



# PHARMACY DATA MANAGEMENT

## USER MANUAL

Version 1.0  
September 1997

(Revised December 2011)



# Revision History

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

Date	Revised Pages	Patch Number	Description
12/11	i, ii, iii, 38-40b, 62d-64d	PSS*1*159	Updated screens Updated the Edit Orderable Items option for the default medication route Due to data being moved, pages 62e and 62f have been removed (N. Goyal, PM; C. Bernier Tech Writer)
08/11	i-iii, 101- 101b, 102	PSS*1*163	Updated the Schedule/Reschedule Check PEPS Interface section <ul style="list-style-type: none"> <li>Updated overview of Schedule/Reschedule Check PEPS Interface</li> <li>Updated the Schedule/Reschedule Check PEPS Interface example</li> <li>Added a warning regarding the DEVICE FOR QUEUED JOB OUTPUT field</li> <li>Added a blank page for two-sided copying</li> </ul> (G. Tucker, PM; G. Scorca, Technical Writer)
04/11	i-iii, 3-4b, 7-16b, 44d-j, 114, 118, 121, 129, 137, 204-206	PSS*1*155	Utilized three new fields that were added to the VA PRODUCT file (#50.68) with PSN*4*261. The fields are used during the Match/Rematch process of the <i>Drug Enter/Edit</i> [PSS DRUG ENTER/EDIT] and the <i>Enter/Edit Dosages</i> [PSS EDIT DOSAGES] options to determine whether possible dosages should be auto-created for supra-therapeutic drugs. Retired the <i>Auto Create Dosages</i> [PSS DOSAGE CONVERSION] option and removed the option from the <i>Dosages</i> [PSS DOSAGES MANAGEMENT] menu. Updated Index. (N. Goyal, PM; E. Phelps/C. Bernier Tech Writers)
04/11	i, ii, iii, added iv, v; changed 3, 4, 45, 46; added 46a-46d, re-numbered all sections starting on page 87 and ending with page 106; changed page. 89; added 90e and 90f; changed 99-106; added 106a-b; deleted 107-112; changed 151, 153, 154; added 154a-b; updated index;	PSS*1*136 & PSS*1*117	Besides the developer’s changes, this document incorporates the comments from Lina Bertuzis and colleagues for the PRE functionality included with patch PSS*1*117 (a combined patch with PSS*1*136). Sections changed are: <ul style="list-style-type: none"> <li>Changed overview of menu item descriptions to match application</li> <li>Changed menu item description named <i>Drug Interaction Management</i> to <i>Order Check Management</i> and changed text</li> <li>Changed submenu item <i>Enter/Edit Local Drug Interaction</i> [PSS-INTERACTION-LOCAL-ADD] to <i>Request Changes to Enhanced Order Check Database</i>. [PSS ORDER CHECK CHANGES] and changed text.</li> <li>Changed example in <i>Report of Locally Entered</i></li> </ul>

