



INPATIENT MEDICATIONS

PHARMACIST'S USER MANUAL

Version 5.0
January 2005

(Revised October 2007)

Revision History

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

Date	Revised Pages	Patch Number	Description
10/2007	iii, 124 a-d 5, 17-18, 27-28, 30-34, 37- 38, 65-68, 76-80, 83-84, 119-120, 123-124, 149-150, 195-196, 209-210	PSJ*5*175 PSJ*5*160	Modified outpatient header text for display of duplicate orders. Added new functionality to Duplicate Drug and Duplicate Class Order Check definitions. REDACTED Modifications for remote allergies, to ensure all allergies are included when doing order checks using VA Drug Class; Analgesic order checks match against specific class only; check for remote data interoperability performed when entering patient’s chart; and list of remote allergies added to Patient Information screen.
07/2007	79a-79b, 86a-86b, 92a-92b	PSJ*5*145	On 24-Hour, 7-Day, and 14-Day MAR Reports, added prompt to include Clinic Orders when printing by Ward or Ward Group. Also added prompt to include Ward Orders when printing by Clinic or Clinic Group. REDACTED
05/2007	25	PSJ*5*120	Modified Inpatient Medications V. 5.0 to consider the duration the same way as all other stop date parameters, rather than as an override. REDACTED
12/2005	1, 124-124b	PSJ*5*146	Remote Data Interoperability (RDI) Project: Removed document revision dates in Section 1. Introduction. Updated Section 4.3. Order Checks to include new functionality for checking allergies, drug reactions, and interactions. REDACTED

Date	Revised Pages	Patch Number	Description
03/2005	iv-v,1, 114-116, 223, 236-241	PSJ*5*112	<p>Updated TOC to correct Index page number. (p. iv)</p> <p>In Unit Dose Menu Tree, changed Clinic Stop Dates to Clinic Definition. (p. v)</p> <p>In Section 1., Introduction, updated revision dates and added reference to Release Notes. (p. 1)</p> <p>In Sections 4.2.5.1., 4.2.5.3., and 4.2.5.3., added a sentence that refers to the IMO parameter NUMBER OF DAYS UNTIL STOP from the CLINIC DEFINITION file. (p.114-116)</p> <p>Updated Glossary; added definition for CLINIC DEFINITION File. (p. 223)</p> <p>Updated Index; added CLINIC DEFINITION file and Inpatient Medication Orders for Outpatients page number references; reflowed all following Index pages. (p. 236-241)</p> <p>REDACTED</p>
01/2005	All	PSJ*5*111	<p>Reissued entire document to include updates for Inpatient Medication Orders for Outpatients and Non-Standard Schedules.</p> <p>REDACTED</p>

Table of Contents

1. Introduction.....	1
2. Orientation	3
3. List Manager	5
3.1. Using List Manager	7
3.2. Hidden Actions	7
4. Order Options	11
4.1. Unit Dose Medications Option.....	11
4.1.1. Order Entry	12
4.1.2. Non-Verified/Pending Orders.....	13
4.1.3. Inpatient Order Entry	17
4.1.4. Patient Actions	18
4.1.5. Order Actions.....	40
4.1.6. Discontinue All of a Patient’s Orders	60
4.1.7. Hold All of a Patient’s Orders	60
4.1.8. Inpatient Profile	61
4.2. IV Menu Option	63
4.2.1. Order Entry (IV)	64
4.2.2. Inpatient Order Entry	65
4.2.3. Patient Actions	66
4.2.4. Order Actions.....	86
4.2.5. IV Types.....	114
4.2.6. Profile (IV).....	117
4.2.7. Inpatient Profile	121
4.3. Order Checks	123
4.3.1. Outpatient Duplicate Orders	124a
4.3.2. Inpatient Duplicate Orders	124b
4.3.3. Discontinuing Duplicate Inpatient Orders	124d
4.3.3.1 Exiting the Order Process	124d

5. Maintenance Options.....	125
5.1. Unit Dose.....	125
5.1.1. Edit Inpatient User Parameters	125
5.1.2. Edit Patient’s Default Stop Date.....	126
5.2. IV	126
5.2.1. Change Report/Label Devices (IV)	126
5.2.2. Change to Another IV Room (IV)	127
6. Pick List Menu.....	129
6.1. Pick List.....	129
6.2. ENter Units Dispensed	134
6.3. EXtra Units Dispensed	136
6.4. Report Returns.....	137
6.5. Reprint Pick List.....	138
6.6. Send Pick List To ATC	140
6.7. Update Pick List	141
7. Production Options.....	143
7.1. Ward List (IV)	143
7.2. Update Daily Ward List (IV).....	144
7.3. Manufacturing List (IV)	146
7.4. RETurns and Destroyed Entry (IV).....	148
7.5. Barcode ID – Return and Destroy (IV)	152
8. Output Options	153
8.1. Unit Dose.....	153
8.1.1. PAtient Profile (Unit Dose)	153
8.1.2. Reports Menu.....	154
8.1.3. Align Labels (Unit Dose).....	192
8.1.4. Label Print/Reprint.....	192
8.2. IV	193
8.2.1. Label Menu (IV)	193
8.2.2. REPorts (IV)	200
8.2.3. SUSpense Functions (IV)	208

9. Inquiries Option.....	215
9.1. Unit Dose.....	215
9.1.1. INquiries Menu	215
9.2. IV	217
9.2.1. Drug Inquiry (IV).....	217
10. Glossary	219
11. Index.....	235

Since the documentation is arranged in a topic oriented format and the screen options are not, a menu tree is provided below for the newer users who may need help finding the explanations to the options.

Unit Dose Menu Tree	Topic-Oriented Section
Align Labels (Unit Dose)	Output Options
Clinic Definition	Maintenance Options
Discontinue All of a Patient's Orders	Order Options
EUP Edit Inpatient User Parameters	Maintenance Options
ESD Edit Patient's Default Stop Date	Maintenance Options
Hold All of a Patient's Orders	Order Options
IOE Inpatient Order Entry	Order Options
IPF Inpatient Profile	Order Options
INquiries Menu ...	
Dispense Drug Look-Up	Inquiries Options
Standard Schedules	Inquiries Options
Label Print/Reprint	Output Options
Non-Verified/Pending Orders	Order Options
Order Entry	Order Options
PAtient Profile (Unit Dose)	Output Options
Pick List Menu	Pick List Menu
ENter Units Dispensed	Pick List Menu
EXtra Units Dispensed	Pick List Menu
Pick List	Pick List Menu
Report Returns	Pick List Menu
Reprint Pick List	Pick List Menu
Send Pick List to ATC	Pick List Menu
Update Pick List	Pick List Menu
Reports Menu ...	Output Options
7 Day MAR	Output Options
14 Day MAR	Output Options
24 Hour MAR	Output Options
Action Profile #1	Output Options
Action Profile #2	Output Options
AAuthorized Absence/Discharge Summary	Output Options
Extra Units Dispensed Report	Output Options
Free Text Dosage Report	Output Options
INpatient Stop Order Notices	Output Options
Medications Due Worksheet	Output Options
Patient Profile (Extended)	Output Options

IV Menu Tree

CRL Change Report/Label Devices (IV)
CIR Change to Another IV Room (IV)
Drug Inquiry (IV)
IOE Inpatient Order Entry
IPF Inpatient Profile
Barcode ID – Return and Destroy (IV)
Label Menu (IV) ...
 Align Labels (IV)
 Individual Labels (IV)
 Scheduled Labels (IV)
 Reprint Scheduled Labels (IV)
 Test Control Codes (IV)
Manufacturing List (IV)
Order Entry (IV)
Profile (IV)
REPorts (IV) ...
 Active Order List (IV)
 Inpatient Stop Order Notices
 IV Drug Formulary Report (IV)
 Patient Profile Report (IV)
 Renewal List (IV)
RETURNS and Destroyed Entry (IV)
SUSPENSE Functions (IV)...
 Delete Labels From Suspense (IV)
 Individual Order Suspension (IV)
 Labels from Suspense (IV)
 Manufacturing Record for Suspense (IV)
 Reprint Labels from Suspense (IV)
 Suspense List (IV)
Update Daily Ward List (IV)
Ward List (IV)

Topic Oriented Section

Maintenance Options
Maintenance Options
Inquiries Options
Order Options
Order Options
Production Options
Output Options
Output Options
Output Options
Output Options
Output Options
Output Options
Production Options
Order Options
Order Options
Output Options
Output Options
Output Options
Output Options
Output Options
Production Options
Output Options
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Output Options
Output Options
Production Options
Production Options

(This page included for two-sided copying.)

3. List Manager

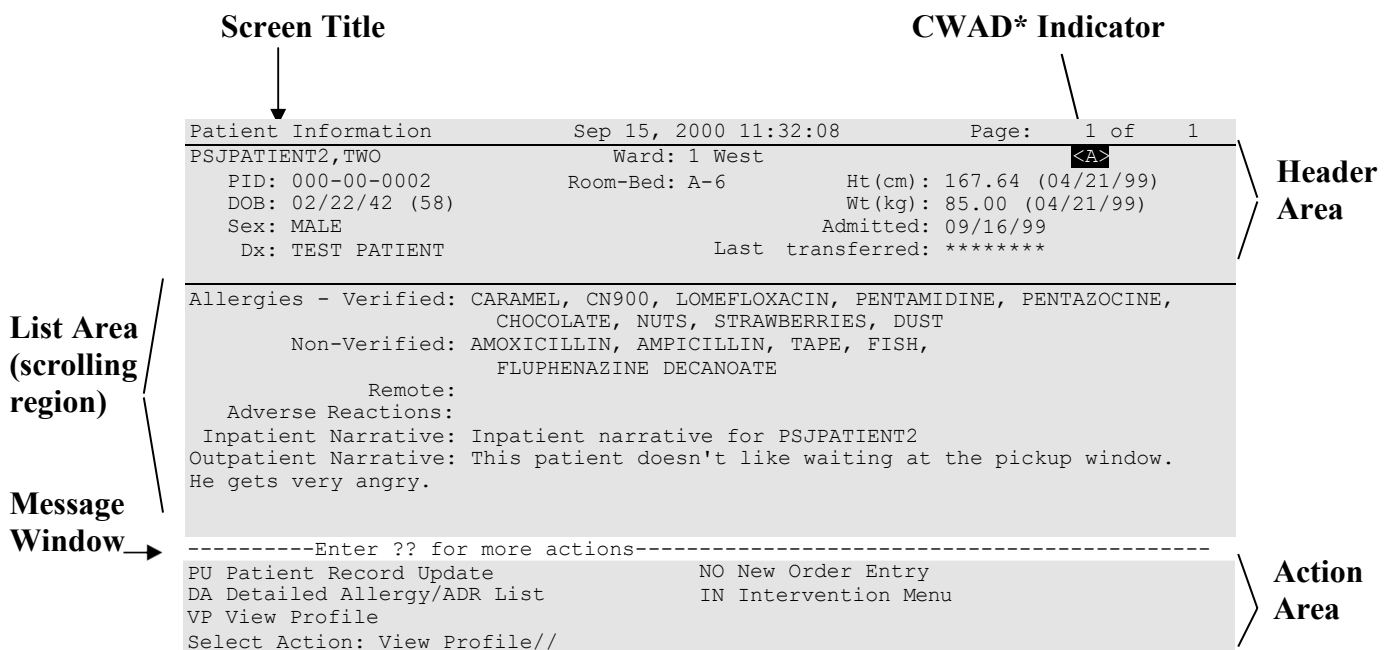
The new screen, which was designed using List Manager, has dramatically changed from the previous release.

