB	90	DA>	05-03	05-03R	3	90
-----HOLD-----								
11	2393	WARFARIN 5MG TAB	90	H	05-03	-	3	90
12	2401	FUROSEMIDE 40MG TAB	90	HP	05-03	-	2	90
-----NON-VERIFIED-----								
13	2397	BACLOFEN 10MG TABS	30	N	03-14	03-14	5	30
-----PENDING-----								
14	CAPTOPRIL 25MG TAB		QTY: 180		ISDT: 06-12	REF: 3		
15	MULTIVITAMIN CAP/TAB		QTY: 30		ISDT: 06-12>	REF: 3		
-----NON-VA MEDS (Not dispensed by VA) -----								
GINKO EXT 1 TAB ONCE A DAY BY MOUTH					Date Documented: 01/13/01			
Enter ?? for more actions								
PU Patient Record Update		NO New Order						
PI Patient Information		SO Select Order						
Select Action: Quit//								
Order #4 is highlighted (reverse video) to indicate that it has recently expired.								
Orders #5,7,10 are highlighted (reverse video) to indicate that they were recently discontinued.								
Hold Type display codes are shown in red.								
Discontinue Type display codes are shown in red.								

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):
CrCL: <Not Found>      BSA (m2):
DISABILITIES:

ALLERGIES:_____
ADVERSE REACTIONS:_____

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

Outpatient prescriptions are discontinued 72 hours after admission
```

Medication Profile Sorted by ISSUE DATE

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

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

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 “Using The Pharmacy Intervention Menu” for more details.

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)			
CrCL: 78.1(est.) (CREAT:1.0mg/dL 2/19/99)					BSA (m2): 2.29			
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
NEW YORK 01280-7654      HOME PHONE:
                        CELL PHONE:
                        WORK PHONE:
Prescription Mail Delivery: Regular Mail
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						
CrCL: <Not Found>		BSA (m2): 2.29						
#	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				
CrCL: <Not Found>		BSA (m2): 2.29				
# 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//						

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.

.
.
.

Example: Copying an Order – Significant Interaction

Medication Profile Feb 14, 2008@08:56:40 Page: 1 of 1
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)
SEX: MALE
CrCL: <Not Found> BSA (m2): 1.78

#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF	FILL 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
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 Ht(cm): 167.64 (10/16/1993)
DOB: JUL 1,1934 (73) 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//

.
.

Example: 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 FILL	DAY 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
CrCL: <Not Found> BSA (m2): 1.78

#	RX #	DRUG	QTY	ST	DATE	ISSUE	LAST REF	DAY
						DATE	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

```

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
.
.
.

```

Example: 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

PID: 000-00-0000

Ht(cm): _____ (_____) <A>

DOB: JAN 1,1922 (86)

Wt(kg): _____ (_____) <A>

SEX: MALE

CrCL: <Not Found>

BSA (m2): _____

#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY 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

Example: 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
.
.

```

Example: Editing An Order – Creating a New Order – Critical Interaction

```

Medication Profile      Feb 14, 2008@12:26:38      Page:      1 of      2
OPPATIENT, ONE
  PID: 000-00-0000      Ht (cm): _____ (_____)
  DOB: JAN 1,1922 (86)  Wt (kg): _____ (_____)
  SEX: MALE
  CrCL: <Not Found>      BSA (m2): _____
                                ISSUE  LAST REF DAY
                                DATE  FILL REM SUP
#  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
  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

```


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
CrCL: <Not Found> BSA (m2): _____

#	RX #	DRUG	QTY	ST	DATE	ISSUE	LAST REF	DAY
---	------	------	-----	----	------	-------	----------	-----

-----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.

Example: 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

```

Allergy/ADR Order Checks (PSO*7*251)

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

Legacy Outpatient Pharmacy displays if drug class(es) and/or drug ingredient(s) are defined for the allergy/ADR. The drug class is listed on one display line and the drug ingredient on another display line. 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!

  Prospective Drug: DILTIAZEM (DILACOR XR) 240MG SA CAP
  Causative Agent: DILTIAZEM
  Historical/Observed: OBSERVED
  Severity: MODERATE
  Ingredients: DILTIAZEM (REMOTE(SITE(S))),
  Signs/Symptoms: ITCHING, WATERING EYES, ANOREXIA, NAUSEA, VOMITING,
                  ANXIETY, DROWSINESS, DRY MOUTH, DRY NOSE, RASH,
  Drug Class: CV200 CALCIUM CHANNEL BLOCKERS (REMOTE(SITE(S))),
  Provider Override Reason: N/A - Order Entered Through Vista

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

(This page included for two-sided copying.)

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!

Prospective Drug: SEPTRA DS TAB

Causative Agent: SULFADIAZINE/SULFAMERAZINE/SULFAMETHAZINE

Historical/Observed: HISTORICAL

Severity: Not Entered

Signs/Symptoms: ITCHING, WATERING EYES, ANOREXIA, NAUSEA, VOMITING,
ANXIETY, DROWSINESS,

Drug Class: AM650 SULFONAMIDE/RELATED ANTIMICROBIALS (LOCAL),

Provider Override Reason: N/A - Order Entered Through Vista

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 24,200
+      Enter ?? for more actions
BY Bypass                      DC  Discontinue
ED  Edit                      FN  Finish
Select Item(s): Next Screen// FN  Finish

Now doing allergy checks.  Please wait...

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

  Prospective Drug: SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB
  Causative Agent: SULFADIAZINE/SULFAMERAZINE/SULFAMETHAZINE
  Historical/Observed: HISTORICAL
  Severity: Not Entered
  Ingredients: SULFAMETHOXAZOLE (LOCAL), TRIMETHOPRIM (LOCAL AND
    REMOTE(S))
  Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA,
    NAUSEA,VOMITING, ANXIETY, DROWSINESS,
  Drug Class: AM650 SULFONAMIDE/RELATED ANTIMICROBIALS
    (LOCAL AND REMOTE(S)),
  Provider Override Reason: N/A - Order Entered Through Vista

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

.
.

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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 120 days or less will be included in the list of medications to be checked.

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

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

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

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

The following processes use the enhanced functionality:

- Entering a new outpatient medication order through pharmacy options
- Finishing a pending outpatient medication order
- Renewing an outpatient medication order
- When a new outpatient medication order is created via an edit
- Verification of an outpatient medication order entered or finished by a non-pharmacist
- Copy of an outpatient medication order
- Reinstatement of an outpatient medication order

Disabilities: NONE STATED

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

Example: Cancel drug in same class parameter set to No