Date	Revised Pages	Patch Number	Description
			<p><b>Interactions</b> option Section deleted:</p> <ul style="list-style-type: none"> <li>Deleted <b>Enhanced Order Checks Setup Menu</b> and all its sub-menu items (<i>Find Unmapped Local Medication Routes; Map Local Medication Route to Standard; Medication Route Mapping Report; Medication Route File Enter/Edit; Medication Route Mapping History Report; Request Change to Standard Medication Route; Find Unmapped Local Possible Dosages; Map Local Possible Dosages; Local Possible Dosages Report; Strength Mismatch Report; Enter/Edit Dosages; Request Change to Dose Unit; Mark PreMix Solutions; IV Solution Report; Administration Schedule File Report; Medication Instruction File Report</i>)</li> </ul> <p>The deleted Enhanced Order Checks Setup Menu and its submenus is replaced by the following addition:</p> <ul style="list-style-type: none"> <li>Added <b>PEPS Services</b> menu and its submenus: <i>Check Vendor Database Link; Check PEPS Services Setup; and Schedule/Reschedule PEPS Interface</i></li> </ul> <p>Added a heading for <b>Stand-Alone Menu Options</b> with the description for the <i>Enable/Disable Vendor Database Link</i> option and a short description for the <i>Other Language Translation Setup</i> option.</p> <p>Added definitions in the glossary for PECS and PEPS, and updated the index.</p> <p>Jim Pollard, Project Manager, Ron Ruzbacki, Bill Tatum, Developers; Marella Colyvas, Technical Writer</p>
04/11	i-ii, 38, 40, 62d-f, 64, 64a	PSS*1*153	<p>Renamed the MED ROUTE field (#.06) of the PHARMACY ORDERABLE ITEM file (#50.7) to be DEFAULT MED ROUTE. Provided the ability to print the POSSIBLE MED ROUTES multiple on the <i>Default Med Route For OI Report</i> [PSS DEF MED ROUTE OI RPT] option.</p> <p>(N. Goyal, PM; E. Phelps, Tech Writer)</p>
02/11	i, 63	PSS*1*142	<p>Added functionality to denote the default med route for IV orders in the selection list in CPRS if all of the orderable items on the order have the same default med route defined. Updated TOC.</p> <p>Released with CPRS version 28.</p> <p>(N. Goyal, PM; E. Phelps/C. Bernier Tech Writers)</p>
06/10	i, iii, 84, 84a-84b, 203, 205-206	PSS*1*143	<p>Added new Schedule Validation Requirements. Updated Index.</p> <p>(R. Singer, DM; B. Thomas, Tech. Writer)</p>
02/10	iii-iv, 3-4, 44a-d, 47-48, 61-62d, 89-90b, 112, 203-206	PSS*1*147	<p>Described new process for requesting changes to Standard Medication Routes and the New Term Rapid Turnaround (NTRT) process;</p> <p>Added <i>IV Additive/Solution Reports</i> menu, with suboptions <i>IV Solution Report</i> option and <i>V Additive Report</i> [PSS IV ADDITIVE REPORT] option</p> <p>Added <i>Default Med Route for OI Report</i> option to the <i>Medication Routes Management...</i> menu.(this change was made but not documented with PSS*1*140)</p> <p>Updated <i>Drug Enter/Edit</i> option to display NUMERIC DOSE and DOSE UNIT fields defined for Local Possible Dosage</p>

Date	Revised Pages	Patch Number	Description
			Updated the Drug Enter/Edit option display to include the new ADDITIVE FREQUENCY field Updated Table of Contents and Index J.Freese, DM; K. Lowry, Tech. Writer
10/09	i, 64a-b, 65, 65a-b, 66	PSS*1*141	Added ASSOCIATED IMMUNIZATION field to <i>Edit Orderable Items</i> option and <i>Dispense Drug/Orderable Item Maintenance</i> option. Reorganized content within sections to accommodate new information. (R. Singer, DM; D. Dertien/R. Silverman, Tech Writer)
08/09	iii-iv, 53, 62a-b, 63, 81, 203	PSS*1*140	Added DEFAULT MED ROUTE FOR CPRS field and <i>Default Med Route For OI Report</i> [PSS DEF MED ROUTE OI RPT] option for the enhancement of default medication route being defined for an orderable item. (G. Tucker, PM; S. B. Scudder, Tech. Writer)
07/09	27-34	PSS*1*131	Added explanations of DEA special handling code U for sensitive drug. (M. Anthony, PM; C. Liles, Tech. Writer)
05/09	81	PSS*1*137	Added Automate CPRS Refill field to the <i>Pharmacy System Parameters Edit</i> [PSS MGR] option. (G. Tucker, PM; S. B. Scudder, Tech. Writer)
02/09	All	PSS*1*129	Pages renumbered to accommodate added pages. Pharmacy Reengineering (PRE) V.0.5 Pre-Release. Restructured <i>Pharmacy Data Management</i> menu: - Grouped related options under the following new sub-menus: <i>Drug Text Management</i> , <i>Medication Instruction Management</i> , <i>Medication Routes Management</i> , and <i>Standard Schedule Management</i> - Added temporary <i>Enhanced Order Checks Setup Menu</i> - Added the following options: <i>Find Unmapped Local Medication Routes</i> , <i>Find Unmapped Local Possible Dosages</i> , <i>Map Local Medication Route to Standard</i> , <i>Map Local Possible Dosages</i> , <i>Mark PreMix Solutions</i> , <i>Request Change to Dose Unit</i> , and <i>Request Change to Standard Medication Route</i> - Added the following reports: <i>Administration Schedule File Report</i> , <i>IV Solution Report</i> , <i>Local Possible Dosages Report</i> , <i>Medication Instruction File Report</i> , <i>Medication Route Mapping Report</i> , <i>Medication Route Mapping History Report</i> , and <i>Strength Mismatch Report</i> - Updated Table of Contents, Index, and Glossary (G. Tucker, PM; V. Howell, Tech. Writer)
09/97			Original Release of User Manual