This new screen will give the user:

- More pertinent information
- Easier accessibility to vital reports and areas of a patient’s chart the user may wish to see.

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 button. This type of preparation before using List Manager is effective in saving time and effort.

Inpatient List Manager



* Crises, Warnings, Allergies, and Directives (CWAD)

Screen Title: The screen title changes according to what type of information List Manager is displaying (e.g., Patient Information, Non-Verified Order, Inpatient Order Entry, etc).

CWAD Indicator: This indicator will display when the crises, warnings, allergies, and directives information has been entered for the patient. (This information is entered via the Text Integration Utilities (TIU) package.) When the patient has Allergy/ADR data defined, an “<A>” is displayed to the right of the ward location to alert the user of the existence of this information.



Note: This data may be displayed using the Detailed Allergy/ADR List action). Crises, warnings, and directives are displayed respectively, “<C>”, “<W>”, “<D>”. This data may be displayed using the CWAD hidden action). Any combination of the four indicators can display.

Header Area: The header area is a “fixed” (non-scrollable) area that displays the patient’s demographic information. This also includes information about the patient’s current admission. The status and type of order are displayed in the top left corner of the heading, and will include the priority (if defined) for pending orders.

List Area: (scrolling region): This is the section that will scroll (like the previous version) and display the information that an action can be taken on. The Allergies/Reactions line includes non-verified and verified Allergy/ADR information as defined in the Allergy 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. The Inpatient and Outpatient Narrative lines may be used by the inpatient pharmacy staff to display information specific to the current admission for the patient.

Message Window: This section displays a plus sign (+), if the list is longer than one screen, and informational text (e.g., Enter ?? for more actions). If the plus sign is entered at the action prompt, List Manager will “jump” forward to the next screen. The plus sign is only a valid action if it is displayed in the message window.

Action Area: The list of valid actions available to the user display in this area of the screen. If a double question mark (??) is entered at the “Select Action:” prompt, a “hidden” list of additional actions that are available will be displayed.

4.1.3 Inpatient Order Entry [PSJ OE]

The *Inpatient Order Entry* option allows the pharmacist to create, edit, renew, hold, and discontinue Unit Dose and IV orders, as well as put existing IV orders on call for any patient, while remaining in the Unit Dose Medications module.

When the user accesses the *Inpatient Order Entry* option from the Unit Dose Medications module for the first time within a session, a prompt is displayed to select the IV room in which to enter orders. When only one active IV room exists, the system will automatically select that IV room. The user is then given the label and report devices defined for the IV room chosen. If no devices have been defined, the user will be given the opportunity to choose them. If this option is exited and then re-entered within the same session, the current label and report devices are shown. The following example shows the option re-entered during the same session.

Example: Inpatient Order Entry

```
Select Unit Dose Medications Option: IOE Inpatient Order Entry
You are signed on under the BIRMINGHAM ISC IV ROOM
Current IV LABEL device is: NT TELNET TERMINAL
Current IV REPORT device is: NT TELNET TERMINAL
Select PATIENT: PSJPATIENT1
```

At the “Select PATIENT:” prompt, the user can enter the patient’s name or enter the first letter of the patient’s last name and the last four digits of the patient’s social security number (e.g., P0001). The Patient Information Screen is displayed:

Example: Patient Information Screen

```
Patient Information          Sep 12, 2000 10:36:38          Page: 1 of 1
PSJPATIENT1,ONE           Ward: 1 EAST
PID: 000-00-0001          Room-Bed: B-12           Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)                Wt (kg) : _____ (_____)
Sex: MALE                               Admitted: 05/03/00
Dx: TESTING                               Last transferred: *****

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative: INP NARR...
Outpatient Narrative:

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile//
```

The pharmacist can now enter a Patient Action at the “Select Action: View Profile//” prompt in the Action Area of the screen.

4.1.4. Patient Actions

The Patient Actions are the actions available in the Action Area of the List Manager Screen. These actions pertain to the patient information and include editing, viewing, and new order entry.

4.1.4.1. Patient Record Update

The Patient Record Update action allows editing of the Inpatient Narrative and the Patient's Default Stop Date and Time for Unit Dose Order entry.

Example: Patient Record Update

Patient Information	Sep 12, 2000 14:39:07	Page:	1 of 1
PSJPATIENT1,ONE	Ward: 1 EAST		
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)	
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)	
Sex: MALE		Admitted: 05/03/00	
Dx: TESTING	Last transferred: *****		

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative: INP NARR ...
Outpatient Narrative:

Enter ?? for more actions

PU Patient Record Update	NO New Order Entry
DA Detailed Allergy/ADR List	IN Intervention Menu
VP View Profile	
Select Action: View Profile// PU	
INPATIENT NARRATIVE: INP NARR...// Narrative for Patient PSJPATIENT1	
UD DEFAULT STOP DATE/TIME: SEP 21,2000@24:00//	

The “INPATIENT NARRATIVE: INP NARR...//” prompt allows the pharmacist to enter information in a free text format, up to 250 characters.

The “UD DEFAULT STOP DATE/TIME:” prompt is the date and time entry to be used as the default value for the STOP DATE/TIME of the Unit Dose orders during order entry and renewal processes. This value is used only if the corresponding ward parameter is enabled. The order entry and renewal processes will sometimes change this date and time.



Note: If the Unit Dose order, being finished by the pharmacist, is received from CPRS and has a duration assigned, the UD DEFAULT STOP DATE/TIME is displayed as the Calc Stop Date/Time.

When the SAME STOP DATE ON ALL ORDERS parameter is set to Yes, the module will assign the same default stop date for each patient. This date is initially set when the first order is entered for the patient, and can change when an order for the patient is renewed. This date is shown as the default value for the stop date of each of the orders entered for the patient.

Example: New Order Entry

Patient Information		Feb 14, 2001 10:21:33	Page:	1 of	1
PSJPATIENT1,ONE		Ward: 1 EAST			
PID: 000-00-0001	Room-Bed:	Ht (cm) :	()
DOB: 08/18/20 (80)		Wt (kg) :	()
Sex: MALE		Admitted:	11/07/00		
Dx: TEST		Last transferred:	*****		

Allergies/Reactions: No Allergy Assessment
 Remote:
 Adverse Reactions:
 Inpatient Narrative: Narrative for Patient PSJPATIENT1
 Outpatient Narrative:

Enter ?? for more actions

PU Patient Record Update	NO New Order Entry
DA Detailed Allergy/ADR List	IN Intervention Menu
VP View Profile	

Select Action: View Profile// **NO** New Order Entry

Select DRUG: **POT**

1	POTASSIUM CHLORIDE 10 mEq U/D TABLET	TN403			
2	POTASSIUM CHLORIDE 10% 16 OZ	TN403	N/F	BT	
3	POTASSIUM CHLORIDE 20% 16 OZ	TN403	N/F		
4	POTASSIUM CHLORIDE 20MEQ PKT	TN403		UNIT DOSE	INPAT
5	POTASSIUM CHLORIDE 2MEQ/ML INJ 20ML VIAL		TN403	N/F	

Press <RETURN> to see more, '^' to exit this list, OR
 CHOOSE 1-5: **1** POTASSIUM CHLORIDE 10 mEq U/D TABLET TN403

1. 10
 2. 20

DOSAGE ORDERED (IN MEQ) : **1**

You entered 10MEQ is this correct? Yes// **<Enter>** YES
 MED ROUTE: ORAL// **<Enter>** PO
 SCHEDULE TYPE: CONTINUOUS// **<Enter>** CONTINUOUS
 SCHEDULE: **BID** 08-16
 ADMIN TIMES: 08-16// **<Enter>**
 SPECIAL INSTRUCTIONS: **<Enter>**
 START DATE/TIME: FEB 14,2001@16:00// **<Enter>** FEB 14,2001@16:00
 STOP DATE/TIME: FEB 23,2001@24:00// **<Enter>** FEB 23,2001@24:00
 PROVIDER: PSJPROVIDER,ONE// **<Enter>**

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

Example: New Order Entry (continued)

NON-VERIFIED UNIT DOSE	Feb 14, 2001 10:23:37	Page: 1 of 2
PSJPATIENT1,ONE	Ward: 1 EAST	
PID: 000-00-0001	Room-Bed:	Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)
(1) Orderable Item: POTASSIUM CHLORIDE TAB,SA		
Instructions:		
(2) Dosage Ordered: 10MEQ		(3) Start: 02/14/01 16:00
Duration:		(5) Stop: 02/23/01 24:00
(4) Med Route: ORAL		
(6) Schedule Type: CONTINUOUS		
(8) Schedule: BID		
(9) Admin Times: 08-16		
(10) Provider: PSJPROVIDER,ONE [w]		
(11) Special Instructions:		
(12) Dispense Drug	U/D	Inactive Date
POTASSIUM CHLORIDE 10 mEq U/D TABLET	1	

+ Enter ?? for more actions

ED Edit AC ACCEPT

Select Item(s): Next Screen// **AC** ACCEPT

NATURE OF ORDER: WRITTEN// **<Enter>**

...transcribing this non-verified order....