```
PSOPATIENT,ONE                                     <A>
  PID: 666-00-0000                                Ht(cm): _____ (_____)
  DOB: JAN 1,1910 (98)                             Wt(kg): _____ (_____)
  SEX: FEMALE                                     Non-VA Meds on File   Last entry on 03/03/08
  CrCL: <Not Found>                               BSA (m2): _____
                                                    ISSUE   LAST REF
DAY
#  RX #      DRUG                                QTY ST  DATE   FILL REM SUP
-----ACTIVE-----
1 2562      AMINOPHYLLINE 200MG TAB                360 A   03-04 03-04   3  90
2 2567      CAPTOPRIL 12.5MG TAB                   180 A   03-06 03-06   3  90
3 2563      CISAPRIDE 10MG                          90 A   03-06 03-06   3  90
4 2568      DIGOXIN 0.125MG                         30 A   03-06 03-06   3  90
5 2550      IBUPROFEN 600MG TAB                     270 A   03-03 03-04   3  90
6 2560      WARFARIN 5MG TAB                         90 A   03-04 03-04   3  90
-----DISCONTINUED-----
7 2561      CIMETIDINE 300MG TAB                     90 DC  03-04 03-04   3  90
-----HOLD-----
+          Enter ?? for more actions
PU Patient Record Update                          NO New Order
PI Patient Information                             SO Select Order
Select Action: Next Screen// NO New Order

Eligibility: SERVICE CONNECTED 50% to 100%      SC%: 80
RX PATIENT STATUS: SC//
DRUG: NIZATIDINE
  Lookup: GENERIC NAME
NIZATIDINE 150MG CAP                               GA301
  ...OK? Yes// (Yes)

=====
*** 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:
.
.
```

Example: Entering a New Order – Not accepting order, duplicate therapy not discontinued

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

Eligibility: NSC          SC%: 5
RX PATIENT STATUS: OPT NSC//
DRUG: FAMOTIDINE
  Lookup: GENERIC NAME
FAMOTIDINE 20MG TAB          GA301
  ...OK? Yes//    (Yes)

  Restriction/Guideline(s) exist.  Display? :  (N/D/O/B): No//    NO
Now doing 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
```


Chapter 3: Ordering/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 display 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 ...*
- *Check Drug Interaction*
- *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*

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 therapy, drug-drug interaction, and drug-drug allergy.

With the introduction of enhanced Order checks (PSO*7*251) , Outpatient Pharmacy generated order checks are displayed in this sequence:

- System Errors
- Duplicate Drug
- Clozapine
- Allergy/ADR (local & remote) or Non-Assessment
- CPRS checks generated backdoor (3 new checks)
- Drug Level Errors
- Local & Remote Critical Drug Interactions
- Local & Remote Significant Drug Interactions
- Local & Remote Duplicate Therapy

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.

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 one of the hidden actions is selected and it is invalid, a message will display in the message window.

Example: Entering a New Order

```
Select Option: RX (Prescriptions)

      Orders to be completed for all divisions: 14

Do you want an Order Summary? No//
```

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: OPPATIENT16,ONE  OPPATIENT16,ONE  4-3-41  000246802
      YES      SC VETERAN
Patient is enrolled to receive ScripTalk 'talking' prescription labels.

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

A detailed explanation of the different parts of the screen can be found under "List Manager Options" at the beginning of this manual. The Patient Information screen displays the information on two pages. Only the second screen is shown in this example.

