



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Pharmacy Data Management

(PDM)

User Manual

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1.0 Introduction

Pharmacy Data Management (PDM) provides tools for managing Pharmacy data. It includes tools for creating Pharmacy Orderable Items and maintaining files necessary for the IHS Electronic Health Record (EHR). PDM consolidates tools for managing the various Pharmacy software products. It provides Pharmacy Supervisors, in one location, the capability to enter and edit data from the local DRUG file (#50) for all Pharmacy related packages. PDM now allows users to enter medication instruction components (e.g., dosage, noun, verb, expansion) in a language other than English. However, at this time, the Patient Medication Information Sheets only allow patient data to be in English or Spanish.

The PDM user manual is designed to acquaint the user with the various PDM options and offer specific guidance on the maintenance and use of the PDM package.

Notations will be used consistently throughout this PDM user manual are outlined below.

- Menu options will be italicized.

Example: The *Drug Enter/Edit* option permits you to enter or edit a drug.

- Screen prompts will be denoted with quotation marks around them.

Example: the “select drug” prompt will display next.

- Responses in bold face indicate user input.

Example: DRUG INTERACTION SEVERITY: **CRITICAL**

- Text centered between bent parentheses represents a keyboard key that needs to be pressed in order for the system to capture a user response or move the cursor to another field.

<**Enter**> indicates that the Enter key (or Return key on some keyboards) must be pressed.

Example: Type **Y** for Yes or **N** for No and press <**Enter**>

<**Tab**> indicates that the Tab key must be pressed.

Example: Press <**Tab**> to move the cursor to the next field.

- **?, ??, ???** One, two or three question marks can be entered at any of the prompts for online help. One question mark elicits a brief statement of what information is appropriate for the prompt. Two question marks provide more help, plus the hidden actions, and three question marks will provide more detailed help, including a list of possible answers, if appropriate.
- **^** (caret or a circumflex) and pressing **<Enter>** can be used to exit the present option.

2.0 Pharmacy Data Management Options

The PDM options are listed below. Each of these options is explained in detail later in this user manual.

Dosages ...

- Auto Create Dosages
- Dosage Form File Enter/Edit
- Enter/Edit Dosages
- Most Common Dosages Report
- Noun/Dosage Form Report
- Review Dosages Report

Drug Enter/Edit

Drug Interaction Management ...

- Enter/Edit Local Drug Interaction
- Report of Locally Entered Interactions

Electrolyte File (IV)

Lookup into Dispense Drug File

Medication Instruction File Add/Edit

Medication Route File Enter/Edit

Orderable Item Management ...

- Edit Orderable Items
- Dispense Drug/Orderable Item Maintenance
- Orderable Item/Dosages Report
- Patient Instructions Report

Orderable Item Report

Formulary Information Report

Drug Text Enter/Edit

Drug Text File Report

Pharmacy System Parameters Edit

Standard Schedule Edit

Synonym Enter/Edit

Controlled Substances/PKI Reports

DEA Spec Hdlg & CS Fed Sch Discrepancy
Controlled Substances Not Matched to NDF
CS (DRUGS) Inconsistent with DEA Spec Hdlg
CS (Ord. Item) Inconsistent with DEA Spec Hdlg

2.1 Dosages

[PSS DOSAGES MANAGEMENT]

The *Dosages* option controls the entering and editing of dosages. The six dosages sub-options are explained in more detail below.

2.1.1 Auto Create Dosages

[PSS DOSAGE CONVERSION]

The *Auto Create Dosages* option will queue the conversion that populates the Possible Dosages and Local Possible Dosages in the DRUG file (#50). When the *Auto Create Dosages* job is complete, a mail message is sent to the user. The initial creation of these dosages occurred after the setup of patch PSS*1*34; therefore, all subsequent executions of this option are considered a “rerun”.

```
This option will queue the conversion that populates the Possible Dosages  
and Local Possible Dosages in the Drug file.
```

```
Select Systems Manager Menu Option: PDM Pharmacy Data Management
```

```
Select Pharmacy Data Management Option: DOSages
```

```
Select Dosages Option: AUTo Create Dosages
```

```
This option will queue the conversion that populates the Possible Dosages  
and Local Possible Dosages in the Drug file.
```

```
The dosage conversion was last run by TULSA, LARRY  
It started on DEC 07, 2000@15:09:20 and ended on DEC 07, 2000@15:09:34
```

```
Are you sure you want to run the Dosage conversion again? N//
```

Figure 2-1: Example: Rerun Auto Create Dosages

```

Subj: PDM DOSAGE CONVERSION [#81907] 07 Dec 00 15:09 2 lines
From: PHARMACY DATA MANAGEMENT In 'IN' basket. Page 1 *New*
-----

```

```

The PDM Auto Create Dosages Job has run to completion.
Please use the Dosages Review Report to print out results.

```

```

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

```

Figure 2-2: Example: Mail Message following completion of Auto Create Dosages

2.1.2 Dosage Form File Enter/Edit

[PSS DOSAGE FORM EDIT]

The *Dosage Form File Enter/Edit* option provides the ability to edit data in the DOSAGE FORM file (#50.606). Changes made using this option may affect the way EHR and Outpatient Pharmacy SIGs display and how Local Possible Dosages are created. The Noun entries are used to populate the Local Possible Dosages for DRUG file (#50) entries, when these entries are matched to National Drug File. These Nouns may be package specific (i.e. Outpatient Pharmacy, Inpatient Medications, or both). Entries in this file will be used as default values in the construction of the Outpatient Pharmacy prescription SIG.