NON-VERIFIED UNIT DOSE	Feb 14, 2001 10:24:52	Page: 1 of 2
PSJPATIENT1,ONE	Ward: 1 EAST	
PID: 000-00-0001	Room-Bed:	Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)
* (1) Orderable Item: POTASSIUM CHLORIDE TAB,SA		
Instructions:		
* (2) Dosage Ordered: 10MEQ		(3) Start: 02/14/01 16:00
Duration:		(5) Stop: 02/23/01 24:00
* (4) Med Route: ORAL		
(6) Schedule Type: CONTINUOUS		
* (8) Schedule: BID		
(9) Admin Times: 08-16		
* (10) Provider: PSJPROVIDER,ONE [w]		
(11) Special Instructions:		
(12) Dispense Drug	U/D	Inactive Date
POTASSIUM CHLORIDE 10 mEq U/D TABLET	1	

+ Enter ?? for more actions

DC Discontinue ED Edit AL Activity Logs

HD (Hold) RN (Renew)

FL Flag VF Verify

Select Item(s): Next Screen// **VF** Verify

...a few moments, please.....

Pre-Exchange DOSES: **<Enter>**

ORDER VERIFIED.

Enter RETURN to continue or '^' to exit:

4.1.4.3. Detailed Allergy/ADR List

The Detailed Allergy/ADR List action displays a detailed listing of the selected item from the patient's Allergy/ADR List. Entry to the *Edit Allergy/ADR Data* option is provided with this list also.

- **Enter/Edit Allergy/ADR Data**

Provides access to the Adverse Reaction Tracking (ART) package to allow entry and/or edit of allergy adverse reaction data for the patient. See the Allergy package documentation for more information on Allergy/ADR processing.

- **Select Allergy**

Allows the user to view a specific allergy.

4.1.4.4. Intervention Menu



This option is only available to those users who hold the PSJ RPHARM key.

The Intervention Menu action allows entry of new interventions and existing interventions to be edited, deleted, viewed, or printed. Each kind of intervention will be discussed and an example will follow.

- **New:** This option is used to add an entry into the APSP INTERVENTION file.

Example: New Intervention

```

Patient Information          Sep 22, 2000 08:03:07          Page: 1 of 1
PSJPATIENT2,TWO           Ward: 1 West          <A>
PID: 000-00-0002          Room-Bed: A-6        Ht(cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)                Wt(kg): 85.00 (04/21/99)
Sex: MALE                      Admitted: 09/16/99
Dx: TEST PATIENT              Last transferred: *****
Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                          CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                          FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention     DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention

Select Item(s): NE Enter Pharmacy Intervention
Select APSP INTERVENTION INTERVENTION DATE: T SEP 22, 2000
Are you adding 'SEP 22, 2000' as a new APSP INTERVENTION (the 155TH)? No// Y
(Yes)
APSP INTERVENTION PATIENT: PSJPATIENT2,TWO 02-22-42 000000002 N
SC VETERAN
APSP INTERVENTION DRUG: WAR
1 WARFARIN 10MG BL100 TAB
2 WARFARIN 10MG U/D BL100 TAB **AUTO STOP 2D**
3 WARFARIN 2.5MG BL100 TAB
4 WARFARIN 2.5MG U/D BL100 TAB **AUTO STOP 2D**
5 WARFARIN 2MG BL100 TAB
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1 WARFARIN 10MG BL100 TAB
PROVIDER: PSJPROVIDER,ONE PROV
INSTITUTED BY: PHARMACY// <Enter> PHARMACY
INTERVENTION: ALLERGY
RECOMMENDATION: NO CHANGE
WAS PROVIDER CONTACTED: N NO
RECOMMENDATION ACCEPTED: Y YES
REASON FOR INTERVENTION:
1>
ACTION TAKEN:
1>
CLINICAL IMPACT:
1>
FINANCIAL IMPACT:
1>
Select Item(s):

```

- **Edit:** This option is used to edit an existing entry in the APSP INTERVENTION file.

Example: Edit an Intervention

```

Patient Information      Sep 22, 2000 08:03:07      Page: 1 of 1
PSJPATIENT2,TWO      Ward: 1 West      <A>
  PID: 000-00-0002      Room-Bed: A-6      Ht (cm): 167.64 (04/21/99)
  DOB: 02/22/42 (58)      Wt (kg): 85.00 (04/21/99)
  Sex: MALE      Admitted: 09/16/99
  Dx: TEST PATIENT      Last transferred: *****

Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                   CHOCOLATE, NUTS, STRAWBERRIES, DUST
  Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                   FLUPHENAZINE DECANOATE
  Remote:
  Adverse Reactions:
  Inpatient Narrative: Inpatient narrative
  Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
  like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update      NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention      DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): ED Edit Pharmacy Intervention
Select INTERVENTION: TSEP 22, 2000      PSJPATIENT2,TWO WARFARIN 10MG
INTERVENTION DATE: SEP 22,2000// <Enter>
PATIENT: PSJPATIENT2,TWO// <Enter>
PROVIDER: PSJPROVIDER,ONE // <Enter>
PHARMACIST: PSJPHARMACIST,ONE // <Enter>
DRUG: WARFARIN 10MG// <Enter>
INSTITUTED BY: PHARMACY// <Enter>
INTERVENTION: ALLERGY// <Enter>
OTHER FOR INTERVENTION:
  1>
RECOMMENDATION: NO CHANGE// <Enter>
OTHER FOR RECOMMENDATION:
  1>
WAS PROVIDER CONTACTED: NO// <Enter>
PROVIDER CONTACTED:
RECOMMENDATION ACCEPTED: YES// <Enter>
AGREE WITH PROVIDER: <Enter>
REASON FOR INTERVENTION:
  1>
ACTION TAKEN:
  1>
CLINICAL IMPACT:
  1>
FINANCIAL IMPACT:
  1>

```

- **Delete:** This option is used to delete an entry from the APSP INTERVENTION file. The pharmacist may only delete an entry that was entered on the same day.

Example: Delete an Intervention

```

Patient Information          Sep 22, 2000 08:03:07          Page: 1 of 1
PSJPATIENT2,TWO           Ward: 1 West          <A>
PID: 000-00-0002          Room-Bed: A-6        Ht(cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)       Wt(kg): 85.00 (04/21/99)
Sex: MALE                 Admitted: 09/16/99
Dx: TEST PATIENT         Last transferred: *****

Allergies - Verified: CARAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                     CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
               FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---
NE Enter Pharmacy Intervention     DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): DEL Delete Pharmacy Intervention
You may only delete entries entered on the current day.

Select APSP INTERVENTION INTERVENTION DATE: T SEP 22, 2000 PSJPATIENT2,TWO
WARFARIN 10MG
SURE YOU WANT TO DELETE THE ENTIRE ENTRY? YES

```

- **View:** This option is used to display Pharmacy Interventions in a captioned format.

Example: View an Intervention

```

Patient Information      Sep 22, 2000 08:03:07      Page: 1 of 1
PSJPATIENT2,TWO        Ward: 1 West      <A>
PID: 000-00-0002      Room-Bed: A-6      Ht (cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)      Wt (kg): 85.00 (04/21/99)
Sex: MALE              Admitted: 09/16/99
Dx: TEST PATIENT      Last transferred: *****

Allergies - Verified:  CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                      CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified:  AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative:  Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update      NO New Order Entry
DA Detailed Allergy/ADR List  IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention      DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): VW View Pharmacy Intervention
Select APSP INTERVENTION INTERVENTION DATE: T SEP 22, 2000      PSJPATIENT2,TWO
WARFARIN 10MG
ANOTHER ONE: <Enter>
INTERVENTION DATE: SEP 22, 2000      PATIENT: PSJPATIENT2,TWO
PROVIDER: PSJPROVIDER,ONE      PHARMACIST: PSJPHARMACIST,ONE
DRUG: WARFARIN 10MG      INSTITUTED BY: PHARMACY
INTERVENTION: ALLERGY      RECOMMENDATION: NO CHANGE
WAS PROVIDER CONTACTED: NO      RECOMMENDATION ACCEPTED: YES

```

- **Print:** This option is used to obtain a captioned printout of Pharmacy Interventions for a certain date range. It will print out on normal width paper and can be queued to print at a later time.

Example: Print an Intervention

```

Patient Information          Sep 22, 2000 08:03:07          Page: 1 of 1
PSJPATIENT2,TWO           Ward: 1 West
PID: 000-00-0002           Room-Bed: A-6           Ht (cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)        Wt (kg): 85.00 (04/21/99)
Sex: MALE                  Admitted: 09/16/99
Dx: TEST PATIENT          Last transferred: *****

```

```

Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                   CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                   FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

```

```

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention     DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention     VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): PRT Print Pharmacy Intervention
* Previous selection: INTERVENTION DATE equals 7/2/96
START WITH INTERVENTION DATE: FIRST// T (SEP 22, 2000)
GO TO INTERVENTION DATE: LAST// T (SEP 22, 2000)
DEVICE: <Enter> NT/Cache virtual TELNET terminal      Right Margin: 80//
PHARMACY INTERVENTION LISTING      SEP 22,2000 09:20 PAGE 1
-----

```

```

INTERVENTION: ALLERGY

INTERVENTION DATE: SEP 22,2000      PATIENT: PSJPATIENT2,TWO
PROVIDER: PSJPROVIDER,ONE           PHARMACIST: PSJPHARMACIST,ONE
DRUG: WARFARIN 10MG                 INSTITUTED BY: PHARMACY
RECOMMENDATION: NO CHANGE
WAS PROVIDER CONTACTED: NO          RECOMMENDATION ACCEPTED: YES
PROVIDER CONTACTED:

-----
SUBTOTAL                             1
SUBCOUNT                            1
-----
TOTAL                                 1
COUNT                               1

```

Example: Active Complex Order in Profile View

Inpatient Order Entry	Mar 07, 2004@15:00:05	Page: 1 of 1
PSJPATIENT1,ONE	Ward: 1 EAST	
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)
DOB: 08/18/20 (81)		Wt (kg) : _____ (_____)
Sex: MALE		Admitted: 03/03/04
Dx: TESTING		Last transferred: *****

----- A C T I V E -----

1	CAPTOPRIL TAB	C 03/26 03/27 A
	Give: 25MG PO QDAILY	
2	CAPTOPRIL TAB	C 03/28 03/29 A
	Give: 50MG PO BID	
3	CAPTOPRIL TAB	C 03/30 03/31 A
	Give: 100MG PO TID	

Enter ?? for more actions

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

Select Action: Next Screen//

4.1.4.6. Patient Information

The Patient Information screen is displayed for the selected patient. This header contains the patient's demographic data, while the list area contains the Allergy/Adverse Reaction data, and Pharmacy Narratives. If an outpatient is selected, all future appointments in clinics that allow Inpatient Medications unit dose orders will display in the list area, too.