Example: Entering a New Order (continued)

Patient Information	May 22, 2001 10:44:38	Page:	2 of 2
OPPATIENT16,ONE			
PID: 000-24-6802	Ht(cm): 177.80 (02/08/1999)		
DOB: APR 3,1941 (60)	Wt(kg): 90.45 (02/08/1999)		
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>			

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, 2001 10:44:56	Page:	1 of 1
OPPATIENT16,ONE			
PID: 000-24-6802	Ht(cm): 177.80 (02/08/1999)		
DOB: APR 3,1941 (60)	Wt(kg): 90.45 (02/08/1999)		
CrCL: <Not Found>	BSA (m2): 2.11		
ISSUE LAST REF DAY			
# RX #	DRUG	QTY ST	DATE 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
Enter ?? for more actions			
PU Patient Record Update	NO New Order		
PI Patient Information	SO Select Order		
Select Action: Quit//			

If a double question mark (??) is entered at the above “Select Action” prompt, the following hidden actions 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// OTH OTH					
--- Other OP Actions ---					
-----example continues-----					

Typing in the letters **NO** creates a new order.

Example: Entering a New Order (continued)

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

Eligibility:
RX PATIENT STATUS: SC LESS THAN 50%//
DRUG: ACETAMINOPHEN
  Lookup: GENERIC NAME
    1  ACETAMINOPHEN 160MG/5ML LIQUID      CN103      NATL FORM; 480 M
L/BT (NDC)
    2  ACETAMINOPHEN 325MG TAB      CN103      NATL FORM; DU: INCREMEN
TS OF 100 ONLY *** AUTOMED & SCRIPTPRO ***
    3  ACETAMINOPHEN 325MG/BUTALBITAL 50MG TAB      CN103      N/F      N
ATL N/F
    4  ACETAMINOPHEN 500MG TAB      CN103      NATL FORM; DU: INCREMEN
TS OF 100 ONLY*** AUTOMED & SCRIPTPRO ***
    5  ACETAMINOPHEN 650MG RTL SUPP      CN103      NATL FORM (IEN)

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

Now doing allergy checks.  Please wait...

Now Processing Enhanced Order Checks!  Please wait...

Press return to continue:

=====
*** THERAPEUTIC DUPLICATION(S) *** ACETAMINOPHEN 650MG RTL SUPP with

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

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

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

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



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.

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

See output below:

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

Prospective Drug: DILTIAZEM 120MG SA CAP
Causative Agent: DILTIAZEM
Historical/Observed: OBSERVED
Severity: MODERATE
Ingredients: DILTIAZEM (LOCAL),
Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA, NAUSEA,VOMITING,
ANXIETY, DROWSINESS, DRY MOUTH, DRY NOSE, RASH,
Drug Class: CV200 CALCIUM CHANNEL BLOCKERS (LOCAL),
Provider Override Reason: N/A - Order Entered Through Vista
```

After the Allergy/ADR warning is displayed, the system ask the user if they want to intervene.

If the user chooses to intervene after the Allergy/ADR warning is displayed, the intervention dialog will launch.

If the user chooses not to intervene after the Allergy/ADR warning is displayed, the order entry dialog will start.

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

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

PATIENT STATUS: SC//
DRUG: DILTIAZEM
Lookup: GENERIC NAME
1  DILTIAZEM (DILACOR XR) 240MG SA CAP          CV200    N/F    This
drug will not be processed without Drug Request Form 10-7144
2  DILTIAZEM (INWOOD) 120MG SA CAP              CV200
3  DILTIAZEM (INWOOD) 180MG SA CAP              CV200
4  DILTIAZEM (INWOOD) 240MG SA CAP              CV200
5  DILTIAZEM (INWOOD) 300MG SA CAP              CV200
Press <RETURN> to see more, '^' to exit this list, '^ ^' to exit all lists, OR
CHOOSE 1-5: 1  DILTIAZEM (DILACOR XR) 240MG SA CAP          CV200    N/F    This
drug will not be processed without Drug Request Form 10-7144

Now doing allergy checks.  Please wait...

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

Prospective Drug: DILTIAZEM 120MG SA CAP
Causative Agent: DILTIAZEM
Historical/Observed: OBSERVED
Severity: MODERATE
Ingredients: DILTIAZEM (LOCAL),
```

```

Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA, NAUSEA,VOMITING,
                ANXIETY, DROWSINESS, DRY MOUTH, DRY NOSE, RASH,
Drug Class: CV200 CALCIUM CHANNEL BLOCKERS (LOCAL),
Provider Override Reason: N/A - Order Entered Through Vista

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:
.
.

```

Example: 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!

Prospective Drug: SEPTRA DS TAB
Causative Agent: SULFADIAZINE/SULFAMERAZINE/SULFAMETHAZINE

```

```

Historical/Observed: HISTORICAL
Severity: Not Entered
Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA, NAUSEA,VOMITING,
                ANXIETY, DROWSINESS,
Drug Class: AM650 SULFONAMIDE/RELATED ANTIMICROBIALS (LOCAL),
Provider Override Reason: N/A - Order Entered Through Vista

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):.

```

Example: 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!

```


Prospective Drug: SULFAMETHOXAZOLE/TRIMETHOPRIM DS TAB
Causative Agent: SULFADIAZINE/SULFAMERAZINE/SULFAMETHAZINE
Historical/Observed: HISTORICAL
Severity: Not Entered
Ingredients: SULFAMETHOXAZOLE (LOCAL), TRIMETHOPRIM (LOCAL)
Signs/Symptoms: ITCHING,WATERING EYES, ANOREXIA,
NAUSEA,VOMITING, ANXIETY, DROWSINESS,
Drug Class: AM650 SULFONAMIDE/RELATED ANTIMICROBIALS
(LOCAL),
Provider Override Reason: N/A - Order Entered Through Vista

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

.