The conjunction will be used to provide a connector between the Local Possible Dosage and the strength and units or Dispense Drug name when displaying the dosage list through CPRS. For example, the dosage 1 TEASPOONFUL GUAIFENESIN WITH DEXTROMETHORPHAN SYRUP would display as 1 TEASPOONFUL OF GUAIFENESIN WITH DEXTROMETHORPHAN SYRUP in CPRS after the conjunction “OF” was provided using the *Dosage Form File Enter/Edit* option.

The *Dosage Form File Enter/Edit* option allows the user to enter a noun, verb, or preposition in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE VERB, OTHER LANGUAGE PREPOSITION, or OTHER LANGUAGE NOUN fields, PDM defaults to the values entered in the VERB, PREPOSITION, or NOUN fields. It is recommended that values not be entered in any of the OTHER LANGUAGE FIELDS. If the VERB, PREPOSITION, or NOUN fields do not contain data for the selected item, the system will not display default values for those fields during CPRS or Outpatient Pharmacy prescription order entry processing. However, when building the SIG, Outpatient Pharmacy will default to the values the user input during order entry. See Appendix D for a list of Spanish equivalents for some of the more common dosage forms.

```

Select Dosages Option: DOSage Form File Enter/Edit

```

```

Select DOSAGE FORM NAME: TAB

```



```

NAME: TAB <Enter>
Select MED ROUTE FOR DOSAGE FORM: ORAL// <Enter>
VERB: TAKE// <Enter>
OTHER LANGUAGE VERB:
PREPOSITION: BY// @ <Enter>
  SURE YOU WANT TO DELETE? Y (Yes)
OTHER LANGUAGE PREPOSITION: POR
Select NOUN: TABLET(S)// <Enter>
  NOUN: TABLET(S)// <Enter>
  OTHER LANGUAGE NOUN:
  PACKAGE: Both// <Enter>
Select NOUN: <Enter>
CONJUNCTION: <Enter>

```

Figure 2-3: Example: Dosage Form File Enter/Edit

2.1.3 Enter/Edit Dosages

[PSS EDIT DOSAGES]

The *Enter/Edit Dosages* option allows you to edit Possible Dosages and Local Possible Dosages for a selected Dispense Drug. These dosages may be specified for Inpatient Medication, Outpatient Pharmacy, or both packages.

The BCMA UNITS PER DOSE field is used by Inpatient Medications to populate the Units Per Dose information for Unit Dose orders. This value will determine the number of times a medication must be scanned in order to document a medication administration through Bar Code Medication Administration (BCMA). This field is not required and an entry should be made only when multiple scans through BCMA appear to document erroneous dosages.

The *Enter/Edit Dosages* option allows the user to enter a dosage in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE DOSAGE NAME field, PDM defaults to the value entered in the LOCAL POSSIBLE DOSAGE field. If no values exist in the LOCAL POSSIBLE DOSAGE and OTHER LANGUAGE DOSAGE NAME fields, the system will not display default values for those fields during EHR or Outpatient Pharmacy prescription order entry processing. However, when building the SIG, Outpatient Pharmacy will default to the value the user input during order entry. It is recommended that nothing be entered in the OTHER LANGUAGE DOSAGE NAME field to avoid problems with creating confusing directions on the prescription label.

```

Select Drug: ACETAMIN
  1 ACETAMINOPHEN 160MG/5ML LIQUID          CN103          NATL FORM; 480
ML/BT (NDC)
  2 ACETAMINOPHEN 300MG/CODEINE 30MG TAB      CN101          VISN FORM
  3 ACETAMINOPHEN 300MG/CODEINE 30MG TB U.D.  CN101          VISN
FORM (NDC)
  4 ACETAMINOPHEN 325MG TAB                  CN103          NATL FORM

```

```

      5  ACETAMINOPHEN 325MG TAB U.D.          CN103          NATL FORM (IEN)
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 4  ACETAMINOPHEN 325MG TAB          CN103          NATL FORM

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

ACETAMINOPHEN 325MG TAB                      Inactive Date:

Strength from National Drug File match => 325    MG
Strength currently in the Drug File    => 325    MG

Edit Strength? N// <Enter> 0

Strength => 325    Unit => MG

Select DISPENSE UNITS PER DOSE: ?
  Answer with POSSIBLE DOSAGES DISPENSE UNITS PER DOSE
  Choose from:
  1      325    IO
  2      650    IO

      You may enter a new POSSIBLE DOSAGES, if you wish
      Type a Number between 0 and 99999999, 4 Decimal Digits

Select DISPENSE UNITS PER DOSE: 3
  Are you adding '3' as a new POSSIBLE DOSAGES (the 3RD for this DRUG)? No// Y

  (Yes)
  Dosage = 975MG

      POSSIBLE DOSAGES DOSE: 975//    (No Editing)  <Enter>

DISPENSE UNITS PER DOSE: 3// <Enter>
PACKAGE: 0

Strength => 325    Unit => MG

Select DISPENSE UNITS PER DOSE: <Enter>

Enter/Edit Local Possible Dosages? N//<Enter> 0

Select Drug:

```

Figure 2-4: Example 1: Enter/Edit Dosages Simple Possible Dosage

```

Select Dosages Option: ENter/Edit Dosages

Select Drug: GUAIFENESIN 100MG/5ML SYRUP          RE302          DISP BY ML(120
ML MAX/NON-REFILLABLE)mpr 1BT=120ML *OTC DRUG*    $ 6/02

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

GUAIFENESIN 100MG/5ML SYRUP                      Inactive Date:

Strength from National Drug File match => 100    MG/5ML
Strength currently in the Drug File    => 100

```

```

Edit Strength? N// <Enter>0
Strength => 100   Unit =>
Select DISPENSE UNITS PER DOSE: ?
  Answer with POSSIBLE DOSAGES DISPENSE UNITS PER DOSE
  Choose from:
  1      100    I
  2      200    I

      You may enter a new POSSIBLE DOSAGES, if you wish
      Type a Number between 0 and 99999999, 4 Decimal Digits

Select DISPENSE UNITS PER DOSE: <Enter>

This drug has the following Local Possible Dosages:

10ML (2 TEASPOONFULS)          PACKAGE: O
10 MLS                          PACKAGE: I

Do you want to merge new Local Possible Dosages? Y//N <Enter> NO

Strength: 100                    Unit: MG/5ML

Select LOCAL POSSIBLE DOSAGE: 5ML (1 TEASPOONFUL)

LOCAL POSSIBLE DOSAGE: 2 TEASPOONFULS// <Enter>
OTHER LANGUAGE DOSAGE NAME: 2 CUCHARADITAS
PACKAGE: O <Enter> Outpatient
Strength: 100                    Unit: MG/5ML

```

Figure 2-5: Example 2: Enter/Edit Dosages Create a Local Possible Dosage

```

Select Dosages Option: ENter/Edit Dosages

Select Drug: PROPR
  1  PROPRANOLOL 10MG S.T.          CV100
  2  PROPRANOLOL 40MG S.T.         CV100
  3  PROPRANOLOL 80MG S.T.         CV100
  4  PROPRANOLOL TABS,80MG.PINACIDIL STUDY          STUDY DRUG--RE
ST.TO DR.HOLTZMAN
CHOOSE 1-4: 2  PROPRANOLOL 40MG S.T.          CV100

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

PROPRANOLOL 40MG S.T.                Inactive Date:

Strength from National Drug File match => 40    MG
Strength currently in the Drug File    => 40    MG
Edit Strength? N// <Enter> 0

Strength => 40   Unit => MG

Select DISPENSE UNITS PER DOSE: 0.5
Are you adding '.5' as a new POSSIBLE DOSAGES (the 3RD for this DRUG)? No// Y
(Yes)
Dosage = 20MG
POSSIBLE DOSAGES DOSE: 20//   (No Editing) <Enter>

DISPENSE UNITS PER DOSE: 0.5// <Enter>

```

```

PACKAGE: IO <Enter>
BCMA UNITS PER DOSE: <Enter>

Strength => 40    Unit => MG

Select DISPENSE UNITS PER DOSE: <Enter>

Enter/Edit Local Possible Dosages? N// <Enter> 0

Select Drug:

```

Figure 2-6: Example 3: Enter/Edit Dosages Editing the Dispense Units Per Dose

```

Select Dosages Option: ENter/Edit Dosages

Select Drug: GRISEOFULVIN 500MG S.T.          AM700

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

GRISEOFULVIN 500MG S.T.                      Inactive Date:

This drug can have Possible Dosages, but currently does not have any.

Create Possible Dosages for this drug? N// ?

This drug meets the criteria to have Possible Dosages, but it currently does
not have any. If you answer 'YES', Possible Dosages will be created for this
drug, based on the match to the National Drug File.

Create Possible Dosages for this drug? N// YES

Resetting Possible Dosages..

Press Return to continue: <Enter>

Strength from National Drug File match => 500    MG
Strength currently in the Drug File    => 500    MG

Edit Strength? N// <Enter> 0

Strength => 500    Unit => MG

Select DISPENSE UNITS PER DOSE: ?
  Answer with POSSIBLE DOSAGES DISPENSE UNITS PER DOSE
Choose from:
  1    500    IO
  2    1000   IO

  You may enter a new POSSIBLE DOSAGES, if you wish
  Type a Number between 0 and 99999999, 4 Decimal Digits

Select DISPENSE UNITS PER DOSE: <Enter>

Enter/Edit Local Possible Dosages? N// <Enter> 0

Select Drug:

```

Figure 2-7: Example 4: Enter/Edit Dosages Creating Possible Dosages

2.1.4 Most Common Dosages Report

[PSS COMMON DOSAGES]

The *Most Common Dosages Report* displays the most common dosages administered over a specified time period for Unit Dose orders.

Select Dosages Option: M0st Common Dosages Report

This report displays common dosages of Dispense Drugs for Unit Dose orders based on the time frame entered. Unit Dose orders without a Dosage Ordered are not included on this report.

If there are multiple Dispense Drugs associated with an order, only the first Dispense Drug of the order will print with the Dosage Ordered.

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

Enter start date for gathering Dosages: T-365 (JAN 23, 2000)

Do not print Dosage if frequency is less than: (1-100): 1// 10

Because of the length of this report, and the time needed to gather the information, this report must be queued to a printer.

