



INPATIENT MEDICATIONS

NURSE'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	iv, 74a-74d 5, 12, 16-17, 26, 34-38, 41-42, 72-73	PSJ*5*175 PSJ*5*160	Modified outpatient header text for display of duplicate orders. Added new functionality to Duplicate Drug and Duplicate Class definitions. 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. REDACTED
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
12/2005	1, 73-74b	PSJ*5*146	Remote Data Interoperability (RDI) Project: Removed document revision dates in Section 1. Introduction. Updated Section 4.9. Order Checks, to include new functionality for remote order checking. REDACTED
01/2005	All	PSJ*5*111	Reissued entire document to include updates for Inpatient Medications Orders for Outpatients and Non-Standard Schedules. REDACTED

(This page intended for two-sided copying)

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3. List Manager

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

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

Screen Title → Patient Information Sep 15, 2000 11:32:08 **CWAD* Indicator** → 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: *****

List Area (scrolling region) → 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 for PSJPATIENT2

Outpatient Narrative: This patient doesn't like waiting at the pickupwindow. He gets very angry.

Message Window → -----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//

Action Area →

* 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 is displayed as “Allergies/Reactions: No Allergy Assessment”. 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 (i.e., 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. Order Options

The *Unit Dose Medications* option is used to access the order entry, patient profiles, and various reports, and is the main starting point for the Unit Dose system.

Example: Unit Dose Menu

```
Select Unit Dose Medications Option: ?

      Align Labels (Unit Dose)
      Discontinue All of a Patient's Orders
EUP   Edit Inpatient User Parameters
ESD   Edit Patient's Default Stop Date
      Hold All of a Patient's Orders
IOE   Inpatient Order Entry
IPF   Inpatient Profile
      INquiries Menu ...
      Label Print/Reprint
      Non-Verified/Pending Orders
      Order Entry
      Patient Profile (Unit Dose)
      Pick List Menu ...
      Reports Menu ...
      Supervisor's Menu ...
```

Within the Inpatient Medications package there are three different paths the nurse can take to enter a new order or take action on an existing order. They are (1) *Order Entry*, (2) *Non-Verified/Pending Orders* and (3) *Inpatient Order Entry*. Each of these paths differs by the prompts that are presented. Once the nurse has reached the point of entering a new order or selecting an existing order, the process becomes the same for each path.



Note: When the selected order type (non-verified or pending) does not exist (for that patient) while the user is in the *Non-Verified/Pending Orders* option, the user cannot enter a new order or take action on an existing order for that patient.

Patient locks and order locks are incorporated within the Inpatient Medications package. When a user (User 1) selects a patient through any of the three paths, *Order Entry*, *Non-Verified/Pending Orders*, or *Inpatient Order Entry*, and this patient has already been selected by another user (User 2), the user (User 1) will see a message that another user (User 2) is processing orders for this patient. This will be a lock at the patient level within the Pharmacy packages. When the other user (User 2) is entering a new order for the patient, the user (User 1) will not be able to access the patient due to a patient lock within the VistA packages. A lock at the order level is issued when an order is selected through Inpatient Medications for any action other than new order entry. Any users attempting to access this patient's order will receive a message that another user is working on this order. This order-level lock is within the VistA packages.

The three different paths for entering a new order or taking an action on an existing order are summarized in the following sections.

4.1. Order Entry

[PSJU NE]

The *Order Entry* option allows the nurse to create, edit, renew, hold, and discontinue Unit Dose orders while remaining in the Unit Dose Medications module.

The *Order Entry* option functions almost identically to the *Inpatient Order Entry* option, but does not include IV orders on the profile and only Unit Dose orders may be entered or processed.

After selecting the *Order Entry* option from the *Unit Dose Medications* option, the nurse will be prompted to select the patient. 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 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 nurse can now enter a Patient Action at the “Select Action: View Profile//” prompt in the Action Area of the screen.