CPRS Order Checks

Three CPRS order checks have been added to the list of order checks performed within the Outpatient Pharmacy application.

- Aminoglycoside Ordered
- Dangerous Meds for Patient >64
- Glucophage –Lab Results

Please Note: See Appendix 5 for details on each order check as taken from CPRS (OERR) documentation.

The CPRS order checks shall be incorporated in the following Outpatient Pharmacy order entry processes:

- Entering a new order via backdoor pharmacy options
- Finishing a pending order
- Renewing an order
- Editing an order which results in a new order being created.
- Verifying an order
- Copying an order
- Reinstating a discontinued order

No user action/intervention shall be required after a CPRS order check warning is displayed.

The following information is displayed for the Aminoglycoside Ordered order check:

- Order Check Name
- Text message displaying an estimated CrCl if available or a message that it is not.

```
***Aminoglycoside Ordered***
```

```
Aminoglycoside - est. CrCl: <VALUE> (CREAT: <result> BUN: <result>) [Est. CrCl  
Based on modified Cockcroft-Gault equation using Adjusted Body Weight (if ht >  
60 in)].
```

-OR-

```
***Aminoglycoside Ordered***
```

```
Aminoglycoside - est. CrCl: <Unavailable> (<Results Not Found>) [Est. CrCl  
Based on modified Cockcroft-Gault equation using Adjusted Body Weight (if ht >  
60
```

The following information is displayed for the Dangerous Meds for Patient >64 order check:

- Order Check Name
- Text message displaying a message if patient is greater than 64 and has been prescribed Amitriptyline

```
***Dangerous Meds for Patient >64***
```

Clinic Orders

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

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

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

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

- If there are start/stop dates defined, they are displayed.
- If there are no stop/start dates defined, the 'requested start/stop dates' will be displayed with the word "Requested" prior to the start/stop date header.
- If there are no requested start/stop dates defined, the order date will be displayed and the start/stop date headers will be displayed with "*****" for the date.
- If there is either a requested start date or a requested stop date, the available date will be displayed and "*****" will be displayed for the undefined date.

Unit Dose Clinic Order Check example:

Now Processing Enhanced Order Checks! Please wait...
This patient is receiving the following order(s) that have a CRITICAL Drug Interaction with CIMETIDINE 300 MG:

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

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

IV Clinic Order Check example:

This patient is receiving the following order(s) that have a CRITICAL Drug Interaction with WARFARIN 2MG TAB:

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

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

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

Unit Dose Clinic Order Check Example:

```
=====
This patient is already receiving the following INPATIENT and/or OUTPATIENT
order(s) for a drug in the same therapeutic class(es):

Drug(s) Ordered:
    POTASSIUM CHLORIDE 30 MEQ

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

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

Do you wish to continue with the current order? YES//
```

IV Example:

```
=====
This patient is already receiving the following INPATIENT and/or OUTPATIENT
order(s) for a drug in the same therapeutic class(es):

Drug(s) Ordered:
    CEFAZOLIN 1 GM

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

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

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

Do you wish to continue with the current order? YES//
```

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 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
E PAYABLE
```

Another New Order for OPPATIENT,FOUR? YES// NO

View of RX:

Medication Profile			Nov 02, 2005@07:33:29		Page: 1 of 1		
OPPATIENT,FOUR							
PID: 000-01-1322P			Ht(cm): _____ (_____)				
DOB: JAN 13,1922 (83)			Wt(kg): _____ (_____)				
SEX: MALE							
CrCL: <Not Found>			BSA (m2): _____				
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF FILL	DAY 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 before continuing.

The following example shows a sample ECME transmission rejection, and how to resolve the rejection error.

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
Group Name  : RXINS
Cardholder ID: 000011322P
Contact: 800 555-5555
Group Number: 12454
-----
  
```

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

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): _____		(<A>)				
DOB: JAN 13,1922 (83)		Wt (kg): _____		(<A>)				
SEX: MALE								
CrCL: <Not Found>		BSA (m2): _____						
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST FILL	REF REM	DAY SUP
-----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

Example: Using the Copy Action

Medication Profile		Jun 04, 2001 15:49:09		Page: 1 of 1			
OPPATIENT6,ONE				<A>			
PID: 000-13-5790		Ht(cm): 175.26 (08/10/1999)					
DOB: FEB 8,1922 (79)		Wt(kg): 75.45 (08/10/1999)					
CrCL: <Not Found>		BSA (m2): 1.92					
#	RX #	DRUG	QTY	ST	ISSUE DATE	LAST REF FILL	DAY REM SUP
-----ACTIVE-----							
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 <i>[Or enter the order number here, e.g. 1]</i>							
Select Orders by number: (1-2): 1							

Actions in parentheses, like Refill in the example below, are not available for the order.