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### Example 3: Drug Enter/Edit Editing Local Possible Dosages and Orderable Item (continued)

```
Do you wish to match/rematch to NATIONAL DRUG file? No// <Enter> (No)

Just a reminder...you are editing TIMOLOL MALEATE 0.5% OPH SOLN.

LOCAL POSSIBLE DOSAGES:
  1 DROP                                PACKAGE: IO
  2 DROPS                                PACKAGE: IO

Do you want to edit Local Possible Dosages? N// YES

This drug has the following Local Possible Dosages:

  1 DROP                                PACKAGE: IO
  2 DROPS                                PACKAGE: IO

Do you want to merge new Local Possible Dosages? Y// NO

Strength: 0.5                            Unit: %

Select LOCAL POSSIBLE DOSAGE: 1 DROP    IO

LOCAL POSSIBLE DOSAGE: 1 DROP//<Enter>
OTHER LANGUAGE DOSAGE NAME: <Enter>
PACKAGE: Both// <Enter>
BCMA UNITS PER DOSE: <Enter>
DOSE UNIT: DROP(S)// <Enter>
NUMERIC DOSE: 1// <Enter>

Strength: 0.5                            Unit: %

Select LOCAL POSSIBLE DOSAGE: <Enter>

*****
This entry is marked for the following PHARMACY packages:
  Outpatient
  Unit Dose
  Non-VA Med

MARK THIS DRUG AND EDIT IT FOR:
O - Outpatient
U - Unit Dose
I - IV
W - Ward Stock
D - Drug Accountability
C - Controlled Substances
X - Non-VA Med
A - ALL

Enter your choice(s) separated by commas : O
                                           O - Outpatient
** You are NOW editing OUTPATIENT fields. **

AN Outpatient Pharmacy ITEM? Yes// <Enter> (Yes)
CORRESPONDING INPATIENT DRUG: <Enter>
MAXIMUM DOSE PER DAY: <Enter>
LOCAL NON-FORMULARY: <Enter>
NORMAL AMOUNT TO ORDER: <Enter>
SOURCE OF SUPPLY: 6P// <Enter>
CURRENT INVENTORY: <Enter>
ACTION PROFILE MESSAGE (OP): <Enter>
MESSAGE: <Enter>
QUANTITY DISPENSE MESSAGE: <Enter>
OP EXTERNAL DISPENSE: <Enter>

Do you wish to mark to transmit to CMOP?
Enter Yes or No: YES

This option allows you to choose entries from your drug file and helps you
review your NDF matches and mark individual entries to send to CMOP.
```

### Example 3: Drug Enter/Edit Editing Local Possible Dosages and Orderable Item (continued)

If you mark the entry to transmit to CMOP, it will replace your Dispense Unit with the VA Dispense Unit. In addition, you may overwrite the local drug name with the VA Print Name and the entry will remain uneditable.

```
Local Drug Generic Name: TIMOLOL MALEATE 0.5% OPH SOLN

ORDER UNIT: BT
DISPENSE UNITS/ORDER UNITS: 5
DISPENSE UNIT: ML
PRICE PER DISPENSE UNIT: 0.1780

VA Print Name: TIMOLOL MALEATE 0.5% OPH SOLN          VA Dispense Unit: ML
VA Drug Class: OP101                                CMOP ID: T0056

Do you wish to mark this drug to transmit to CMOP?
Enter Yes or No: YES
QUANTITY DISPENSE MESSAGE: DISP IN MLS

Do you wish to overwrite your local name?
Enter Yes or No: NO

Do you wish to mark/unmark as a LAB MONITOR or CLOZAPINE DRUG?
Enter Yes or No: NO

** You are NOW in the ORDERABLE ITEM matching for the dispense drug. **

TIMOLOL MALEATE 0.5% OPH SOLN is already matched to

TIMOLOL SOLN,OPH

Do you want to match to a different Orderable Item? NO// YES

Dosage Form -> SOLN,OPH

Match to another Orderable Item with same Dosage Form? NO//

Dosage Form -> SOLN,OPH
Dispense Drug -> TIMOLOL 0.5% OPTH SOL 10ML

Orderable Item Name: TIMOLOL//

Matching TIMOLOL 0.5% OPTH SOL 10ML
to
TIMOLOL SOLN,OPH

Is this OK? YES//
Match Complete!

Now editing Orderable Item:
TIMOLOL SOLN,OPH

FORMULARY STATUS:
Select OI-DRUG TEXT ENTRY:
INACTIVE DATE:
DAY (nD) or DOSE (nL) LIMIT:
DEFAULT MED ROUTE:

List of med routes associated with the dosage form of the orderable item:

RIGHT EYE
LEFT EYE
BOTH EYES

If you answer YES to the next prompt, the DEFAULT MED ROUTE (if populated)
```