Example: Short Profile

```
Non-Verified/Pending Orders   Mar 24, 2002@21:02:14   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  ->POTASSIUM CHLORIDE 40 MEQ           C 03/22 03/29  A
    in DEXTROSE 5% 1000 ML 150 ml/hr
----- P E N D I N G -----
2  PENICILLIN INJ                       ? ***** ***** P
    Give: 5000000UNT/1VIL IV Q8H


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

The nurse can enter a Patient Action at the “Select Action: Quit//” prompt in the Action Area of the screen or choose a specific order or orders.

 When the nurse holds the PSJ RNURSE key, it will be possible to take any available actions on selected Unit Dose or IV orders and verify non-verified orders.

The following keys may be assigned if the user already holds the PSJ RNURSE key:

 PSJ RNFINISH key will allow the nurse to finish Unit Dose orders.

 PSJI RNFINISH key will allow the nurse to finish IV orders.

4.3 Inpatient Order Entry

[PSJ OE]

The *Inpatient Order Entry* option, if assigned, allows the nurse 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 nurse can now enter a Patient Action at the “Select Action: View Profile//” prompt in the Action Area of the screen.

4.4 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.

4.4.1. 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 nurse 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 nurse, 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 nurse may enter a time, such as NOON, MIDNIGHT, or NOW.
- The nurse may enter NOW+3' (for current date and time plus 3 minutes--the apostrophe following the number indicates minutes).
- Time is REQUIRED in this response.

4.4.2. New Order Entry

Unit Dose

The New Order Entry action allows the nurse to enter new Unit Dose and IV orders for the patient depending upon the order option selected (*Order Entry, Non-Verified Pending Orders, or Inpatient Order Entry*). 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 Unit Dose order entry, a response must be entered at the "Select DRUG:" prompt. The nurse can select a particular drug or enter a pre-defined order set.

Depending on the entry in the "Order Entry Process:" prompt in the *Inpatient User Parameters Edit* option, the nurse will enter a regular or abbreviated order entry process. The abbreviated order entry process requires entry into fewer fields than regular order entry. Beside each of the prompts listed below, in parentheses, will be the word regular, for regular order entry and/or abbreviated, for abbreviated order entry.

- "Select DRUG:" (Regular and Abbreviated)

Nurses select Unit Dose medications directly from the DRUG file. The Orderable Item for the selected drug will automatically be added to the order, and all Dispense Drugs entered for the order must be linked to that Orderable Item. If the Orderable Item is edited, data in the DOSAGE ORDERED field and the DISPENSE DRUG field will be deleted. If multiple Dispense Drugs are needed in an order, they may be entered by selecting the DISPENSE DRUG field from the edit list before accepting the new order. After each Dispense Drug is selected, it will be checked against the patient's current medications for duplicate drug or class, and drug-drug/drug-allergy interactions. (See Section 4.9 Order Checks for more information.)

- **“NATURE OF ORDER:”** (Regular and Abbreviated)

This is the method the provider used to communicate the order to the user who entered or took action on the order. Nature of Order is defined in CPRS. Written will be the default for new orders entered. When a new order is created due to an edit, the default will be Service Correction. The following table shows some Nature of Order examples.

Nature of Order	Description	Prompted for Signature in CPRS	Chart Copy Printed?
Written	The source of the order is a written doctor's order	No	No
Verbal	A doctor verbally requested the order	Yes	Yes
Telephoned	A doctor telephoned the service to request the order	Yes	Yes
Service Correction	The service is discontinuing or adding new orders to carry out the intent of an order already received	No	No
Duplicate	This applies to orders that are discontinued because they are a duplicate of another order	No	Yes
Policy	These are orders that are created as a matter of hospital policy	No	Yes

The Nature of Order abbreviation will display on the order next to the Provider's Name. The abbreviations will be in lowercase and enclosed in brackets. Written will display as [w], telephoned as [p], verbal as [v], policy as [i], electronically entered as [e], and service correction as [s]. If the order is electronically signed through the CPRS package AND the CPRS patch OR*3*141 is installed on the user's system, then [es] will appear next to the Provider's Name instead of the Nature of Order abbreviation.

Example: New Order Entry (continued)

```
Orderable Item: MULTIVITAMINS INJ
Give: IV QID

754
[29]0001 1 EAST 02/28/02
PSJPATIENT1,ONE B-12

MULTIVITAMINS 2 ML
0.9% SODIUM CHLORIDE 100 ML

INFUSE OVER 125 MIN.
QID
09-13-17-21
Fld by:_____ Chkd by:_____
1[1]

Start date: FEB 28,2002 13:56 Stop date: MAR 30,2002 24:00

Is this O.K.: YES//<Enter> YES
NATURE OF ORDER: WRITTEN// <Enter> W
...transcribing this non-verified order...

NON-VERIFIED IV Feb 28, 2002@13 56:44 Page: 1 of 2
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: *****

*(1) Additives: Type: PIGGYBACK
MULTIVITAMINS 2 ML
(2) Solutions:
0.9% SODIUM CHLORIDE 100 ML
Duration: (4) Start: 02/28/02 13:56
(3) Infusion Rate: INFUSE OVER 125 MIN.
*(5) Med Route: IV (6) Stop: 03/30/02 24:00
*(7) Schedule: QID Last Fill: *****
(8) Admin Times: 09-13-17-21 Quantity: 0
*(9) Provider: PSJPROVIDER,ONE [w] Cum. Doses:
*(10) Orderable Item: MULTIVITAMINS INJ
Instructions:
(11) Other Print:
+ Enter ?? for more actions
DC Discontinue RN (Renew) VF Verify
HD (Hold) OC (On Call)
ED Edit AL Activity Logs

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

4.4.3. 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.