OP Medications (ACTIVE)		Jun 04, 2001 15:50:49		Page: 1 of 3	
OPPATIENT6,ONE				<A>	
PID: 000-13-5790		Ht(cm): 175.26 (08/10/1999)			
DOB: FEB 8,1922 (79)		Wt(kg): 75.45 (08/10/1999)			
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					

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

After “CO” is entered, the heading on the screen changes to “New OP Order (COPY)” and the available actions are limited to “Accept” or “Edit”.

Example: Using the Copy Action (continued)

New OP Order (COPY)	Jun 04, 2001 15:51:32	Page: 1 of 2
OPPATIENT6,ONE <A>		
PID: 000-13-5790	Ht(cm): 175.26 (08/10/1999)	
DOB: FEB 8,1922 (79)	Wt(kg): 75.45 (08/10/1999)	
Orderable Item: AMPICILLIN CAP,ORAL ***(N/F)*** (1) Drug: AMPICILLIN 250MG CAP ***(N/F)*** (2) Patient Status: OUTPT NON-SC (3) Issue Date: JUN 4,2001 (4) Fill Date: JUN 4,2001 (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		

Once the copied order is accepted, the previous order information displays.

```

Duplicate Drug in Local Rx:

Rx #: 503911
Drug: AMPICILLIN 250MG CAP
SIG: TAKE TWO CAPSULES BY MOUTH FOUR TIMES A DAY PROV
COMMENTS
QTY: 80 Refills remaining: 0
Provider: OPPROVIDER4,TWO Issued: 05/25/01
Status: Active Last filled on: 06/01/01
Processing Status: Released locally on 06/01/01@11:34:13 (Window)
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

-----example continues-----
  
```

The new order information is displayed and, once verified, the old order is discontinued.

Example: Using the Copy Action (continued)

```
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: N
```

The Medication Profile screen is redisplayed at this point. The dollar sign after the first prescription number means that a copay charge is associated with that order. The default printer is displayed and the user can queue the label to print, change the default printer, or hold, suspend, or bypass printing.

```
Medication Profile      Jun 04, 2001 16:03:55      Page:      1 of      1
OPPATIENT6,ONE
  PID: 000-13-5790      Ht(cm): 175.26 (08/10/1999)
  DOB: FEB 8,1922 (79)      Wt(kg): 75.45 (08/10/1999)
  CrCL: <Not Found>      BSA (m2): 1.92
  <A>

#  RX #      DRUG      QTY ST  ISSUE  LAST REF DAY
                                DATE  FILL REM SUP
-----
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>
```

Copying an ePharmacy Order

When copying an ePharmacy order, upon acceptance of the copied order the original prescription will be discontinued and a new order created. If the latest fill of the original order has not been released and is E Payable, the claim for that fill will be reversed. A new claim is submitted for the new prescription.

Patient Information	Nov 04, 2005@09:19:26	Page:	1 of 1
OPPATIENT, FOUR			
PID: 000-01-1322P	Ht (cm): _____ (_____)	<A>	
DOB: JAN 13,1922 (83)	Wt (kg): _____ (_____)		
SEX: MALE			
Eligibility: NSC, VA PENSION			
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// <Enter> QUIT			

Medication Profile	Nov 04, 2005@09:23:47	Page:	1 of 1				
OPPATIENT, FOUR							
PID: 000-01-1322P	Ht (cm): _____ (_____)	<A>					
DOB: JAN 13,1922 (83)	Wt (kg): _____ (_____)						
SEX: MALE							
CrCL: <Not Found>	BSA (m2): _____						
#	RX #	DRUG	QTY ST	ISSUE DATE	LAST REF DATE	FILL 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// 1							

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

View of RX:

Medication Profile			Nov 04, 2005@09:25:14		Page: 1 of 1			
OPPATIENT, FOUR								
PID: 000-01-1322P			Ht (cm): _____ (_____)					
DOB: JAN 13, 1922 (83)			Wt (kg): _____ (_____)					
SEX: MALE								
CrCL: <Not Found>			BSA (m2): _____					
#	RX #	DRUG	QTY	ST	DATE	ISSUE FILL	LAST REF REM	DAY SUP
-----ACTIVE-----								
1	100003853e	PREDNISONE 5MG TAB	30	A>	11-04	11-04	5	30
<p>Enter ?? for more actions</p> <p>PU Patient Record Update NO New Order</p> <p>PI Patient Information SO Select Order</p> <p>Select Action: Quit//</p>								

Holding and Unholding a Prescription

If a double question mark (??) is entered at the “Select Action” prompt, the hidden actions on the following page will display in the action area.

The following actions are also available:					
AL	Activity Logs (OP)	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

Use the Hold (HD) action to put a prescription on hold. Use the Unhold (UH) action to remove a prescription from hold.

Only key holders of the PSORPH security key or the PSO TECH ADV security key can hold or unhold a prescription.

PSORPH security key holders are allowed to put a prescription on hold using the following HOLD reasons:

- 1 INSUFFICIENT QTY IN STOCK
- 2 DRUG-DRUG INTERACTION
- 4 PROVIDER TO BE CONTACTED
- 6 ADVERSE DRUG REACTION
- 7 BAD ADDRESS
- 8 PER PATIENT REQUEST
- 9 CONSULT/PRIOR APPROVAL NEEDED
- 98 OTHER/TECH (NON-CLINICAL)
- 99 OTHER/RPH (CLINICAL)

Note: HOLD reasons 98 and 99 require the user to enter a HOLD comment.