DEVICE: HOME// QUEUED

DEVICE: HOME// PRINTER 1

(This report must be sent a printer)

COMMON DOSAGES REPORT STARTING FROM 01/23/00

PAGE: 1

DRUG	DOSAGE	FREQUENCY
ACETAMINOPHEN 325MG TAB U.D.	325-650MG TAB	12
	650 mg	16
	650MG	25
	650MG TAB	66
	650mg	33
ACETAMINOPHEN 500MG TAB U.D.	1000 mg	20
	1000MG	11
	1000MG TAB	33
	1000mg	12
	500-1000MG TAB	17
ALBUTEROL 0.5% INHL SOLN	0.5% NEB SOLN	10
	0.5CC SOLN	40
	0.5ML SOLN	12
ALBUTEROL 90MCG 200D ORAL INHL	2 PUFFS	52
	2 puffs	17
ALLOPURINOL 300MG TAB U.D.	300MG TAB	12
ALOH/MGOH/SIMTH XTRA STRENGTH LIQ	30CC	11
	30CC SUSP	15
	30cc	25
AMOXICILLIN 500/CLAV K 125MG TAB	500/125MG TAB	13
ASPIRIN 325MG EC TAB U.D.	325 MG	11

	325MG EC TAB	80
ASPIRIN 325MG TAB U.D.	325 MG	10
	325 mg	10
	325MG TAB	17
ASPIRIN 81MG CHEW TAB	81MG TAB	16
ATENOLOL 25MG TAB	25MG TAB	17
ATENOLOL 50MG TAB	50MG TAB	14
AZITHROMYCIN 250MG TAB	250MG TAB	11
BISACODYL 10MG RTL SUPP	10MG SUPP	19
CARBAMAZEPINE (TEGRETOL) 100MG CHEW TAB	100MG TAB	11
CARBAMAZEPINE (TEGRETOL) 200MG TAB	200MG TAB	11
CASANTHRANOL 30/DOCUSATE 100MG CAP U.D.	30/100MG CAP	24
CLOPIDOGREL BISULFATE 75MG TAB	75 mg	14
DEXAMETHASONE 4MG TAB U.D.	4MG	13
DIGOXIN (LANOXIN) 0.125MG TAB	0.125 mg	10
	0.125MG	10
	0.125MG TAB	23
DIGOXIN (LANOXIN) 0.25MG TAB	0.25MG	13
	0.25MG TAB	27
DOCUSATE NA 100MG CAP U.D.	100 MG	11
	100 mg	19
	100MG	11
	100MG CAP	40
DROPERIDOL 5MG/2ML INJ	1/4-1/2CC INJ	19
FELODIPINE 5MG SA TAB U.D.	5MG SA TAB	10
FERROUS SULFATE 325MG TAB	325MG TAB	31
FLUNISOLIDE 250MCG 100D ORAL INHL	2 PUFFS	18
	2 puffs	12
FOLIC ACID 1MG TAB U.D.	1 mg	21
	1MG TAB	19

Figure 2-8: Example: Most Common Dosages Report

2.1.5 Noun/Dosage Form Report

[PSS DOSE FORM/NOUN REPORT]

The *Noun/Dosage Form Report* displays the Dosage Forms, along with their associated Nouns and package use identifiers. It also displays the Local Possible Dosage created by the software based on the Nouns and Instructions of each Dosage Form.

Select Dosages Option: NOUN/Dosage Form Report

This report shows the Dosage Forms and Nouns, along with the package use for each Noun and the resulting Local Possible Dosage.

DEVICE: HOME// <Enter> TELNET DEVICE

Dosage Form Noun(s)	Dispense Units per Dose Package-->Local Possible Dosage	PAGE: 1

ADAPTER (No Nouns)	(1)	
AEROSOL PUFF(S) SPRAY(S)	(1) IO--> 1 PUFF IO--> 1 SPRAY	
AEROSOL,ORAL (No Nouns)	(1,2)	
AEROSOL,RTL (No Nouns)	(1,2)	
AEROSOL, TOP (No Nouns)	(1,2)	
AEROSOL, VAG APPLICATORFUL	(1,2) IO--> 1 APPLICATORFUL IO--> 2 APPLICATORFULS	
APPLICATOR APPLICATOR	(1,2) IO--> 1 APPLICATOR IO--> 2 APPLICATOR	
BAG BAG	IO--> BAG	
BANDAGE	IO--> BANDAGE	
BAR, CHEWABLE BAR(S)	(1) IO--> 1 BAR	
BAR, TOP (No Nouns)		
BARRIER (No Nouns)		
BEADS, TOP (No Nouns)		
BELT (No Nouns)		
BLOCK	IO--> BLOCK	
CAP, EC CAPSULE(S)	(1,2) IO--> 1 CAPSULE IO--> 2 CAPSULES	
CAP, INHL CAPSULE(S)	(1,2) IO--> 1 CAPSULE IO--> 2 CAPSULES	

CAP, ORAL	(1,2)
CAPSULE(S)	IO--> 1 CAPSULE
	IO--> 2 CAPSULES
CAP, SA	(1,2)
CAPSULE(S)	IO--> 1 CAPSULE
	IO--> 2 CAPSULES
CAP, SPRINKLE	(1,2)
CAPSULE(S)	IO--> 1 CAPSULE
	IO--> 2 CAPSULES
CAP, SPRINKLE, SA	(1,2)
CAPSULE(S)	IO--> 1 CAPSULE
	IO--> 2 CAPSULES
CAP/INJ	(1,2)
(No Nouns)	
CATHETER	
CATHETER	O--> CATHETER
CHAMBER	
CHAMBER	IO--> CHAMBER