**Example 3: Drug Enter/Edit Editing Local Possible Dosages and Orderable Item (continued)**

and this list (if populated) will be displayed as selectable med routes during medication ordering dialog. If you answer NO, the DEFAULT MED ROUTE (if populated) and POSSIBLE MED ROUTES list will be displayed instead.

```
USE DOSAGE FORM MED ROUTE LIST: NO//

POSSIBLE MED ROUTES: BOTH
  1  BOTH EARS          AU
  2  BOTH EYES          BOTH EYES
CHOOSE 1-2: 2  BOTH EYES          BOTH EYES

  Are you adding 'BOTH EYES' as a new POSSIBLE MED ROUTE? YES// YES

List of Possible Med Routes associated with the orderable item:

  BOTH EYES

POSSIBLE MED ROUTES:
SCHEDULE TYPE:
SCHEDULE:
PATIENT INSTRUCTIONS:
OTHER LANGUAGE INSTRUCTIONS:

Select SYNONYM:
```

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#### Example 4: Drug Enter/Edit Editing Non-VA Medications

```
Select DRUG GENERIC NAME: GINGER ROOT TAB/CAP
Are you adding 'GINGER ROOT' as a new DRUG (the 1756TH)? No// Y (Yes)
DRUG NUMBER: 112// <Enter>
DRUG VA CLASSIFICATION: <Enter>
DRUG FSN: <Enter>
DRUG NATIONAL DRUG CLASS: <Enter>
DRUG LOCAL NON-FORMULARY: N <Enter> N/F
DRUG INACTIVE DATE: <Enter>
DRUG MESSAGE: <Enter>
DRUG RESTRICTION: <Enter>
GENERIC NAME: GINGER ROOT TAB/CAP// ^DI
  1  DISPENSE UNIT
  2  DISPENSE UNITS PER ORDER UNIT
CHOOSE 1-2: 2  DISPENSE UNITS PER ORDER UNIT
DISPENSE UNITS PER ORDER UNIT: <Enter>
PRICE PER DISPENSE UNIT: 0.0000
DAW CODE: 0// <Enter> - NO PRODUCT SELECTION INDICATED

Do you wish to match/rematch to NATIONAL DRUG file? Yes// (Yes)

Deleting Possible Dosages...

Match local drug  GINGER ROOT
                                ORDER UNIT:
                                DISPENSE UNITS/ORDER UNITS: 2
                                DISPENSE UNIT:

No NDC to match...

    I will attempt to match the NDCs from your SYNONYMS.

No match by Synonym NDC... now first word

Match made with GINGER ROOT TAB/CAP
Now select VA Product Name

1 GINGER CAP/TAB  CAP/TAB  HA000  G0226

Enter your choice: 1
    Is this a match < Reply Y, N or press return to continue > : Y

CHOOSE FROM:
  1  60 BOTTLE
  2  OTHER OTHER
    Enter Package Size & Type Combination: 1

Local drug ginger root
matches  GINGER CAP/TAB
PACKAGE SIZE: OTHER
PACKAGE TYPE: OTHER

< Enter "Y" for yes >
< Enter "N" for no >                                OK? : Y

LOCAL DRUG NAME: GINGER ROOT TAB/CAP
                                ORDER UNIT:
                                DISPENSE UNITS/ORDER UNITS:
                                DISPENSE UNIT:

VA PRODUCT NAME: GINGER CAP/TAB
VA PRINT NAME: GINGER CAP/TAB                                CMOP ID: G0226

VA DISPENSE UNIT: CAP/TAB                                MARKABLE FOR CMOP: NO
    PACKAGE SIZE: BOTTLE
    PACKAGE TYPE: OTHER
VA CLASS: HA000  HERBS/ALTERNATIVE THERAPIES
INGREDIENTS:
```