PSO TECH ADV security key holders are allowed to put a prescription on hold using the following HOLD reasons:

- 1 INSUFFICIENT QTY IN STOCK
- 7 BAD ADDRESS
- 8 PER PATIENT REQUEST
- 98 OTHER/TECH (NON-CLINICAL)

Note: HOLD reason 98 requires the user to enter a HOLD comment.

While PSORPH security key holders are allowed to remove a prescription from HOLD under any HOLD reason, PSO TECH ADV security key holders are only allowed to remove a prescription from hold under the above HOLD reasons (reasons 1,7, 8, and 98).

Flagging and Unflagging Pending Orders

Flagging a pending order allows you to prevent an order from processing and attach a note known as a flag to the pending order. Flag/Unflag functionality is only available for Pending new orders and Pending renewals; only holders of the PSORPH security key can flag or unflag an order.

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		.						
CrCL: <Not Found>		BSA (m2): 2.08						
#	RX #	DRUG	QTY	ST	DATE	ISSUE	LAST REF	DAY
-----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: 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 New Pending 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

(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

** Editing starred fields will create a new order*

BY Bypass	DC Discontinue	FL Flag/Unflag
ED Edit	FN Finish	

Select Item(s): Next Screen// **FL** Flag/Unflag

Example: A Flagged Renewal

FL-Prescription Renew		Jun 12, 2012@14:00:51	Page: 1 of 2
PAGPATNM,M		<A>	
PID: 666-00-0286	Ht (cm): _____ (_____)		
DOB: DEC 1,1900	Wt (kg): _____ (_____)		

Flagged by PHARMACY,USER on 6/12/12@14:00: test

Rx#: 100001943A

Orderable Item: ACETAMINOPHEN TAB

CMOP Drug: THIORIDAZINE 30MG/ML CONC.

Patient Status: OPT NSC

(1) Issue Date: JUN 12,2012

(2) Fill Date: JUN 12,2012

Dosage: 20 (MG)

Verb: TAKE

Dispense Units: 2

Noun: TABLETS

Route: ORAL (BY MOUTH)

Schedule: BID-PRN

+ Enter ?? for more actions

AC Accept	DC Discontinue	FL Flag/Unflag
BY Bypass	ED Edit	

Select Item(s): Next Screen//

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.

Flagging and Unflagging Pending Orders

Flagging and Unflagging Pending Orders

Flagging a pending order allows you to prevent an order from processing and attach a note known as a flag to the pending order. Flag/Unflag functionality is only available for Pending new orders and Pending renewals; only holders of the PSORPH security key can flag or unflag an order.

Flagged orders will not be processed. They are not a part of any pending orders. 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
CrCL: <Not Found>      BSA (m2): _____
#  RX #      DRUG      QTY ST  DATE  FILL  REM  SUP
-----
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 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.

```

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
  CrCL: <Not Found>          BSA (m2): _____
                                ISSUE  LAST REF DAY
                                QTY ST  DATE  FILL REM SUP
#  RX #          DRUG
-----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$e      BACITRACIN 500 UNT/GM OPTHALMIC OINT 1 AT 06-13 06-14 10 30
6 2055203$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  Renew
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
=====

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1 7/11/08@10:13:11 ORIGINAL OPPHARM,ONE
Comments: ECME:PULLED FROM SUSPENSE(NDC:00024-0303-06)-E PAYABLE-p OPP INSURANCE
2 7/30/08@14:32:17 REFILL 1 OPPHARM,TWO
Comments: ECME:PULLED FROM SUSPENSE(NDC:00024-0303-06)-E REJECTED-p OPP INSURANCE
3 7/30/08@14:55:56 REFILL 1 OPPHARM,TWO
Comments: Submitted to ECME:REJECT WORKLIST-E PAYABLE

```

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//

Glossary

The following table provides definitions for common acronyms and terms used in this manual.

Acronym/Term	Definition
Action Profile	A list of all active and recently canceled or expired prescriptions for a patient sorted by classification. This profile also includes a signature line for each prescription to allow the physician to cancel or renew it.
Activity Log	A log, by date, of changes made to or actions taken on a prescription. An entry is made in this log each time the prescription is edited, canceled, reinstated after being canceled, or renewed. An entry will be made into this log each time a label is reprinted. A CMOP activity log will contain information related to CMOP dispensing activities.
ADD	Automated Dispensing Device
Allergy/ADR Information	Includes non-verified and verified allergy and/or adverse reaction information as defined in the Adverse Reaction Tracking (ART) package. The allergy data is sorted by type (DRUG, OTHER, FOOD). If no data is found for a category, the heading for that category is not displayed.
AMIS	Automated Management Information System
Answer Sheet	An entry in the DUE ANSWER SHEET file. It contains the questions and answers of a DUE questionnaire. This term is also used to refer to the hard copy representation of a DUE ANSWER SHEET entry.
API	Application Programming Interfaces
APSP	Originally Indian Health Service Pharmacy's name space now owned by the Outpatient Pharmacy software.
BSA	<p>Body Surface Area. The Dubois formula is used to calculate the Body Surface Area using the following formula:</p> $BSA (m^2) = 0.20247 \times \text{Height (m)}^{0.725} \times \text{Weight (kg)}^{0.425}$ <p>The equation is performed using the most recent patient height and weight values that are entered into the vitals package.</p> <p>The calculation is not intended to be a replacement for independent clinical judgment.</p>
Bypass	Take no action on a medication order.
CHAMPVA	CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs) is a cost-shared health benefits program established for the dependents and survivors of certain severely disabled and/or deceased veterans.
CMOP	Consolidated Mail Outpatient Pharmacy.
CPRS	Computerized Patient Record System. CPRS is an entry point in VistA that allows the user to enter all necessary orders for a patient in different packages (e.g., Outpatient Pharmacy, Inpatient Pharmacy, etc.) from a single entry point.