Figure 2-9: Example: Noun/Dosage Form Report

2.1.6 Review Dosages Report

[PSS DOSAGE REVIEW REPORT]

The *Review Dosages Report* shows the Possible Dosages and Local Possible Dosages for selected Dispense Drugs.

```
Select Dosages Option: REView Dosages Report

  Select one of the following:

      A          ALL
      S          SELECT A RANGE

Print Report for (A)ll or (S)elect a Range: S// <Enter>  ELECT A RANGE

To see drugs beginning with the letter 'A', enter 'A', or whichever letter you
wish to see. To see drugs in a range, for example drugs starting with the
letters 'G', 'H', 'I' and 'J', enter in the format 'G-J'.

Select a Range: G

Report will be for drugs starting with the letter G,
and ending with drugs starting with the letter G.

Is this correct? Y// <Enter>  ES

  This report is designed for 132 column format!

DEVICE: HOME// ;C-VT132  TELNET DEVICE
```


Dosage report for drugs from G through G		Outpatient Expansion	
PAGE: 1			

(2281)	G U BAGS		Inactive
Date:			
	Strength:	Units:	Application
Package: 0			
	Possible Dosages: (None)		
	Local Possible Dosages:		Package: IO
	BAG		
(3383)	GABAPENTIN 100MG CAP		Inactive Date:
	Strength: 100	Units: MG	Application Package: 0
	Possible Dosages:		
	Dispense Units Per Dose: 1	Dose: 100MG	Package: IO 1 CAPSULE
	Dispense Units Per Dose: 2	Dose: 200MG	Package: IO 2 CAPSULES
	Local Possible Dosages:		
	1 CAPSULE		Package: 0
	2 CAPSULES		Package: 0
(3386)	GABAPENTIN 100MG CAP UD		Inactive Date:
	Strength: 100	Units: MG	Application Package: U
	Possible Dosages:		
	Dispense Units Per Dose: 1	Dose: 100MG	Package: IO 1 CAPSULE
	Dispense Units Per Dose: 2	Dose: 200MG	Package: IO 2 CAPSULES
	Local Possible Dosages: (None)		
(3384)	GABAPENTIN 300MG CAP		Inactive Date:
	Strength: 300	Units: MG	Application Package: 0
	Possible Dosages:		
	Dispense Units Per Dose: 1	Dose: 300MG	Package: IO 1 CAPSULE
	Dispense Units Per Dose: 2	Dose: 600MG	Package: IO 2 CAPSULES
	Local Possible Dosages:		
	1 CAPSULE		Package: 0
(3387)	GABAPENTIN 300MG CAP UD		Inactive
Date:			
	Strength: 300	Units: MG	Application Package: U
	Possible Dosages:		
	Dispense Units Per Dose: 1	Dose: 300MG	Package: IO 1 CAPSULE
	Dispense Units Per Dose: 2	Dose: 600MG	Package: IO 2 CAPSULES
	Local Possible Dosages: (None)		
(3385)	GABAPENTIN 400MG CAP		Inactive Date:
	Strength: 400	Units: MG	Application Package: 0
	Possible Dosages:		
	Dispense Units Per Dose: 1	Dose: 400MG	Package: IO 1 CAPSULE
	Dispense Units Per Dose: 2	Dose: 800MG	Package: IO 2 CAPSULES
	Local Possible Dosages:		
	1 CAPSULE		Package: 0
(3388)	GABAPENTIN 400MG CAP UD		Inactive
Date:			
	Strength: 400	Units: MG	Application Package: U

Possible Dosages:			
Dispense Units Per Dose: 1	Dose: 400MG	Package: IO	1 CAPSULE
Dispense Units Per Dose: 2	Dose: 800MG	Package: IO	2 CAPSULES
Local Possible Dosages: (None)			
(4425)	GABAPENTIN 600MG TAB	Inactive Date:	
Strength: 600	Units: MG	Application Package: OU	
Possible Dosages:			
Dispense Units Per Dose: 1	Dose: 600MG	Package: IO	1 TABLET
Dispense Units Per Dose: 2	Dose: 1200MG	Package: IO	2 TABLETS
Local Possible Dosages:			
1 TABLET		Package: 0	
(4426)	GABAPENTIN 800MG TAB	Inactive Date:	
Strength: 800	Units: MG	Application Package: OU	
Possible Dosages:			
Dispense Units Per Dose: 1	Dose: 800MG	Package: IO	1 TABLET
Dispense Units Per Dose: 2	Dose: 1600MG	Package: IO	2 TABLETS
Local Possible Dosages:			
1 TABLET		Package: 0	
(3858)	GANCICLOVIR 250MG CAP	Inactive Date:	
Strength: 250	Units: MG	Application Package: 0	
Possible Dosages:			
Dispense Units Per Dose: 1	Dose: 250MG	Package: IO	1 CAPSULE
Dispense Units Per Dose: 2	Dose: 500MG	Package: IO	2 CAPSULES
Local Possible Dosages: (None)			
(4033)	GANCICLOVIR 4.5MG IMPLANT,OPH	Inactive Date:	
Strength: 4.5	Units: MG	Application Package: OU	
Possible Dosages:			
Dispense Units Per Dose: 1	Dose: 4.5MG	Package: I	
Dispense Units Per Dose: 2	Dose: 9MG	Package: I	
Local Possible Dosages:			

Figure 2-10: Example: Review Dosages Report)

2.2 Drug Enter/Edit

[PSS DRUG ENTER/EDIT]

The *Drug Enter/Edit* option allows users to make a new Dispense Drug entry into the DRUG file (#50) or to make changes to existing DRUG file (#50) Dispense Drug entries. This option consolidates entries for all Pharmacy packages if the user possesses the proper package key. It will also allow the user to match Dispense Drugs to corresponding National Drug File and Pharmacy Orderable Item entries and to tie the Dispense Drug to a DRUG TEXT file (#51.7) entry. Dispense Drug formulary status is designated via this option and formulary alternatives may be designated for non-formulary Dispense Drug entries.