4.4.4. 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
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: AMOXICILIN, AMPICILIN, 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>
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: 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): 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 nurse 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
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: 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): 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           RECOMMENDATION ACCEPTED: YES
WAS PROVIDER CONTACTED: NO
PROVIDER CONTACTED:

SUBTOTAL                             -----
SUBCOUNT                            1
TOTAL                                 -----
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 Give: 25MG PO QDAILY	C 03/26 03/27	A
2	CAPTOPRIL TAB Give: 50MG PO BID	C 03/28 03/29	A
3	CAPTOPRIL TAB Give: 100MG PO TID	C 03/30 03/31	A
Enter ?? for more actions			
PI	Patient Information	SO	Select Order
PU	Patient Record Update	NO	New Order Entry
Select Action: Next Screen//			

4.4.6. 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, including remote 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//
  
```

4.4.7. 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 (i.e., short or long).

Example: Selecting 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-----

Example: Inpatient Profile

```
Select Unit Dose Medications Option: IPF Inpatient Profile
Select by WARD GROUP (G), WARD (W), or PATIENT (P): Patient <Enter>

Select PATIENT: PSJPATIENT1,ONE          000-00-0001   08/18/20   1 EAST
Select another PATIENT: <Enter>
SHORT, LONG, or NO Profile? SHORT// <Enter> SHORT
Show PROFILE only, EXPANDED VIEWS only, or BOTH: PROFILE// BOTH
Show SHORT, LONG, or NO activity log? NO// SHORT
Select PRINT DEVICE: 0;80 NT/Cache virtual TELNET terminal
```

```

                I N P A T I E N T   M E D I C A T I O N S           09/21/00  12:33
                SAMPLE HEALTHCARE SYSTEM
-----
                Ward: 1 EAST
PSJPATIENT1,ONE
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
Allergies:
ADR:
-----
                A C T I V E
1  -> AMPICILLIN CAP           C 09/07 09/21 A
    Give: 500MG PO QID
-----
                N O N - V E R I F I E D
2  DOXEPIN CAP,ORAL           ? ***** ***** N
    Give: 100MG PO Q24H

Patient: PSJPATIENT1,ONE           Status: ACTIVE
Orderable Item: AMPICILLIN CAP
Instructions:
Dosage Ordered: 500MG
Duration:           Start: 09/07/00  15:00
Med Route: ORAL (PO)           Stop: 09/21/00  24:00
Schedule Type: CONTINUOUS
Schedule: QID
Admin Times: 01-09-15-20
Provider: PSJPROVIDER,ONE [es]

Dispense Drugs           U/D   Units  Units  Inactive
                        U/D   Disp'd  Ret'd  Date
-----
AMPICILLIN 500MG CAP           1     0     0
ORDER NOT VERIFIED
Entry By: PSJPROVIDER,ONE           Entry Date: 09/07/00  13:37
Enter RETURN to continue or '^' to exit:
Date: 09/07/00  14:07   User: PSJPHARMACIST,ONE
Activity: ORDER VERIFIED BY PHARMACIST
-----
```

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

Example: Inpatient Profile (continued)

Patient: PSJPATIENT1,ONE	Status: NON-VERIFIED			
Orderable Item: DOXEPIN CAP,ORAL				
Instructions:				
Dosage Ordered: 100MG				
Duration:	Start: 09/20/00 09:00			
Med Route: ORAL (PO)	Stop: 10/04/00 24:00			
Schedule Type: NOT FOUND				
Schedule: Q24H				
(No Admin Times)				
Provider: PSJPROVIDER,ONE [es]				
Special Instructions: special for DOXEPIN				
Dispense Drugs	U/D	Units Disp'd	Units Ret'd	Inactive Date
DOXEPIN 100MG U/D	1	0	0	
DOXEPIN 25MG U/D	1	0	0	
ORDER NOT VERIFIED				
Self Med: NO				
Entry By: PSJPROVIDER,ONE				Entry Date: 09/19/00 09:55

4.9. 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 the Orderable Item only, these checks will be performed at the time the Dispense Drug(s) is 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 user who holds the PSJ RPHARM key is allowed to enter an intervention, but one is not required. For a Critical Interaction, the user who holds the PSJ RPHARM key must enter an intervention before continuing.

4.9.1. 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) :
```

4.9.2. 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 there are no more duplicate Inpatient orders 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 A
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

-----screen continues on next page-----

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
```

4.9.3. 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.

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 of those 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 of those orders just selected to be discontinued.