Acronym/Term	Definition
CrCL	<p>Creatinine Clearance. The CrCl value which displays in the pharmacy header is identical to the CrCl value calculated in CPRS. The formula approved by the CPRS Clinical Workgroup is the following:</p> <p>Modified Cockcroft-Gault equation using Adjusted Body Weight in kg (if ht > 60in)</p> <p>This calculation is not intended to be a replacement for independent clinical judgment.</p>
Critical	Interactions with severe consequences that require some type of action (finding facts, contacting prescribers) to prevent potential serious harm.
DATUP	Data Update (DATUP). Functionality that allows the Pharmacy Enterprise Customization System (PECS) to send out custom and standard commercial-off-the-shelf (COTS) vendor database changes to update the two centralized databases at Austin and Martinsburg.
DEA	Drug Enforcement Agency
DEA Special Handling	The Drug Enforcement Agency special Handling code used for drugs to designate if they are over-the counter, narcotics, bulk compounds, supply items, etc.
DHCP	See VistA.
DIF	Drug Information Framework
Dispense Drug	The Dispense Drug name has the strength attached to it (e.g., Acetaminophen 325 mg). The name alone without a strength attached is the Orderable Item name.
DNS	Domain Name Server
DoD	Department of Defense
Dosage Ordered	After the user has selected the drug during order entry, the dosage ordered prompt is displayed.
Drug/Drug Interaction	The pharmacological or clinical response to the administration of a drug combination different from that anticipated from the known effects of the two agents when given alone.
DUE	Drug Usage Evaluation
ETC	Enhanced Therapeutic Classification
Expiration/Stop	The date on which a prescription is no longer active. Typically, this date is 30 days after the issue date for narcotics, 365 days after the issue date for other medications and 365 days after the issue date for supplies.
FDB	First DataBank
Finish	Term used for completing orders from Order Entry/Results Reporting V. 3.0.

Acronym/Term	Definition
GUI	Acronym for Graphical User Interface.
HDR-Hx	Health Data Repository Historical
HDR-IMS	Health Data Repository- Interim Messaging Solution
Issue Date	The date on which the prescription was written. This date is usually, but not always, the same as the first fill date. This date cannot be later than the first fill date.
HFS	Host File Server.
Health Insurance Portability and Accountability Act of 1996 (HIPAA)	A Federal law that makes a number of changes that have the goal of allowing persons to qualify immediately for comparable health insurance coverage when they change their employment relationships. Title II, Subtitle F, of HIPAA gives HHS the authority to mandate the use of standards for the electronic exchange of health care data; to specify what medical and administrative code sets should be used within those standards; to require the use of national identification systems for health care patients, providers, payers (or plans), and employers (or sponsors); and to specify the types of measures required to protect the security and privacy of personally identifiable health care information. Also known as the Kennedy-Kassebaum Bill, the Kassebaum-Kennedy Bill, K2, or Public Law 104-191.
JCAHO	Acronym for Joint Commission on Accreditation of Healthcare Organizations
Label/Profile Monitor	A file for each printer which records, in the order in which they were printed, the last 1000 labels or profiles printed on that printer. This allows a rapid reprint of a series of labels or profiles that were damaged by a printer malfunction or other event.
Local Possible Dosages	Free text dosages that are associated with drugs that do not meet all of the criteria for Possible Dosages.
Medication Instruction File	The MEDICATION INSTRUCTION file is used by Unit Dose and Outpatient Pharmacy. It contains the medication instruction name, expansion and intended use.
Medication Order	A prescription.
Medication Profile	A list of all active or recently canceled or expired prescriptions for a patient sorted either by date, drug, or classification. Unlike the action profile, this profile is for information only and does not provide a signature line for a physician to indicate action to be taken on the prescription.
Medication Routes File	The MEDICATION ROUTES file contains medication route names. The user can enter an abbreviation for each route to be used at the local site. The abbreviation will most likely be the Latin abbreviation for the term.
Med Route	The method in which the prescription is to be administered (e.g., oral, injection).
NCCC	Acronym for National Clozapine Coordinating Center.
Non-Formulary Drugs	The medications, which are defined as commercially available drug