#### Example 4: Drug Enter/Edit Editing Non-VA Medications (continued)

```
NATIONAL FORMULARY INDICATOR: NO
NATIONAL FORMULARY RESTRICTION:

< Enter "Y" for yes, "N" for no >

      Is this a match ? Y

You have just VERIFIED this match and MERGED the entry.

Resetting Possible Dosages..

Press Return to continue:
Just a reminder...you are editing GINGER ROOT TAB/CAP..

LOCAL POSSIBLE DOSAGES:

Do you want to edit Local Possible Dosages? N// <Enter> O

MARK THIS DRUG AND EDIT IT FOR:
O - Outpatient
U - Unit Dose
I - IV
W - Ward Stock
D - Drug Accountability
C - Controlled Substances
X - Non-VA Med
A - ALL
Enter your choice(s) separated by commas : X
                                     X - Non-VA Med
** You are NOW Marking/Unmarking for NON-VA MEDS. **

A Non-VA Med ITEM? No// Y (Yes)

** You are NOW in the ORDERABLE ITEM matching for the dispense drug. **

There are other Dispense Drugs with the same VA Generic Name and same Dose
Form already matched to orderable items. Choose a number to match, or enter
'^' to enter a new one.

      Disp. drug -> GINGER ROOT TAB/CAP

1 GINGER CAP/TAB

Choose number of Orderable Item to match, or '^' to enter a new one: 1

Matching GINGER ROOT TAB/CAP
to
GINGER CAP/TAB

Is this OK? YES// <Enter>
Match Complete!

      Now editing Orderable Item:
      GINGER CAP/TAB

FORMULARY STATUS: <Enter>
Select OI-DRUG TEXT ENTRY: <Enter>
INACTIVE DATE: <Enter>
DAY (nD) or DOSE (nL) LIMIT: <Enter>
DEFAULT MED ROUTE: <Enter>

List of med routes associated with the dosage form of the orderable item:

      NO MED ROUTE DEFINED

If you answer YES to the next prompt, the DEFAULT MED ROUTE (if populated)
```

Enter an up-arrow at the "FORMULARY STATUS" prompt to jump to the "Select SYNONYM" prompt.

**Example 4: Drug Enter/Edit Editing Non-VA Medications (continued)**

and this list (if populated) will be displayed as selectable med routes during medication ordering dialog. If you answer NO, the DEFAULT MED ROUTE (if populated) and POSSIBLE MED ROUTES list will be displayed instead.

USE DOSAGE FORM MED ROUTE LIST: YES// <Enter>

Select SYNONYM: <Enter>

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#### Example 4: Reactivated Standard Medication Route

Subj: Standard Medication Route File Update [#136380] 08/21/09@09:58 64 lines  
From: STANDARD MEDICATION ROUTE FILE PROCESSOR In 'IN' basket. Page 1 \*New\*

-----  
The following entries have been added to the Standard Medication Routes (#51.23) File:

(None)

The following entries have been inactivated in the Standard Medication Routes (#51.23) File:

(None)

The following entries have been reactivated in the Standard Medication Routes (#51.23) File:

INTRADUCTAL  
FDB Route: INTRADUCTAL

The following entries in the Medication Routes (#51.2) File have been mapped/remapped to a Standard Medication Route (#51.23) File entry.

(None)

PLEASE REVIEW, MAY REQUIRE YOUR ATTENTION!

The following entries in the Medication Routes (#51.2) File have been unmapped from a Standard Medication Route (#51.23) File entry.

(None)

The following entries in the Standard Medication Routes (#51.23) File have had changes to the associated First DataBank Med Route and/or Replacement Term.

INTRADUCTAL  
Replacement Term: <deleted>

The following entries in the Medication Routes (#51.2) File were to be mapped/remapped to a Standard Medication Route (#51.23) File entry, but could not occur because the Medication Route (#51.2) File entry was locked.

(None)

The following entries in the Medication Routes (#51.2) File were to be unmapped from a Standard Medication Route (#51.23) File entry, but could not occur because the Medication Route (#51.2) File entry was locked.

(None)

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

### 1.8.5 Default Med Route for OI Report [PSS DEF MED ROUTE OI RPT]

The *Default Med Route for OI Report* option is listed on the *Medication Routes Management* [PSS MEDICATION ROUTES MGMT] menu. This report can be used to help identify the current default medication routes for the orderable items. The following is an example of the report.