Dosages created as the result of National Drug File matching or auto creation of dosages may be reviewed and edited via this option.

Outpatient Pharmacy designated Dispense Drug entries may be marked or unmarked as a LAB MONITOR or CLOZAPINE DRUG. This will allow lab values to print on the Outpatient Action Profile for the designated drug and display the most recent lab value and date for the drug during new prescription and refill prescription entry by the pharmacist. Indian Health sites should NEVER mark a drug as a CLOZAPINE DRUG. This use is for VA facilities only, who are registered to submit Clozapine lab data on-line to a national location.

The *Drug Enter/Edit* option allows the user to enter a dosage in a language other than English. PDM does not translate English terms into another language; and it is recommended that nothing be entered in these fields to avoid printing out confusing prescription labels. If a value has not been entered in the OTHER LANGUAGE DOSAGE NAME field, PDM defaults to the value entered in the LOCAL POSSIBLE DOSAGE field. If no values exist in the LOCAL POSSIBLE DOSAGE and OTHER LANGUAGE DOSAGE NAME fields, the system will not display default values for those fields during EHR or Outpatient Pharmacy prescription order entry processing. However, when building the SIG, Outpatient Pharmacy will default to the value the user input during order entry.

Patch PSS*1*61 adds a new code "F" for NON REFILLABLE to the DEA, SPECIAL HDLG field (#3) of the DRUG file (#50), which will allow sites to mark drugs other than controlled substances as NON REFILLABLE.

When using the *Drug Enter/Edit* option, a warning message is displayed if a discrepancy is found between the CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) and the DEA, SPECIAL HDLG field (#3) of the DRUG file (#50). The warning message says, "The CS Federal Schedule associated with this drug in the VA Product file represents a DEA, Special Handling code of XX", where XX is the DEA, SPECIAL HDLG code mapped to corresponding CS FEDERAL SCHEDULE code defined as follows (schedule I, IV and V are identical):

	CS FEDERAL SCHEDULE	DEA, SPECIAL HDLG
Schedule I narcotics	1	1
Schedule II narcotics	2	2A
Schedule II non-narcotics	2n	2C
Schedule III narcotics	3	3A
Schedule III non-narcotics	3n	3C
Schedule IV narcotics	4	4
Schedule V narcotics	5	5

```
Select Pharmacy Data Management Option: DRUG
  1  Drug Enter/Edit
  2  Drug Interaction Management
  3  Drug Text Enter/Edit
CHOOSE 1-3: 1  Drug Enter/Edit

Select DRUG GENERIC NAME: PROPRA
  1  PROPRANOLOL 10MG S.T.          CV100
```

```

      2  PROPANOLOL 40MG S.T.          CV100
      3  PROPANOLOL 80MG S.T.          CV100
      4  PROPANOLOL TABS,80MG.PINACIDIL STUDY          STUDY DRUG--RE
ST.TO DR.HOLTZMAN
CHOOSE 1-4: 2  PROPANOLOL 40MG S.T.          CV100

*****
This entry is marked for the following PHARMACY packages:
  Outpatient
  Unit Dose
  Non-VA Med
GENERIC NAME: PROPANOLOL 40MG S.T.  Replace
VA CLASSIFICATION: CV100//<Enter>
DEA, SPECIAL HDLG: 6//<Enter>
NATIONAL FORMULARY INDICATOR: <Enter>
LOCAL NON-FORMULARY: <Enter>
VISN NON-FORMULARY: <Enter>
Select DRUG TEXT ENTRY: <Enter>
Select FORMULARY ALTERNATIVE: <Enter>
Select SYNONYM: 000719179613// <Enter>
  SYNONYM: 000719179613//<Enter>
  INTENDED USE: DRUG ACCOUNTABILITY// <Enter>
  NDC CODE: 000719-1796-13// <Enter>
Select SYNONYM: <Enter>
MESSAGE: <Enter>
RESTRICTION: <Enter>
FSN: 6505-00-221-3393A//<Enter>
NDC: 00719-1796-13// <Enter>
INACTIVE DATE: <Enter>
WARNING LABEL: <Enter>

ORDER UNIT: BT// <Enter>
PRICE PER ORDER UNIT: 50.34//<Enter>
DISPENSE UNIT: TAB// <Enter>
DISPENSE UNITS PER ORDER UNIT: 1000// <Enter>
PRICE PER DISPENSE UNIT: 0.050

      points to PROPANOLOL HCL 40MG TAB in the National Drug file.

This drug has already been matched and classified with the National Drug
file. In addition, if the dosage form changes as a result of rematching,
you will have to match/rematch to Orderable Item.

Do you wish to match/rematch to NATIONAL DRUG file? No//<Enter>      (No)
Just a reminder...you are editing PROPANOLOL 40MG S.T..

Strength from National Drug File match => 40      MG
Strength currently in the Drug File      => 40      MG

Strength => 40      Unit => MG
POSSIBLE DOSAGES:
  DISPENSE UNITS PER DOSE: 1          DOSE: 40          PACKAGE: IO
  DISPENSE UNITS PER DOSE: 2          DOSE: 80          PACKAGE: IO
  DISPENSE UNITS PER DOSE: .5        DOSE: 20          PACKAGE: IO

LOCAL POSSIBLE DOSAGES: <Enter>
OTHER LANGUAGE DOSAGE NAME <Enter>
Do you want to edit the dosages? N// YES
Changing the strength will update all possible dosages for this Drug.

STRENGTH: 40//<Enter>

Select DISPENSE UNITS PER DOSE: 0.5      20      IO

DISPENSE UNITS PER DOSE: 0.5// @
      SURE YOU WANT TO DELETE THE ENTIRE '.5' DISPENSE UNITS PER DOSE? Y (Yes)