Example: Patient Information

Patient Information	Sep 13, 2000 15:04:31	Page: 1 of 1
PSJPATIENT1,ONE	Ward: 1 EAST	
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)
Sex: MALE		Admitted: 05/03/00
Dx: TESTING		Last transferred: *****

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative: Narrative for Patient PSJPATIENT1
Outpatient Narrative:

Enter ?? for more actions

PU Patient Record Update	NO New Order Entry
DA Detailed Allergy/ADR List	IN Intervention Menu
VP View Profile	

Select Action: View Profile//

Example: Patient Information Screen for Outpatient Receiving Inpatient Medications

Patient Information	May 12, 2003 14:27:13	Page: 1 of 1
PSJPATIENT3,THREE Last Ward: 1 West		
PID: 000-00-0003	Last Room-Bed:	Ht (cm) : _____ (_____)
DOB: 02/01/55 (48)		Wt (kg) : _____ (_____)
Sex: FEMALE		Last Admitted: 01/13/98
Dx: TESTING		Discharged: 01/13/98
Allergies/Reactions: No Allergy Assessment		
Remote:		
Adverse Reactions:		
Inpatient Narrative:		
Outpatient Narrative:		
Clinic:	Date/Time of Appointment:	
Clinic A	May 23, 2003/9:00 am	
Flu Time Clinic	October 6, 2003/10:00 am	
Enter ?? for more actions		
PU Patient Record Update	NO New Order Entry	
DA Detailed Allergy/ADR List	IN Intervention Menu	
VP View Profile		
Select Action: View Profile//		

4.1.4.7. Select Order

The Select Order action is used to take action on a previously entered order by selecting it from the profile, after the patient is selected and length of profile is chosen.

Example: Selecting and Displaying an Order

Inpatient Order Entry	Mar 07, 2002@13:10:28	Page: 1 of 1
PSJPATIENT1,ONE Ward: 1 EAST		
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)
DOB: 08/18/20 (81)		Wt (kg) : _____ (_____)
Sex: MALE		Admitted: 05/03/00
Dx: TESTING	Last transferred: *****	
- - - - - A C T I V E - - - - -		
1 d->in 5% DEXTROSE 50 ML 125 ml/hr	C 03/06 03/06	E
2 ASPIRIN CAP,ORAL	C 03/07 03/08	A
Give: 325MG PO QID		
3 CEPHAPIRIN 1 GM	C 03/04 03/09	A
in DEXTROSE 5% IN N. SALINE 1000 ML QID		
- - - - - P E N D I N G - - - - -		
4 in DEXTROSE 10% 1000 ML 125 ml/hr	? *****	***** P
Enter ?? for more actions		
PI Patient Information	SO Select Order	
PU Patient Record Update	NO New Order Entry	
Select Action: Quit// 2		

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

Example: Patient Information

```
Patient Information          Sep 11, 2000 16:09:05          Page:    1 of    1
PSJPATIENT1,ONE           Ward: 1 EAST
PID: 000-00-0001          Room-Bed: B-12          Ht (cm) : _____ ( _____ )
DOB: 08/18/20 (80)                Wt (kg) : _____ ( _____ )
Sex: MALE                    Admitted: 05/03/00
Dx: TESTING                  Last transferred: *****

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative: INP NARR...
Outpatient Narrative:

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile//
```

The pharmacist can now enter a Patient Action at the “Select Action: View Profile//” prompt in the Action Area of the screen.

4.2.2. Inpatient Order Entry [PSJ OE]

The *Inpatient Order Entry* option allows the pharmacist to complete, create, edit, renew, and discontinue IV and Unit Dose orders, as well as put existing IV and Unit Dose orders on hold for any patient, while remaining in the IV module. The IV orders can also be put on call. This option expedites order entry since the pharmacist is not required to change modules to enter IV and Unit Dose orders.

When the user accesses the *Inpatient Order Entry* option for the first time within a session, a prompt is displayed to select the IV room in which to enter orders. When only one active IV room exists, the system will automatically select that IV room. The user is then given the label and report devices defined for the IV room chosen. If no devices have been defined, the user will be given the opportunity to choose them. If this option is exited and then re-entered within the same session, the current label and report devices are shown. The following example shows the option re-entered during the same session.

Example: Inpatient Order Entry

```
Select IV MENU Option: IOE Inpatient Order Entry
You are signed on under the BIRMINGHAM ISC IV ROOM
Current IV LABEL device is: NT TELNET TERMINAL
Current IV REPORT device is: NT TELNET TERMINAL
Select PATIENT: PSJPATIENT1,ONE
```

At the “Select PATIENT:” prompt, the user can enter the patient’s name or enter the first letter of the patient’s last name and the last four digits of the patient’s social security number (e.g., P0001). The Patient Information Screen is displayed:

Example: Patient Information

Patient Information	Sep 12, 2000 10:36:38	Page: 1 of 1
PSJPATIENT1,ONE	Ward: 1 EAST	
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)
Sex: MALE		Admitted: 05/03/00
Dx: TESTING	Last transferred: *****	
Allergies/Reactions: No Allergy Assessment		
Remote:		
Adverse Reactions:		
Inpatient Narrative: INP NARR...		
Outpatient Narrative:		
Enter ?? for more actions		
PU Patient Record Update	NO New Order Entry	
DA Detailed Allergy/ADR List	IN Intervention Menu	
VP View Profile		
Select Action: View Profile//		

The pharmacist can now enter a Patient Action at the “Select Action: View Profile//” prompt in the Action Area of the screen.

4.2.3. Patient Actions

The Patient Actions are the actions available in the Action Area of the List Manager Screen. These actions pertain to the patient information and include editing, viewing, and new order entry.

4.2.3.1. Patient Record Update

The Patient Record Update action allows editing of the Inpatient Narrative and the Patient's Default Stop Date and Time for Unit Dose Order entry.

Example: Patient Record Update

Patient Information	Sep 12, 2000 14:39:07	Page: 1 of 1
PSJPATIENT1,ONE	Ward: 1 EAST	
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)
Sex: MALE		Admitted: 05/03/00
Dx: TESTING	Last transferred: *****	

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative: INP NARR ...
Outpatient Narrative:

Enter ?? for more actions

PU Patient Record Update	NO New Order Entry
DA Detailed Allergy/ADR List	IN Intervention Menu
VP View Profile	

Select Action: View Profile// **PU**
INPATIENT NARRATIVE: INP NARR...// **Narrative for Patient PSJPATIENT1**
UD DEFAULT STOP DATE/TIME: SEP 21,2000@24:00//

The “INPATIENT NARRATIVE: INP NARR...//” prompt allows the pharmacist to enter information in a free text format, up to 250 characters.

The “UD DEFAULT STOP DATE/TIME:” prompt accepts the date and time entry to be used as the default value for the STOP DATE/TIME of the Unit Dose orders during order entry and renewal processes. This value is used only if the corresponding ward parameter is enabled. The order entry and renewal processes will sometimes change this date and time.



Note: If the Unit Dose order, being finished by the pharmacist, is received from CPRS and has a duration assigned, the UD DEFAULT STOP DATE/TIME is displayed as the Calc Stop Date/Time.

When the SAME STOP DATE ON ALL ORDERS parameter is set to Yes, the module will assign the same default stop date for each patient. This date is initially set when the first order is entered for the patient, and can change when an order for the patient is renewed. This date is shown as the default value for the stop date of each of the orders entered for the patient.



Note: If this parameter is not enabled, the user can still edit a patient's default stop date. Unless the parameter is enabled, the default stop date will not be seen or used by the module.

Examples of Valid Dates and Times:

- JAN 20 1957 or 20 JAN 57 or 1/20/57 or 012057
- T (for TODAY), T+1 (for TOMORROW), T+2, T+7, etc.
- T-1 (for YESTERDAY), T-3W (for 3 WEEKS AGO), etc.
- If the year is omitted, the computer uses CURRENT YEAR. Two-digit year assumes no more than 20 years in the future, or 80 years in the past.
- If only the time is entered, the current date is assumed.
- Follow the date with a time, such as JAN 20@10, T@10AM, 10:30, etc.
- The pharmacist may enter a time, such as NOON, MIDNIGHT, or NOW.
- The pharmacist may enter NOW+3' (for current date and time Plus 3 minutes *Note--the Apostrophe following the number of minutes)
- Time is REQUIRED in this response.

4.2.3.2. New Order Entry

The New Order Entry action, from the *Inpatient Order Entry* option, allows the pharmacist to enter new Unit Dose and IV orders for the patient. Only one user is able to enter new orders on a selected patient due to the patient lock within the VistA applications. This minimizes the chance of duplicate orders.

For IV order entry, the pharmacist must bypass the “Select DRUG:” prompt (by pressing <Enter>) and then choosing the IV Type at the “Select IV TYPE:” prompt. The following are the prompts that the pharmacist can expect to encounter while entering a new IV order for the patient.

- **“Select IV TYPE:”**

These types include admixture, piggyback, hyperal, syringe, or chemotherapy. An admixture is a Large Volume Parenteral (LVP) solution intended for continuous parenteral infusion. A piggyback is a small volume parenteral solution used for intermittent infusion.

Hyperalimentation (hyperal) is long-term feeding of a protein-carbohydrate solution. A syringe type order is a type of IV that uses a syringe rather than a bottle or a bag. Chemotherapy is the treatment and prevention of cancer with chemical agents.

- **“Select ADDITIVE:”**

There can be any number of additives for an order, including zero. An additive or additive synonym can be entered. If the Information Resources Management Service (IRMS) Chief/Site Manager or Application Coordinator has defined it in the IV ADDITIVES file, the pharmacist may enter a quick code for an additive. The quick code allows the user to pre-define certain fields, thus speeding up the order entry process. The **entire** quick code name must be entered to receive all pre-defined fields in the order.

4.2.3.3. Detailed Allergy/ADR List

The Detailed Allergy/ADR List action displays a detailed listing of the selected item from the patient's Allergy/ADR List. Entry to the *Edit Allergy/ADR Data* option is provided with this list also.

- **Enter/Edit Allergy/ADR Data**
Provides access to the Adverse Reaction Tracking (ART) package to allow entry and/or edit of allergy adverse reaction data for the patient. See the Allergy package documentation for more information on Allergy/ADR processing.
- **Select Allergy**
Allows the user to view a specific allergy.