- Patch PSS\*1\*153 added the ability to include printing the POSSIBLE MED ROUTES multiple. If the DEFAULT MED ROUTE field is populated then that value will be returned as the default value. If the DEFAULT MED ROUTE field is not populated and the POSSIBLE MED ROUTES multiple is populated with a single entry and the USE DOSAGE FORM MED ROUTE LIST field is set to "NO," the single entry will be returned as the default value. If the DEFAULT MED ROUTE field is not populated and the POSSIBLE MED ROUTES multiple is populated with more than one entry and the USE DOSAGE FORM MED ROUTE LIST field is set to "NO," no value will be returned as the default value. The med routes selection list in CPRS will be populated with all the medication routes associated with the orderable item's dosage form if the USE DOSAGE FORM MED ROUTE LIST field is set to "YES," otherwise it will be populated from the POSSIBLE MED ROUTES multiple. These conditions are shown in the following table and examples are provided.

DEFAULT MED ROUTE FIELD POPULATED?	POSSIBLE MED ROUTES FIELD	USE DOSAGE FORM MED ROUTE LIST	VALUE RETURNED – MED ROUTES SELECTION IN CPRS
Y	N	N	DEFAULT MED ROUTE field value
N	Single Entry	N	Single Entry
N	More Than One Entry	N	All med routes listed in the Possible Med Routes multiple
N	N	Y	All medication routes associated with orderable item's dosage form

#### Example 1: Default Med Route for Orderable Item Report

DEFAULT MED ROUTE FOR ORDERABLE ITEM REPORT						JUN 17, 2009	PAGE 1
OI NAME	DOSAGE FORM	ASSOCIATED ROUTES	DEFAULT ROUTE	POSSIBLE MED ROUTES	DRUG		
IBERET	LIQUID	ORAL (BY MOUTH)			IBERET-500 ORAL		
IBUPROFEN	TAB	ORAL (BY MOUTH)			IBUPROFEN 600MG		
IDOXURIDINE	OINT,OPH	RIGHT EYE LEFT EYE BOTH EYES			IDOXURIDINE 0.5%		
IMIPRAMINE	TAB	ORAL (BY MOUTH)			IMIPRAMINE 25MG IMIPRAMINE 50MG		
INDOCYANINE	INJ, SOLN	INTRAMUSCULAR INTRAVENOUS	INTRAVENOUS		INDOCYANINE 25MG		
INSULIN	INJ	INTRAMUSCULAR INTRAVENOUS ORAL SUBCUTANEOUS	INTRAVENOUS		INSULIN LENTE INSULIN NPH		



## 1.9 Orderable Item Management [PSS ORDERABLE ITEM MANAGEMENT]

The *Orderable Item Management* sub-menu provides an option through which the Pharmacy Orderable Items are maintained.

### 1.9.1 Edit Orderable Items

#### [PSS EDIT ORDERABLE ITEMS]

The *Edit Orderable Items* [PSS EDIT ORDERABLE ITEMS] option allows the user to enter and edit data in the PHARMACY ORDERABLE ITEM file (#50.7). If a Pharmacy Orderable Item Drug Text Entry is identified at the "OI-DRUG-TEXT" prompt, it will be viewable during medication order entry processes through CPRS, Outpatient Pharmacy, and Inpatient Medications. Pharmacy Orderable Item defaults can be entered for selected fields. These defaults will be displayed to the user during the medication order entry processes for all applications through which medication orders can be entered.

The *Edit Orderable Items* [PSS EDIT ORDERABLE ITEMS] option allows the user to enter a default medication route and med route selection list.

The default medication route for CPRS will be derived from the DEFAULT MED ROUTE field (#.06) of the PHARMACY ORDERABLE ITEM file (#50.7) if it is populated or from the POSSIBLE MED ROUTES multiple (#50.711) of the PHARMACY ORDERABLE ITEM file (#50.7) if it is populated with a single entry and the USE DOSAGE FORM MED ROUTE LIST field (#10) is set to "NO."

Additional med routes for selection in the drop-down list in CPRS will be derived from the POSSIBLE MED ROUTES multiple (#50.711) if the USE DOSAGE FORM MED ROUTE LIST field (#10) is set to "NO." Otherwise, the med routes associated with the orderable item's dosage form, MED ROUTE FOR DOSAGE FORM multiple (#50.6061) of the DOSAGE FORM file (#50.606) will be returned.

The method of deriving the appropriate medication routes listed above will be for Inpatient Medications unit dose orders, IV Fluids orders, and Outpatient Pharmacy orders entered via CPRS orders dialog.