```

```

Select DISPENSE UNITS PER DOSE: <Enter>

Enter/Edit Local Possible Dosages? N// <Enter> O
*****
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
X - Non-VA Med

Enter your choice(s) separated by commas : O
** 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: 4// <Enter>
SOURCE OF SUPPLY: 1P//<Enter>
CURRENT INVENTORY: -3822//<Enter>
ACTION PROFILE MESSAGE (OP): <Enter>
MESSAGE: <Enter>

QUANTITY DISPENSE MESSAGE: <Enter>
OP EXTERNAL DISPENSE: <Enter>

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. **

PROPRANOLOL 40MG S.T. is already matched to

      PROPRANOLOL TAB

Do you want to match to a different Orderable Item? NO// <Enter>
Select DRUG GENERIC NAME:

```

Figure 2-11: Example 1: Drug Enter/Edit

```

MARK THIS DRUG AND EDIT IT FOR:
O - Outpatient
U - Unit Dose
I - IV
X - Non-VA Med

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

AN Outpatient Pharmacy ITEM? Yes// <Enter>      (Yes)
CORRESPONDING INPATIENT DRUG: CLOZAPINE 100MG TAB      // <Enter>
MAXIMUM DOSE PER DAY: <Enter>
LOCAL NON-FORMULARY: <Enter>
NORMAL AMOUNT TO ORDER: 1// <Enter>
SOURCE OF SUPPLY: <Enter>
CURRENT INVENTORY: 1000// <Enter>
ACTION PROFILE MESSAGE (OP): RESTRICTED TO NATIONALLY REGISTERED PATIENTS.
      Replace
MESSAGE: NATL RESTRICTED (IEN) Replace
QUANTITY DISPENSE MESSAGE: <Enter>

```

```

Do you wish to mark/unmark as a LAB MONITOR or CLOZAPINE DRUG?
Enter Yes or No: YES
Mark/Unmark for Lab Monitor or Clozapine:

    Select one of the following:

        L          LAB MONITOR
        C          CLOZAPINE

Enter response: LAB MONITOR
** You are NOW editing LAB MONITOR fields. **

Select LAB TEST MONITOR: INR

    Now editing:

LAB TEST MONITOR: INR//
SPECIMEN TYPE: BLOOD
  1  BLOOD      0X000
  2  BLOOD BAND CELL      0X161
  3  BLOOD BASOPHIL      0X180
  4  BLOOD EOSINOPHIL    0X170
  5  BLOOD ERYTHROCYTE  0X120
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1  BLOOD      0X000
MONITOR MAX DAYS: 45

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

WARFARIN 1MG TAB is already matched to

    WARFARIN TAB

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

```

Figure 2-12 : Example 2: Drug Enter/Edit
Monitor

Marking of an Outpatient Drug for Clozapine or Lab

```

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: 50<Enter>
PRICE PER DISPENSE UNIT: 10.0000

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
VA DISPENSE UNIT: CAP/TAB
    PACKAGE SIZE: BOTTLE
    PACKAGE TYPE: OTHER
VA CLASS: HA000  HERBS/ALTERNATIVE THERAPIES
INGREDIENTS:
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.

LOCAL POSSIBLE DOSAGES:

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

MARK THIS DRUG AND EDIT IT FOR:
O - Outpatient
X - Non-VA Med
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. **

  Dosage Form -> CAP/TAB

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

  Dosage Form   -> CAP/TAB
  Dispense Drug -> ginger root

Orderable Item Name: GINGER//

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>  <- Enter an up-arrow at this prompt to jump to the
                          "Select SYNONYM" prompt.
Select OI-DRUG TEXT ENTRY: <Enter>
INACTIVE DATE: <Enter>
DAY (nD) or DOSE (nL) LIMIT: <Enter>
MED ROUTE: <Enter>
SCHEDULE TYPE: <Enter>
SCHEDULE: <Enter>
PATIENT INSTRUCTIONS: <Enter>
OTHER LANGUAGE INSTRUCTIONS: <Enter>

Select SYNONYM: <Enter>

```

Figure 2-13: Example 3: Drug Enter/Edit Editing Non-VA Medications

```

Select DRUG GENERIC NAME: morphine sulf 15mg cr tab
      MORPHINE SULF 15MG CR TAB           CN101           WRITTEN RX REQUIRED

*****
This entry is marked for the following PHARMACY packages:
  Outpatient
  Unit Dose
  Controlled Substances
GENERIC NAME: MORPHINE SULF 15MG CR TAB  Replace <Enter>
VA CLASSIFICATION: CN101// <Enter>
DEA, SPECIAL HDLG: 2C// <Enter>
The CS Federal Schedule associated with this drug in the VA Product File
represents a DEA, Special Handling code of 2A.
DEA, SPECIAL HDLG: 2C// 2A
NATIONAL FORMULARY INDICATOR: YES

```

Figure 2-14: Example 4: Drug Enter/Edit Editing Controlled Substances

2.3 Drug Interaction Management

[PSS DRG INTER MANAGEMENT]

The *Drug Interaction Management* sub-menu provides options through which local drug interactions may be entered or edited in the DRUG INTERACTION file (#56) or the severity of any interaction in the file may be changed from significant to critical.