4.2.3.4. Intervention Menu



This option is only available to those users who hold the PSJ RPHARM key.

The Intervention Menu action allows entry of new interventions and edit, delete, view, or printing of an existing intervention. Each kind of intervention will be discussed and an example will follow.

- **New:** This option is used to add an entry into the APSP INTERVENTION file.

Example: New Intervention

```

Patient Information          Sep 22, 2000 08:03:07          Page: 1 of 1
PSJPATIENT2,TWO           Ward: 1 West
PID: 000-00-0002           Room-Bed: A-6           Ht(cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)        Wt(kg): 85.00 (04/21/99)
Sex: MALE                  Admitted: 09/16/99
Dx: TEST PATIENT          Last transferred: *****
Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                        CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---
NE Enter Pharmacy Intervention     DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention

Select Item(s): NE Enter Pharmacy Intervention
Select APSP INTERVENTION INTERVENTION DATE: T SEP 22, 2000
Are you adding 'SEP 22, 2000' as a new APSP INTERVENTION (the 155TH)? No// Y
(Yes)
APSP INTERVENTION PATIENT: PSJPATIENT2,TWO 02-22-42 00000002 N
SC VETERAN
APSP INTERVENTION DRUG: WAR
1 WARFARIN 10MG BL100 TAB
2 WARFARIN 10MG U/D BL100 TAB **AUTO STOP 2D**
3 WARFARIN 2.5MG BL100 TAB
4 WARFARIN 2.5MG U/D BL100 TAB **AUTO STOP 2D**
5 WARFARIN 2MG BL100TAB
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1 WARFARIN 10MG BL100 TAB
PROVIDER: PSJPROVIDER,ONE PROV
INSTITUTED BY: PHARMACY// <Enter> PHARMACY
INTERVENTION: ALLERGY
RECOMMENDATION: NO CHANGE
WAS PROVIDER CONTACTED: N NO
RECOMMENDATION ACCEPTED: Y YES
REASON FOR INTERVENTION:
1>
ACTION TAKEN:
1>
CLINICAL IMPACT:
1>
FINANCIAL IMPACT:
1>

```

Edit: This option is used to edit an existing entry in the APSP INTERVENTION file.

Example: Edit an Intervention

```
Patient Information      Sep 22, 2000 08:03:07      Page: 1 of 1
PSJPATIENT2,TWO      Ward: 1 West      <A>
  PID: 000-00-0002      Room-Bed: A-6      Ht (cm): 167.64 (04/21/99)
  DOB: 02/22/42 (58)      Wt (kg): 85.00 (04/21/99)
  Sex: MALE      Admitted: 09/16/99
  Dx: TEST PATIENT      Last transferred: *****

Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                   CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
              FLUPHENAZINE DECANOATE

Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

Enter ?? for more actions

PU Patient Record Update      NO New Order Entry
DA Detailed Allergy/ADR List    IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention    DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): ED Edit Pharmacy Intervention
Select INTERVENTION: TSEP 22, 2000      PSJPATIENT2,TWO      WARFARIN 10MG
INTERVENTION DATE: SEP 22,2000// <Enter>
PATIENT: PSJPATIENT2,TWO// <Enter>
PROVIDER: PSJPROVIDER,ONE // <Enter>
PHARMACIST: PSJPHARMACIST,ONE // <Enter>
DRUG: WARFARIN 10MG// <Enter>
INSTITUTED BY: PHARMACY// <Enter>
INTERVENTION: ALLERGY// <Enter>
OTHER FOR INTERVENTION:
  1>
RECOMMENDATION: NO CHANGE// <Enter>
OTHER FOR RECOMMENDATION:
  1>
WAS PROVIDER CONTACTED: NO// <Enter>
PROVIDER CONTACTED:
RECOMMENDATION ACCEPTED: YES// <Enter>
AGREE WITH PROVIDER: <Enter>
REASON FOR INTERVENTION:
  1>
ACTION TAKEN:
  1>
CLINICAL IMPACT:
  1>
FINANCIAL IMPACT:
  1>
```

- **Delete:** This option is used to delete an entry from the APSP INTERVENTION file. The pharmacist may only delete an entry that was entered on the same day.

Example: Delete an Intervention

```

Patient Information          Sep 22, 2000 08:03:07          Page: 1 of 1
PSJPATIENT2,TWO           Ward: 1 West          <A>
PID: 000-00-0002          Room-Bed: A-6        Ht(cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)        Wt(kg): 85.00 (04/21/99)
Sex: MALE                  Admitted: 09/16/99
Dx: TEST PATIENT          Last transferred: *****

Allergies - Verified: CARAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                      CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                      FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update          NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---
NE Enter Pharmacy Intervention      DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention       VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): DEL Delete Pharmacy Intervention
You may only delete entries entered on the current day.

Select APSP INTERVENTION INTERVENTION DATE: T SEP 22, 2000          PSJPATIENT2,TWO
WARFARIN 10MG
SURE YOU WANT TO DELETE THE ENTIRE ENTRY? YES

```


View: This option is used to display Pharmacy Interventions in a captioned format.

Example: View an Intervention

```
Patient Information      Sep 22, 2000 08:03:07      Page: 1 of 1
PSJPATIENT2,TWO      Ward: 1 West      <A>
  PID: 000-00-0002      Room-Bed: A-6      Ht (cm): 167.64 (04/21/99)
  DOB: 02/22/42 (58)      Wt (kg): 85.00 (04/21/99)
  Sex: MALE      Admitted: 09/16/99
  Dx: TEST PATIENT      Last transferred: *****

Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                   CHOCOLATE, NUTS, STRAWBERRIES, DUST
  Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                   FLUPHENAZINE DECANOATE
  Remote:
  Adverse Reactions:
  Inpatient Narrative: Inpatient narrative
  Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
  like waiting at the pickup window. He gets very angry.

Enter ?? for more actions
PU Patient Record Update      NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention      DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention      VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): VW View Pharmacy Intervention
Select APSP INTERVENTION INTERVENTION DATE: T SEP 22, 2000      PSJPATIENT2,TWO
WARFARIN 10MG
ANOTHER ONE: <Enter>
INTERVENTION DATE: SEP 22, 2000      PATIENT: PSJPATIENT2,TWO
PROVIDER: PSJPROVIDER,ONE      PHARMACIST: PSJPHARMACIST,ONE
DRUG: WARFARIN 10MG      INSTITUTED BY: PHARMACY
INTERVENTION: ALLERGY      RECOMMENDATION: NO CHANGE
WAS PROVIDER CONTACTED: NO      RECOMMENDATION ACCEPTED: YES
```

- **Print:** This option is used to obtain a captioned printout of Pharmacy Interventions for a certain date range. It will print out on normal width paper and can be queued to print at a later time.

Example: Print an Intervention

```

Patient Information          Sep 22, 2000 08:03:07          Page: 1 of 1
PSJPATIENT2,TWO           Ward: 1 West
PID: 000-00-0002           Room-Bed: A-6           Ht (cm): 167.64 (04/21/99)
DOB: 02/22/42 (58)         Wt (kg): 85.00 (04/21/99)
Sex: MALE                   Admitted: 09/16/99
Dx: TEST PATIENT           Last transferred: *****

```

```

Allergies - Verified: CAMEL, CN900, LOMEFLOXACIN, PENTAMIDINE, PENTAZOCINE,
                    CHOCOLATE, NUTS, STRAWBERRIES, DUST
Non-Verified: AMOXICILLIN, AMPICILLIN, TAPE, FISH,
                    FLUPHENAZINE DECANOATE
Remote:
Adverse Reactions:
Inpatient Narrative: Inpatient narrative
Outpatient Narrative: This is the Outpatient Narrative. This patient doesn't
like waiting at the pickup window. He gets very angry.

```

```

Enter ?? for more actions
PU Patient Record Update           NO New Order Entry
DA Detailed Allergy/ADR List       IN Intervention Menu
VP View Profile
Select Action: View Profile// IN Intervention Menu

--- Pharmacy Intervention Menu ---

NE Enter Pharmacy Intervention      DEL Delete Pharmacy Intervention
ED Edit Pharmacy Intervention       VW View Pharmacy Intervention
PRT Print Pharmacy Intervention
Select Item(s): PRT Print Pharmacy Intervention
* Previous selection: INTERVENTION DATE equals 7/2/96
START WITH INTERVENTION DATE: FIRST// T (SEP 22, 2000)
GO TO INTERVENTION DATE: LAST// T (SEP 22, 2000)
DEVICE: <Enter> NT/Cache virtual TELNET terminal      Right Margin: 80//
PHARMACY INTERVENTION LISTING      SEP 22,2000 09:20 PAGE 1

```

```

INTERVENTION: ALLERGY

INTERVENTION DATE: SEP 22,2000      PATIENT: PSJPATIENT2,TWO
PROVIDER: PSJPROVIDER,ONE           PHARMACIST: PSJPHARMACIST,ONE
DRUG: WARFARIN 10MG                 INSTITUTED BY: PHARMACY
RECOMMENDATION: NO CHANGE
WAS PROVIDER CONTACTED: NO          RECOMMENDATION ACCEPTED: YES
PROVIDER CONTACTED:

-----
SUBTOTAL                             1
SUBCOUNT                            1
-----
TOTAL                                 1
COUNT                               1

```

Example: Active Complex Order in Profile View

Inpatient Order Entry		Mar 07, 2004@15:00:05	Page: 1 of 1
PSJPATIENT1,ONE		Ward: 1 EAST	
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)	
DOB: 08/18/20 (81)		Wt (kg) : _____ (_____)	
Sex: MALE		Admitted: 03/03/04	
Dx: TESTING		Last transferred: *****	

- - - - - A C T I V E - - - - -

1	CAPTOPRIL TAB	C 03/26 03/27 A
	Give: 25MG PO QDAILY	
2	CAPTOPRIL TAB	C 03/28 03/29 A
	Give: 50MG PO BID	
3	CAPTOPRIL TAB	C 03/30 03/31 A
	Give: 100MG PO TID	

Enter ?? for more actions

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

Select Action: Next Screen//

4.2.3.6. Patient Information

The Patient Information screen is displayed for the selected patient. The header contains the patient's demographic data, while the list area contains Allergy/Adverse Reaction data, and Pharmacy Narratives. If an outpatient is selected, all future appointments in clinics that allow Inpatient Medications orders will display in the list area, too.