Additionally, a report is available to view all current default medication routes as well as all possible med routes for the listed orderable items. See the section entitled *Default Med Route For OI Report* [PSSDEF MED ROUTE OI RPT].

#### **Example 1: Edit Orderable Items with USE DOSAGE FORM MED ROUTE LIST set to "NO"**

```
Select Orderable Item Management Option: Edit Orderable Items
```

```
Select PHARMACY ORDERABLE ITEM NAME: INSULIN INJ
```

```
Orderable Item -> INSULIN
```

```
Dosage Form -> INJ
```

```
List all Drugs/Additives/Solutions tied to this Orderable Item? YES// Y YES
```

```
Orderable Item -> INSULIN
```

```
Dosage Form -> INJ
```

**Example 1: Edit Orderable Items with USE DOSAGE FORM MED ROUTE LIST set to “NO” (continued)**

Dispense Drugs:

-----

INSULIN REGULAR U-100 INJ

Are you sure you want to edit this Orderable Item? NO//Y YES

Now editing Orderable Item:

INSULIN INJ

Orderable Item Name: INSULIN//

This Orderable Item is Formulary.

This Orderable Item is marked as a Non-VA Med.

Select OI-DRUG TEXT ENTRY:

INACTIVE DATE:

DAY (nD) or DOSE (nL) LIMIT:

DEFAULT MED ROUTE: SUBCUTANEOUS//

List of med routes associated with the DOSAGE FORM of the orderable item:

INTRAVENOUS  
INTRAMUSCULAR

If you answer YES to the next prompt, the DEFAULT MED ROUTE (if populated) and this list (if populated) will be displayed as selectable med routes during medication ordering dialog. If you answer NO, the DEFAULT MED ROUTE (if populated) and POSSIBLE MED ROUTES list will be displayed instead.

USE DOSAGE FORM MED ROUTE LIST: N NO

List of Possible Med Routes associated with the orderable item:

INTRAVENOUS

Select POSSIBLE MED ROUTES: ORAL

- 1 ORAL PO
- 2 ORAL (BY MOUTH) PO
- 3 ORAL INHALATION ORALINHL
- 4 ORAL INTRADERMAL PERIOSTEAL ORALID PER
- 5 ORAL INTRAMUSCULAR ORALIM

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: 1 ORAL PO

The selected entry does not match any of the dosage form med routes.

Are you adding 'ORAL' as a new POSSIBLE MED ROUTE? NO// YES

Select POSSIBLE MED ROUTES:

SCHEDULE TYPE:

SCHEDULE:

PATIENT INSTRUCTIONS:

Select SYNONYM:

**Example 2: Edit Orderable Items with USE DOSAGE FORM MED ROUTE LIST set to “NO” and there are no Default Med Route nor Possible Med Routes**

```
Select PHARMACY ORDERABLE ITEM NAME:      INSULIN  INJ

      Orderable Item -> INSULIN
      Dosage Form    -> INJ

List all Drugs/Additives/Solutions tied to this Orderable Item? YES// NO

Are you sure you want to edit this Orderable Item? NO// YES

      Now editing Orderable Item:
      INSULIN  INJ
Orderable Item Name: INSULIN//

This Orderable Item is Formulary.

This Orderable Item is marked as a Non-VA Med.

Select OI-DRUG TEXT ENTRY:
INACTIVE DATE:
DAY (nD) or DOSE (nL) LIMIT:
DEFAULT MED ROUTE:

      List of med routes associated with the DOSAGE FORM of the orderable item:

      INTRAVENOUS
      INTRAMUSCULAR
      ORAL INTRAMUSCULAR

If you answer YES to the next prompt, the DEFAULT MED ROUTE (if populated)
and this list (if populated) will be displayed as selectable med routes
during medication ordering dialog. If you answer NO, the DEFAULT MED ROUTE
(if populated) and POSSIBLE MED ROUTES list will be displayed instead.

USE DOSAGE FORM MED ROUTE LIST: NO//

POSSIBLE MED ROUTES:
You have not selected ANY med routes to display during order entry. In
order to have med routes displayed during order entry, you must either
define a DEFAULT MED ROUTE and/or at least one POSSIBLE MED ROUTE, or
answer YES to the USE DOSAGE FORM MED ROUTE LIST prompt.

**WITH THE CURRENT SETTINGS, NO MED ROUTES WILL DISPLAY FOR SELECTION
DURING ORDER ENTRY FOR THIS ORDERABLE ITEM**

The current setting is usually only appropriate for supply items.
Continue with no med routes displaying for selection during order entry? NO// YES
S

SCHEDULE TYPE:
SCHEDULE:
PATIENT INSTRUCTIONS:
OTHER LANGUAGE INSTRUCTIONS:

Select SYNONYM:
```