Acronym/Term	Definition
	products not included in the VA National Formulary.
Non-VA Meds	Term that encompasses any Over-the-Counter (OTC) medications, Herbal supplements, Veterans Health Administration (VHA) prescribed medications but purchased by the patient at an outside pharmacy, and medications prescribed by providers outside VHA. All Non-VA Meds must be documented in patients' medical records.
OPAI	Outpatient Pharmacy Automated Interface
Order	Request for medication.
Orderable Item	An Orderable Item name has no strength attached to it (e.g., Acetaminophen). The name with a strength attached to it is the Dispense drug name (e.g., Acetaminophen 325mg).
Partial Prescription	A prescription that has been filled for a quantity smaller than requested. A possible reason for a partial fill is that a patient is to return to the clinic in ten days but the prescription calls for a thirty-day supply. Partials do count as workload but do not count against the total number of refills for a prescription.
Payer	In health care, an entity that assumes the risk of paying for medical treatments. This can be an uninsured patient, a self-insured employer, or a health care plan or Health Maintenance Organization (HMO).
Pending Order	A pending order is one that has been entered by a provider through CPRS without Pharmacy finishing the order. Once Pharmacy has finished the order, it will become active.
Pharmacy Narrative	OUTPATIENT NARRATIVE field that may be used by pharmacy staff to display information specific to the patient.
Polypharmacy	The administration of many drugs together.
POE	Acronym for Pharmacy Ordering Enhancements (POE) project. Patch PSO*7*46 contains all the related changes for Outpatient Pharmacy.
Possible Dosages	Dosages that have a numeric dosage and numeric dispense units per dose appropriate for administration. For a drug to have possible dosages, it must be a single ingredient product that is matched to the DRUG file. The DRUG file entry must have a numeric strength and the dosage form/unit combination must be such that a numeric strength combined with the unit can be an appropriate dosage selection.
Prescription	This term is now referred to throughout the software as medication orders.
Prescription Status	<p>A prescription can have one of the following statuses.</p> <p>Active - A prescription with this status can be filled or refilled.</p> <p>Canceled - This term is now referred to throughout the software as Discontinued. (See Discontinued.)</p> <p>Discontinued - This status is used when a prescription was made inactive either by a new prescription or by the request of a physician.</p> <p>Discontinued (Edit) - Discontinued (Edit) is the status used when a medication order has been edited and causes a new order to be created due</p>

Acronym/Term	Definition
	<p>to the editing of certain data elements.</p> <p>Deleted - This status is used when a prescription is deleted. Prescriptions are no longer physically deleted from the system, but marked as deleted. Once a prescription is marked deleted no access is allowed other than view.</p> <p>Expired - 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>Hold - A prescription that was placed on hold due to reasons determined by the pharmacist.</p> <p>Non-verified - There are two types of non-verified statuses. Depending on a site parameter, prescriptions entered by a technician do not become active until a pharmacist reviews them. Until such review, they remain non-verified and cannot be printed, canceled or edited except through the <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>Pending - A prescription that has been entered through OERR.</p> <p>Refill - A second or subsequent filling authorized by the provider.</p> <p>Suspended - A prescription that will be filled at some future date.</p>
Progress Notes	A component of Text Integration Utilities (TIU) that can function as part of CPRS.
Provider	The person who authorized an order. Only users identified as providers who are authorized to write medication orders may be selected.
Reprinted Label	Unlike a partial prescription, a reprint does not count as workload.
Questionnaire	An entry in the DUE QUESTIONNAIRE file. This file entry contains the set of questions related to a DUE as well as the drugs being evaluated.
Schedule	The frequency by which the doses are to be administered, such as Q8H, BID, NOW, etc.
Sig	The instructions printed on the label.
Significant	The potential for harm is either rare or generally known so that it is reasonable to expect that all prescribers have taken this information into account.
Speed Actions	See Actions.
Suspense	A prescription may not be able to be filled on the day it was requested. When the prescription is entered, a label is not printed. Rather, the prescription is put in the RX SUSPENSE file to be printed at a later date.
Third (3rd) Party Claims	Health care insurance claims submitted to an entity for reimbursement of health care bills.
Time In	This is the time that the patient's name was entered in the computer.
Time Out	This is the time that the patient's name was entered on the bingo board

Acronym/Term	Definition
	monitor.
TIU	Text Integration Utilities; a package for document handling, that includes Consults, Discharge summary, and Progress Notes, and will later add other document types such as surgical pathology reports. TIU components can be accessed for individual patients through the CPRS, or for multiple patients through the TIU interface.
TRICARE	<p>TRICARE is the uniformed service health care program for:</p> <ul style="list-style-type: none"> • active duty service members and their families • retired service members and their families • members of the National Guard and Reserves and their families • survivors, and • others who are eligible <p>There are differences in how prescriptions for TRICARE beneficiaries are processed versus how prescriptions are processed for veterans.</p>
Units per Dose	The number of Units (tablets, capsules, etc.) to be dispensed as a Dose for an order. Fractional numbers will be accepted for medications that can be split.
VistA	Acronym for Veterans Health Information Systems and Technology Architecture, the new name for Decentralized Hospital Computer Program (DHCP).
Wait Time	This is the amount of time it took to fill the prescription. It is the difference between Time In and Time Out. For orders with more than one prescription, the wait time is the same for each.

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