Example: Patient Information

Patient Information		Sep 13, 2000 15:04:31	Page: 1 of 1
PSJPATIENT1,ONE		Ward: 1 EAST	
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) : _____ (_____)	
DOB: 08/18/20 (80)		Wt (kg) : _____ (_____)	
Sex: MALE		Admitted: 05/03/00	
Dx: TESTING		Last transferred: *****	

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative: Narrative for Patient PSJPATIENT1
Outpatient Narrative:

Enter ?? for more actions

PU Patient Record Update	NO New Order Entry
DA Detailed Allergy/ADR List	IN Intervention Menu

VP View Profile
Select Action: View Profile//

Example: Patient Information Screen for Outpatient Receiving Inpatient Medications

```

Patient Information          May 12, 2003 14:27:13          Page: 1 of 1
PSJPATIENT3,THREE        Last Ward: 1 West
  PID: 000-00-0003        Last Room-Bed:          Ht (cm) : _____ (_____)
  DOB: 02/01/55 (48)          Wt (kg) : _____ (_____)
  Sex: FEMALE                Last Admitted: 01/13/98
  Dx: TESTING                Discharged: 01/13/98

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative:
Outpatient Narrative:

Clinic:                    Date/Time of Appointment:
Clinic A                    May 23, 2003/9:00 am
Flu Time Clinic              June 6, 2003/10:00 am
      Enter ?? for more actions

PU Patient Record Update    NO New Order Entry
DA Detailed Allergy/ADR List  IN Intervention Menu
VP View Profile
Select Action: View Profile//
  
```

4.2.3.7. Select Order

The Select Order action is used to take action on a previously entered order by selecting it from the profile, after the patient is selected and length of profile is chosen (i.e., short or long).

Example: Select an Order

```

Inpatient Order Entry      Mar 07, 2002@13:01:56          Page: 1 of 1
PSJPATIENT1,ONE          Ward: 1 EAST
  PID: 000-00-0001        Room-Bed: B-12          Ht (cm) : _____ (_____)
  DOB: 08/18/20 (81)          Wt (kg) : _____ (_____)
  Sex: MALE                Admitted: 05/03/00
  Dx: TESTING                Last transferred: *****

- - - - - A C T I V E - - - - -
1  in 0.9% SODIUM CHLORIDE 1000 ML 125 ml/hrC 03/07 03/07  E
2  in 5% DEXTROSE 50 ML 125 ml/hr          C 03/06 03/06  E
3  CEPHAPIRIN 1 GM                C 03/04 03/09  A
   in DEXTROSE 5% IN N. SALINE 100 ML QID
4  ASPIRIN CAP,ORAL                O 03/07 03/07  E
   Give: 650MG PO NOW

- - - - - P E N D I N G - - - - -
5  in DEXTROSE 10% 1000 ML 125 ml/hr      ? ***** *****  P

      Enter ?? for more actions

PI Patient Information      SO Select Order
PU Patient Record Update    NO New Order Entry
Select Action: Quit// 1
  
```

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

The detailed view of the order presents all available data pertaining to the order. This includes patient identification and location, status of the order, additive(s) with strength, solution(s), infusion rate, medication route, the schedule, administration times, remarks, and other print information. Other information includes type of order, IV room, start and stop date and time, entry date and time (when order was entered into the system), last fill (date and time when last label was printed), and quantity (the number of labels printed). The entry by field of the user placing the order, provider, provider comments, and the number of cumulative doses is also included.

After the detailed view is displayed, the user may select the activity log, label log, or both for the order. The activity log provides a trace of every action taken on an order since the original entry. The activity log contains a log number, the date and time of the activity, the reason of activity (i.e., edit, renew, place on call, or discontinue an order), and the user entering the activity. The reason for activity comment allows the user to explain why the activity was necessary. Also, the system will display the field(s) that was affected, the original data contained in that field, and what it was changed to as a result of the activity.

The label log contains a log number, date/time the label is printed, action on the order, user, number of labels printed, track (possible entries are individual, scheduled, suspended, order action labels, or other), and count (which indicates whether the label was counted for that particular day).

Example: Profile Report

```

Select IV Menu Option: Profile (IV)
Select PATIENT: PSJPATIENT1,ONE 000-00-0001 08/18/20 1 EAST
-----
Patient Information Mar 20, 2001@16:50:50 Page: 1 of 1
PSJPATIENT1,ONE Ward: 1 EAST
PID: 000-00-0001 Room-Bed: B-12 Ht (cm) : _____ ( _____ )
DOB: 08/18/20 (80) Wt (kg) : _____ ( _____ )
Sex: MALE Admitted: 05/03/00
Dx: TESTING Last transferred: *****
-----
Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative:
Outpatient Narrative:

Enter ?? for more actions
PU Patient Record Update NO New Order Entry
DA Detailed Allergy/ADR List IN Intervention Menu
Select Action: View Profile// <Enter> View Profile

SHORT, LONG, or NO Profile? SHORT// <Enter> SHORT
-----report continues-----

```

Example: Profile Report (continued)

IV Profile		Mar 20, 2001@16:51:28		Page: 1 of 1		
PSJPATIENT1,ONE		Ward: 1 EAST				
PID: 000-00-0001		Room-Bed: B-12		Ht (cm) : ()		
DOB: 08/18/20 (80)				Wt (kg) : ()		
Sex: MALE				Admitted: 05/03/00		
Dx: TESTING				Last transferred: *****		
#	Additive	Last fill	Type	Start	Stop	Stat
1	MVI 100 ML in 0.9% SODIUM CHLORIDE 1000 ML	MAR 19 14:57 Q8H P e n d i n g	#2 P	03/19	03/20	A
2	FLUOROURACIL INJ,SOLN Give: 100MG/2ML PO QDAILY	** N/P **	#0	*****	*****	P
3	TIMOLOL SOLN,OPH Give: IV Q12H	** N/P **	#0 P	*****	*****	P

Enter ?? for more actions

PI Patient Information	SO Select Order
PU Patient Record Update	NO (New Order Entry)
Select Action: Quit// 1	

ACTIVE IV		Mar 20, 2001@16:51:56		Page: 1 of 2	
PSJPATIENT1,ONE		Ward: 1 EAST			
PID: 000-00-0001		Room-Bed: B-12		Ht (cm) : ()	
DOB: 08/18/20 (80)				Wt (kg) : ()	
* (1) Additives:		Order number: 64		Type: PIGGYBACK	
MVI 10 ML					
(2) Solutions:					
0.9% SODIUM CHLORIDE 1000 ML					
Duration:		* (4)		Start: 03/19/01 11:30	
(3) Infusion Rate: INFUSE OVER 8 HOURS.					
* (5) Med Route: IVPB				* (6) Stop: 03/20/01 24:00	
* (7) Schedule: QID				Last Fill: 03/19/01 14:57	
(8) Admin Times: 09-13-17-21				Quantity: 2	
* (9) Provider: PSJPROVIDER,ONE [es]				Cum. Doses: 9	
* (10) Orderable Item: MULTIVITAMINS INJ					
Instructions:					
(11) Other Print: TESTING					

+ Select either "AL" , "LL" or "AL,LL" for both

AL View Activity Log	LL View Label Log
Select Item(s): Next Screen// AL View Activity Log	

ACTIVITY LOG:

#	DATE	TIME	REASON	USER
1	MAR 20,2001	16:42:56	EDIT	PSJPHARMACIST,ONE
Comment:				
Field: 'OTHER PRINT INFO'				
Changed from: ''				
To: 'TESTING'				

Enter RETURN to continue or '^' to exit:

4.3 Order Checks

Order checks (allergy/adverse drug reactions, drug-drug interactions, duplicate drug, and duplicate class) are performed when a new medication order is placed through either the Inpatient Medications or CPRS applications. They are also performed when medication orders are renewed or during the finishing processes. This functionality will ensure the user is alerted to possible adverse drug reactions and will reduce the possibility of a medication error due to the omission of an order check when a non-active medication order is renewed.



Note: The check for remote data availability is performed when entering a patient's chart, rather than on each order.

The following actions will initiate an order check:

- Action taken through Inpatient Medications to enter a medication order will initiate order checks (allergy, drug-drug interaction, duplicate drug, and duplicate class) against existing medication orders.
- Action taken through Inpatient Medications to finish a medication order placed through CPRS will initiate order checks (allergy, drug-drug interaction, duplicate drug, and duplicate class) against existing medication orders.
- Action taken through IV Menu to finish a medication order placed through CPRS will initiate order checks (allergy, drug-drug interaction, duplicate drug, and duplicate class) against existing medication orders.
- Action taken through Inpatient Medications to renew a medication order will initiate order checks (allergy, drug-drug interaction, duplicate drug, and duplicate class) against existing medication orders.
- Action taken through IV Menu to renew a medication order will initiate order checks (allergy, drug-drug interaction, duplicate drug, and duplicate class) against existing medication orders.

The following are the different items used for the order checks:

- Checks each Dispense Drug within the Unit Dose order for allergy/adverse drug reactions.
- Checks each Dispense Drug within the Unit Dose order against existing orders for drug-drug interaction, duplicate drug, and duplicate class.
- Checks each additive within an IV order for drug-drug interaction, duplicate drug, and duplicate class against solutions or other additives within the order.
- Checks each IV order solution for allergy/adverse reactions.
- Checks each IV order solution for drug-drug interaction against other solutions or additives within the order.
- Checks each IV order additive for allergy/adverse reaction.
- Checks each IV order additive for drug-drug interaction, duplicate drug, and duplicate class against existing orders for the patient.
- Checks each IV order solution for drug-drug interaction against existing orders for the patient.

Override capabilities are provided based on the severity of the order check, if appropriate.

Order Checks warnings will be displayed/processed in the following order:

- Duplicate drug or class
- Critical or significant drug-drug interactions
- Critical or significant drug-allergy interactions

These checks will be performed at the Dispense Drug level. Order checks for IV orders will use the Dispense Drugs linked to each additive/solution in the order. All pending, non-verified, active and renewed Inpatient orders, active Outpatient orders and active Non-Veterans Affairs (VA) Meds documented in CPRS will be included in the check. In addition, with the release of OR*3*238, order checks will be available using data from the Health Data Repository Historical (HDR-Hx) and the Health Data Repository Interim Messaging Solution (HDR-IMS). This will contain both Outpatient orders from other VAMCs as well as from Department of Defense (DoD) facilities, if available. Any remote Outpatient order that has been expired for 30 days or less will be included in the list of medications to be checked.