### Example 3: Edit Orderable Items with USE DOSAGE FORM MED ROUTE LIST set to "YES"

```
Select PHARMACY ORDERABLE ITEM NAME:      INSULIN  INJ

      Orderable Item -> INSULIN
      Dosage Form    -> INJ
List all Drugs/Additives/Solutions tied to this Orderable Item? YES// Y  YES

      Orderable Item ->  INSULIN
      Dosage Form    ->  INJ

Dispense Drugs:
INSULIN REGULAR U-100 INJ

-----

Are you sure you want to edit this Orderable Item? NO//Y YES

      Now editing Orderable Item:
      INSULIN  INJ
Orderable Item Name: INSULIN//

This Orderable Item is Formulary.

This Orderable Item is marked as a Non-VA Med.

Select OI-DRUG TEXT ENTRY:
INACTIVE DATE:
DAY (nD) or DOSE (nL) LIMIT:
DEFAULT MED ROUTE: SUBCUTANEOUS//

List of med routes associated with the DOSAGE FORM of the orderable item:

      INTRAVENOUS
      INTRAMUSCULAR

If you answer YES to the next prompt, the DEFAULT MED ROUTE (if populated)
and this list (if populated) will be displayed as selectable med routes
during medication ordering dialog. If you answer NO, the DEFAULT MED ROUTE
(if populated) and POSSIBLE MED ROUTES list will be displayed instead.

USE DOSAGE FORM MED ROUTE LIST: Y  YES
SCHEDULE TYPE:
SCHEDULE:
PATIENT INSTRUCTIONS:
Select SYNONYM:
```

If the orderable item being edited is matched to any dispense drugs that are in VA drug classes IM100 through IM900, an additional prompt will appear to permit mapping for the orderable item to an associated immunization file entry. This feature is introduced with the Immunizations Documentation by BCMA application in patches PSS\*1\*141 and PSB\*3\*47.

### Example: Editing Immunization-Related Pharmacy Orderable Items

```
Select PHARMACY ORDERABLE ITEM NAME: INFLUENZA INFLUENZA INJ
```

```
Orderable Item -> INFLUENZA
Dosage Form     -> INJ
```

```
List all Drugs/Additives/Solutions tied to this Orderable Item? YES// <Enter>
```

```
Orderable Item -> INFLUENZA
Dosage Form     -> INJ
```

```
Dispense Drugs:
```

```
-----
INFLUENZA VACCINE
```

```
Are you sure you want to edit this Orderable Item? NO// YES
```

```
Now editing Orderable Item:
INFLUENZA INJ
Orderable Item Name: INFLUENZA// <Enter>
```

```
This Orderable Item is Formulary.
```

```
This Orderable Item is marked as a Non-VA Med.
```

```
Select OI-DRUG TEXT ENTRY: <Enter>
INACTIVE DATE: <Enter>
DAY (nD) or DOSE (nL) LIMIT: <Enter>
DEFAULT MED ROUTE: <Enter>
```

```
List of med routes associated with the dosage form of the orderable item:
```

```
INTRAVENOUS
INTRAMUSCULAR
```

```
If you answer YES to the next prompt, the DEFAULT MED ROUTE (if populated)
and this list (if populated) will be displayed as selectable med routes
during medication ordering dialog. If you answer NO, the DEFAULT MED ROUTE
(if populated) and POSSIBLE MED ROUTES list will be displayed instead.
```

```
USE DOSAGE FORM MED ROUTE LIST: NO// Y YES
SCHEDULE TYPE: <Enter>
SCHEDULE: <Enter>
PATIENT INSTRUCTIONS: <Enter>
```

```
ASSOCIATED IMMUNIZATION: INFLUENZA FLU,3 YRS INFLUENZA
```

```
Select SYNONYM: <Enter>
```

Note: The ASSOCIATED IMMUNIZATION field (#9) is only presented when at least one of the dispense drugs tied to the selected orderable item is in a VA Drug Class in the IM100 to IM900 range.

Immunizations are typically found in VA Drug Classes IM100, IM105, IM109, IM700 or IM900.

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