There is a slight difference in the display of local Outpatient orders compared with remote Outpatient orders. Below are examples of the two displays:

Example: Local Outpatient Order Display

```
The patient has the following Outpatient order(s):
-----
Rx #: 40074          PHENYTOIN 100MG (Extended) CAP
Status: Active      Issued: 07/11/05
SIG: TAKE ONE CAPSULE BY MOUTH TWICE A DAY
QTY: 60             # of refills: 11
Provider: PSOPROVIDER,ONE  Refills remaining: 11
                               Last filled on: 07/11/05
                               Days Supply: 30
-----
```

Example: Remote Outpatient Order Display

```
DAYTON Rx #: 2663878          WARFARIN NA 10MG TAB
Status: ACTIVE      Issued: 07/11/05
SIG: TAKE ONE-HALF TABLET BY MOUTH BEFORE BREAKFAST --TO
      THIN BLOOD--
QTY: 4
Provider: PSOPROVIDER,TWO  Refills remaining: 0
                               Last filled on: 07/11/05
                               Days Supply: 1
-----
```

In the Remote Outpatient Order Display example above, notice the name of the remote location has been added. In addition, the number of refills is not available.

If the order is entered by Orderable Item only, these checks will be performed at the time the Dispense Drug(s) are specified. The checks performed include:

- **Duplicate Drug** - If the patient is already receiving orders containing the Dispense Drug selected for the new order, these duplicate orders are displayed. Inpatient duplicate orders of this kind are displayed in a numbered list. The user is first asked whether or not to continue the current order. If the user selects to continue the order then the user is prompted with which, if any, numbered Inpatient duplicate orders to discontinue. The user may enter a range of numbers from the numbered list of duplicate orders or bypass the prompt by selecting <Enter> and continue with the order. Entry of duplicate drug orders will be allowed. Only Additives are included in the duplicate drug check for IV orders. The solutions are excluded from this check.
- **Duplicate Class** - If the patient is already receiving orders containing a Dispense Drug in the same class as one of the Dispense Drugs in the new order, the orders containing the drug in that class are displayed. Inpatient duplicate orders of this kind are displayed in a numbered list. The user is first asked whether or not to continue the current order. If the user selects to continue the order then the user is prompted with which, if any, numbered Inpatient duplicate orders to discontinue. The user may enter a range of numbers from the numbered list of duplicate orders or bypass the prompt by selecting <Enter> and continue with the order. Entry of orders with duplicate drugs of the same class will be allowed.
- **Drug-Drug Interactions** - Drug-drug interactions will be either critical or significant. If the Dispense Drug selected is identified as having an interaction with one of the drugs the patient is already receiving, the order the new drug interacts with will be displayed.
- **Drug-Allergy Interactions** - Drug-allergy interactions will be either critical or significant. If the Dispense Drug selected is identified as having an interaction with one of the patient's allergies, the allergy the drug interacts with will be displayed.



Note: For a Significant Interaction, the pharmacist is allowed to enter an intervention, but one is not required. For a Critical Interaction, the pharmacist must enter an intervention before continuing.

4.3.1 Outpatient Duplicate Orders

Outpatient duplicate order check results display together on the first screen before all other order check information. These results are displayed for informational purposes only. The header for Outpatient duplicate orders reads as follows:

The patient has the following Outpatient order(s):

4.3.2 Inpatient Duplicate Orders

Duplicate drug and duplicate drug class Inpatient orders display together in a numbered sequence. The user selects from the numbered sequence the order(s) to be discontinued, if any. The header for Inpatient duplicate orders reads as follows:

```
This patient is already receiving the following INPATIENT order(s) for
the same drug or in the same drug class as WARFARIN SOD. 50MG COMB.
PACK.:
```

After the user has discontinued an order, if any duplicate Inpatient orders remain, they are displayed again in a numbered list. The following header is displayed:

```
Now, this patient is already receiving the following INPATIENT order(s)
for the same drug or in the same drug class as WARFARIN SOD. 50MG COMB.
PACK.:
```

This cycle repeats until no more duplicate Inpatient orders exist, or until the user indicates there are no more duplicate Inpatient orders they wish to discontinue.

Example: Duplicate Order Entry Screen

```
Unit Dose Order Entry          Jun 27, 2006@16:08:46          Page: 1 of 1
PSJPATIENT,ONE                Ward: 7B
PID: 666-666-1234             Room-Bed:                    Ht (cm) : _____ (_____)
DOB: --/--/70 (35)           Wt (kg) : _____ (_____)
Sex: MALE                     Admitted: 03/08/06
Dx: SICK                      Last transferred: *****
-----
Select DRUG: warf
Lookup: DRUG  GENERIC NAME
1  WARFARIN 2MG TABS          BL110
2  WARFARIN SOD. 50MG COMB.PACK.    BL110
3  WARFARIN SODIUM 5MG S.T.        BL110
CHOOSE 1-3: 2  WARFARIN SOD. 50MG COMB.PACK.    BL110

The patient has the following Outpatient order(s):
-----
Rx #: 300410                ASPIRIN BUFFERED 325MG TAB
Status: Active              Issued: 06/08/06
SIG: TAKE TWO TABLETS BY MOUTH AFTER MEALS TAKE THESE
```

AFTER YOU GET HOME
QTY: 100 # of refills: 0
Provider: PSOPROVIDER,ONE Refills remaining: 0
Last filled on: 06/08/06
Days Supply: 90

This patient is receiving the following medication that has an interaction with WARFARIN SOD. 50MG COMB.PACK.:

ASPIRIN TAB,EC C 06/19 07/03 A
Give: 324MG PO Q4H

This patient is already receiving the following INPATIENT order(s) for the same drug or in the same drug class as WARFARIN SOD. 50MG COMB.PACK.:

1. WARFARIN TAB C 06/27 07/03 A
Give: 2MG PO Q6H PSJProvider, One
2. WARFARIN TAB C 06/27 07/03 A
Give: 2MG PO Q2H PSJProvider, Two

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

Do you wish to DISCONTINUE any of the listed orders? NO// Y

Choose for DISCONTINUE 1-2: 1

NATURE OF ORDER: (TBD)// <cr>

REQUESTING PROVIDER: PSJProvider, One P10

Now, this patient is already receiving the following INPATIENT order(s) for the same drug or drug class as WARFARIN SOD. 50MG COMB.PACK.:

1. WARFARIN TAB C 06/27 07/03 A
Give: 2MG PO Q2H PSJProvider, Two

Do you wish to DISCONTINUE any of the listed orders? NO// <cr> NO

There is a CRITICAL interaction, you must enter an intervention log to continue
Do you wish to log an intervention? NO// yes YES

Now creating Pharmacy Intervention

PROVIDER: PSJPROVIDER,ONE BIRMINGHAM ALABAMA RR SYSTEMS ANALYST
RECOMMENDATION: no change

4.3.3. Discontinuing Duplicate Inpatient Orders

When duplicate Inpatient orders are found, the following prompt is presented after each display (or redisplay) of a numbered list:

```
Do you wish to DISCONTINUE any of the listed orders? NO//
```

Note: If the user selects the default of NO, the order process continues.

If the user enters YES to the DISCONTINUE prompt, the following prompt is presented to allow selecting orders:

```
Choose for DISCONTINUE 1-N:
```

Note: N represents the highest numbered duplicate order in the numbered list.

4.3.3.1. Exiting the Order Process

When duplicate Inpatient orders have been found, the following prompt is displayed after the first numbered list of duplicate Inpatient orders:

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

Note: The wording of this existing prompt has been slightly modified. Also, the current default of NO has been changed to YES.

Each time a user chooses to discontinue an Inpatient duplicate order(s), a prompt is presented to enter a value for NATURE OF ORDER. This value applies to all orders just selected to be discontinued.

Also, each time a user chooses to discontinue an Inpatient duplicate order(s), a prompt is presented to enter a value for Requesting PROVIDER. This value applies to all orders just selected to be discontinued

Example: Entering Returns and Destroyed Medications

Select IV Menu Option: **RET**urns and Destroyed Entry (IV)
 Select PATIENT: **PSJPATIENT1,ONE** 000-00-0001 08/18/20 1 EAST

Patient Information Feb 20, 2002@15:58:02 Page: 1 of 1
 PSJPATIENT1,ONE Ward: 1 EAST
 PID: 000-00-0001 Room-Bed: B-12 Ht (cm) : _____ (_____)
 DOB: 08/18/20 (80) Wt (kg) : _____ (_____)
 Sex: MALE Admitted: 05/03/00
 Dx: TESTING Last transferred: *****
 Allergies/Reactions: No Allergy Assessment
 Remote:
 Adverse Reactions:
 Inpatient Narrative:
 Outpatient Narrative:

Enter ?? for more actions
 PU Patient Record Update NO New Order Entry
 DA Detailed Allergy/ADR List IN Intervention Menu
 VP View Profile
 Select Action: View Profile// <Enter> View Profile
 SHORT, LONG, or NO Profile? SHORT// <Enter> SHORT

IV Profile Feb 20, 2002@15:58 50 Page: 1 of 1
 PSJPATIENT1,ONE Ward: 1 EAST
 PID: 000-00-0001 Room-Bed: B-12 Ht (cm) : _____ (_____)
 DOB: 08/18/20 (81) Wt (kg) : _____ (_____)
 Sex: MALE Admitted: 09/10/01
 Dx: TESTING Last transferred: *****

#	Additive	Last fill	Type	Start	Stop	Stat
1	POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ in DEXTROSE 5% 1/2 NS 1000 ML 80 ml/ hr	FEB 20 15:55	#1 A	02/20	02/20	A

Enter ?? for more actions
 PI Patient Information SO Select Order
 PU Patient Record Update NO (New Order Entry)
 Select Action: Quit// 1

 Patient: PSJPATIENT1,ONE Status: ACTIVE

* (1) Additives: Order number: 445 Type: ADMIXTURE
 POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ

* (2) Solutions:
 DEXTROSE 5% 1/2 NS 1000 ML
 Duration: * (4) Start: 02/20/02 15:46

* (3) Infusion Rate: 80 ml/hr
 * (5) Med Route: IV * (6) Stop: 02/20/02 24:00

BCMA ORDER LAST ACTION: 02/20/02 15:50 Infusing*

* (7) Schedule: Last Fill: 02/20/02 15:55
 (8) Admin Times: Quantity: 1
 * (9) Provider: PSJPROVIDER,ONE [es] Cum. Doses: 1
 (10) Other Print:

(11) Remarks :
 Entry By: PSJPROVIDER,ONE Entry Date: 02/20/02 15:55

Enter RETURN to continue or '^' to exit:

Example: Entering Returns and Destroyed Medications (continued)

```

Return IV Labels          Feb 20, 2002@16:06:39          Page: 1 of 0
-----
PSJPATIENT1,ONE          Ward: 1 EAST
PID: 000-00-0001         Room-Bed: B-12          Ht (cm): ( )
DOB: 08/18/20 (81)      Wt (kg): ( )

POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ   C 02/20 02/20 A
in DEXTROSE 5% 1/2 NS 1000 ML 80 ml/hr

-----
Labels available for reprint
1. 739V445  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
            2[3]
2. 739V446  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
            3[3]
3. 739V447  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr

+      Enter ?? for more actions
RC  Recycled          DT  Destroyed          CA  Cancelled
Select Item(s): Next Screen// RC  Recycled

Select from 1 - 3 or <RETURN> to select by BCMA ID: 1
    
```

```

Return IV Labels          Feb 20, 2002@16:07:46          Page: 1 of 0
-----
PSJPATIENT1,ONE          Ward: 1 EAST
PID: 000-00-0001         Room-Bed: B-12          Ht (cm): ( )
DOB: 08/18/20 (81)      Wt (kg): ( )

POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ   C 02/20 02/20 A
in DEXTROSE 5% 1/2 NS 1000 ML 80 ml/hr

-----
Labels available for reprint
1. 739V446  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
            3[3]
2. 739V447  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
            1[3]

Enter ?? for more actions
RC  Recycled          DT  Destroyed          CA  Cancelled
Select Item(s): Quit// DT  Destroyed

Select from 1 - 2 or <RETURN> to select by BCMA ID: <Enter>
Enter a BCMA ID: 739V446
    
```

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

Example: IV Individual Labels (continued)

```

Patient Information      Feb 20, 2002@16:02:15      Page: 1 of 1
-----
PSJPATIENT1,ONE      Ward: 1 EAST
PID: 000-00-0001      Room-Bed: B-12      Ht (cm) : _____ (_____)
DOB: 08/18/20 (80)      Wt (kg) : _____ (_____)
Sex: MALE      Admitted: 09/10/01
Dx: TESTING      Last transferred: *****

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative:
Outpatient Narrative:
    
```

```

Enter ?? for more actions
PU Patient Record Update      NO New Order Entry
DA Detailed Allergy/ADR List      IN Intervention Menu
VP View Profile
Select Action: View Profile// <Enter> View Profile

SHORT, LONG, or NO Profile? SHORT// <Enter> SHORT
    
```

```

IV Profile      Feb 20, 2002@16:02 45      Page: 1 of 1
-----
PSJPATIENT1,ONE      Ward: 1 EAST
PID: 000-00-0001      Room-Bed: B-12      Ht (cm) : _____ (_____)
DOB: 08/18/20 (81)      Wt (kg) : _____ (_____)
Sex: MALE      Admitted: 09/10/01
Dx: TESTING      Last transferred: *****

#      Additive      Last fill      Type      Start      Stop      Stat
-----
1      POTASSIUM CHLORIDE      FEB 20 15:55 #1      A      02/20      02/20      A
      XXXXXXXXXXXX 35 MEQ
      in DEXTROSE 5% 1/2 NS 1000 ML 80 ml/
      hr
    
```

```

Enter ?? for more actions
PI Patient Information      SO Select Order
PU Patient Record Update      NO (New Order Entry)
Select Action: Quit// 1

-----
Patient: PSJPATIENT1,ONE      Status: ACTIVE

* (1) Additives:      Order number: 445      Type: ADMIXTURE
      POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
* (2) Solutions:
      DEXTROSE 5% 1/2 NS 1000 ML
      Duration:      * (4)      Start: 02/20/02 15:46
* (3) Infusion Rate: 80 ml/hr
* (5) Med Route: IV      * (6)      Stop: 02/20/02 24:00
BCMA ORDER LAST ACTION: 02/20/02 15:50 Infusing*
* (7) Schedule:      Last Fill: 02/20/02 15:55
      Admin Times:      Quantity: 1
* (9) Provider: PSJPROVIDER,ONE [es]      Cum. Doses: 1
      (10) Other Print:

      (11) Remarks :
      Entry By: PSJPROVIDER,ONE      Entry Date: 02/20/02 15:55

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

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

Example: IV Individual Labels (continued)

```
Individual IV Labels      Feb 20, 2002@16:03:54      Page: 1 of 0
-----
PSJPATIENT1,ONE          Ward: 1 EAST
PID: 000-00-0001         Room-Bed: B-12           Ht (cm) : ( )
DOB: 08/18/20 (81)      Wt (kg) : _____ ( )

POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ   C 02/20 02/20  A
in DEXTROSE 5% 1/2 NS 1000 ML 80 ml/hr

-----
Labels available for reprint
```

```
Enter ?? for more actions
NL  Print New Labels          RL  Reprint IV Labels
Select Item(s): Quit// NL  Print New Labels

Number of labels to print: 3
Count as daily usage? Yes// <Enter>
```

```
Individual IV Labels      Feb 20, 2002@16:05:01      Page: 1 of 0
-----
PSJPATIENT1,ONE          Ward: 1 EAST
PID: 000-00-0001         Room-Bed: B-12           Ht (cm) : ( )
DOB: 08/18/20 (81)      Wt (kg) : _____ ( )

POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ   C 02/20 02/20  A
in DEXTROSE 5% 1/2 NS 1000 ML 80 ml/hr

-----
Labels available for reprint
1. 739V444  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
            1[3]
2. 739V445  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
            2[3]
3. 739V446  POTASSIUM CHLORIDE XXXXXXXXXXXX 35 MEQ
            DEXTROSE 5% 1/2 NS 1000 ML
            80 ml/hr
```

```
+ Enter ?? for more actions
NL  Print New Labels          RL  Reprint IV Labels
Select Item(s): Next Screen// RL  Reprint IV Labels

Count as daily usage? Yes// <Enter> (Yes)

Select from 1 - 3 or <RETURN> to select by BCMA ID: 1
```


Example: Delete IV Labels from Suspend (continued)

```

Patient Name PSJPATIENT1,ONE (1 EAST)
Order Number Order Suspended
-----
64 4 labels MAR 19,2001 11:30:49
    MVI 10 ML
    0.9% SODIUM CHLORIDE 1000 ML
    INFUSE OVER 8 HOURS.
    QDAILY (09)

65 20 labels MAR 19,2001 11:31:21
    POTASSIUM CHLORIDE 40 MEQ
    0.9% SODIUM CHLORIDE 1000 ML
    100 ml/hr

Select Order Number: 64
Deleted.

Select SUSPense Functions (IV) Option:
  
```

8.2.3.2. Individual Order Suspension (IV) [PSJI INDIVIDUAL SUSPENSE]

The *Individual Order Suspension (IV)* option allows the user to suspend labels for a specific active order. The user can only suspend ten labels at a time.

These labels will then be available for the IV room to release for doses due within the present coverage interval or for the next coverage interval if the Ward List for that batch has already been run.

Example: IV Individual Order Suspension

```

Select SUSPense Functions (IV) Option: Individual Order Suspension (IV)

Select PATIENT: PSJPATIENT1,ONE 000-00-0001 08/18/20 1 EAST

Patient Information Mar 19, 2001@14:55:29 Page: 1 of 1
PSJPATIENT1,ONE Ward: 1 EAST
PID: 000-00-0001 Room-Bed: B-12 Ht (cm) : _____ ( _____ )
DOB: 08/18/20 (80) Wt (kg) : _____ ( _____ )
Sex: MALE Admitted: 05/03/00
Dx: TESTING Last transferred: *****

Allergies/Reactions: No Allergy Assessment
Remote:
Adverse Reactions:
Inpatient Narrative:
Outpatient Narrative:

Enter ?? for more actions
PU Patient Record Update NO New Order Entry
DA Detailed Allergy/ADR List IN Intervention Menu
VP View Profile
Select Action: View Profile// <Enter> View Profile
SHORT, LONG, or NO Profile? SHORT// <Enter> SHORT

-----report continues-----
  
```

Example: IV Individual Order Suspension (continued)

IV Profile	Mar 19, 2001@14:55:57	Page:	1 of 1
PSJPATIENT1,ONE	Ward: 1 EAST		
PID: 000-00-0001	Room-Bed: B-12	Ht (cm) :	()
DOB: 08/18/20 (80)		Wt (kg) :	()
Sex: MALE		Admitted:	05/03/00
Dx: TESTING		Last transferred:	*****

#	Additive	Last fill	Type	Start	Stop	Stat
1	POTASSIUM CHLORIDE 40 MEQ in 0.9% SODIUM CHLORIDE 1000 ML 100 ml/hr	MAR 19 12:06	#2 A	03/19	03/26	A
2	MVI 10 ML in 0.9% SODIUM CHLORIDE 1000 ML	MAR 19 12:06	#4 P	03/19	03/20	A
3	FLUOROURACIL INJ,SOLN Give: 100MG/2ML PO QDAILY	** N/P **	#0	*****	*****	P R
4	TIMOLOL SOLN,OPH Give: OU Q12H	** N/P **	#0 P	*****	*****	P

Enter ?? for more actions

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


Number of labels to suspend: **2** 2 Labels suspended !

8.2.3.3. Labels from Suspense (IV)
[PSJI SUSLBLS]

The *Labels from Suspense (IV)* option prints all labels that have been suspended since the last print of labels from suspense. Once labels have been printed, they are erased from this file and may not be printed again using this option. Use the *Reprint Labels from Suspense (IV)* option if the labels need to be reprinted.

Example: Printing IV Labels from Suspense

Select SUSPense Functions (IV) Option: **LA**Labels from Suspense (IV)



389V128

[3] 9678 7A SURG 03/19/02
 PSJPATIENT9,NINE 724-A

CEFTRIAXONE 10 GM
 KCL 20MEQ/D5/NACL 0.9% 1000 ML
 KCL 20MEQ/D5/NACL {2}
 In Syringe: 10

Dose due at: 01/12/02 0924
 FOR I.M. IJECTION
 START NOW
 ONCE
 Fld by: _____ Chkd by: _____
 1[1]

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