2.3.1 Enter/Edit Local Drug Interaction

[PSS INTERACTION LOCAL ADD]

The *Enter/Edit Local Drug Interaction* option allows Pharmacy sites to add local drug interactions to the DRUG INTERACTION file (#56) or edit only local drug interactions already in the file. The national entries in the DRUG INTERACTION file (#56) cannot be edited.

When a prescription is filled, this information displays on the screen during the order checking process of medication order entry or prints whenever a prescription is filled.

```
Select Pharmacy Data Management Option:  DRUG INTERaction Management
Select Drug Interaction Management Option:  Enter/Edit Local Drug Interaction

Select Drug Interaction:  LOCALLY/TEST INTERACTION
  ARE YOU ADDING 'LOCALLY/TEST INTERACTION' AS A NEW DRUG INTERACTION? Y (YES)
  DRUG INTERACTION INGREDIENT 1:  CODEINE
  DRUG INTERACTION INGREDIENT 2:  ACETAMINOPHEN
  DRUG INTERACTION SEVERITY:  CRITICAL
NAME:  LOCALLY/TEST INTERACTION  Replace <Enter>
INGREDIENT 1:  CODEINE// <Enter>
INGREDIENT 2:  ACETAMINOPHEN// <Enter>
SEVERITY:  CRITICAL// <Enter>
TOTAL INDEXES:  30752// <Enter> (No Editing)
```

Figure 2-15: Example 1: Enter a Local Drug Interaction

```
Select Pharmacy Data Management Option:  DRUG INTERaction Management
Select Drug Interaction Management Option:  Enter/Edit Local Drug Interaction

Select Drug Interaction:  LOCALLY/TEST INTERACTION
Primary Ingre.:  CODEINE and ACETAMINOPHEN severity:  CRITICAL
NAME:  LOCALLY/TEST INTERACTION  Replace @
  SURE YOU WANT TO DELETE THE ENTIRE 'LOCALLY/TEST INTERACTION' DRUG INTERACTION?
  Y (YES)
Select Drug Interaction:  <Enter>
```

Figure 2-16: Example 2: Edit a Local Drug Interaction

2.3.2 Report of Locally Entered Interactions

[PSS REPORT LOCAL INTERACTIONS]

The *Report of Locally Entered Interactions* option allows sites to print a report of locally entered drug interactions and their severity.

```
Select Drug Interaction Management Option: ?

      Enter/Edit Local Drug Interaction
      Report of Locally Entered Interactions

Enter ?? for more options, ??? for brief descriptions, ?OPTION for help text.

Select Drug Interaction Management Option: REPort of Locally Entered Interactions

This report gives you a printed copy of locally added drug interactions and
their severity. You may queue the report to print, if you wish.

DEVICE:   VIRTUAL   Right Margin: 80//
LOCALLY ADDED DRUG INTERACTION LIST           APR 13,2001  13:29   PAGE 1
NAME                                           SEVERITY
-----
DIGITALIS/DIPHENHYDRAMINE                     SIGNIFICANT
ALPRAZOLAM/COLCHCINE                           CRITICAL
AMOXICILLIN/CISAPRIDE                          CRITICAL
AMINOPHYLLINE/AZITHROMYCIN                     CRITICAL
AZITHROMYCIN/THEOPHYLLINE                      CRITICAL
AZITHROMYCIN/OXTRIPHYLLINE                     CRITICAL
AMPICILLIN/ASCORBIC ACID                       CRITICAL
ASCORBIC ACID/ATENOLOL                         SIGNIFICANT
ACACIA/ACETIC ACID                             SIGNIFICANT
AMIKACIN/ASPIRIN                               SIGNIFICANT
ASCORBIC ACID/ASPIRIN                          CRITICAL
AMIKACIN/FLUORESCIEIN                         SIGNIFICANT

Select Drug Interaction Management Option:
```

Figure 2-17: Example: Report of Locally Entered Interactions

2.4 Electrolyte File (IV)

[PSSJI ELECTROLYTE FILE]

The *Electrolyte File* option allows the contents of the DRUG ELECTROLYTES file (#50.4) to be altered. This file contains the names of anions/cations and their concentration units. The file provides the ability for sites to enter IV orders for electrolytes as individual ingredients so that the IV label will print the total of individual electrolytes rather than the additive names. The ELECTROLYTES sub-file in the IV ADDITIVES (#52.6) and IV SOLUTIONS (#52.7) files point to this Electrolyte file.

```
Select Pharmacy Data Management Option: ELectrolyte File (IV)

Select DRUG ELECTROYTES NAME: CHLORIDE      MEQ/ML
ARE YOU ADDING 'CHLORIDE' AS A NEW DRUG ELECTROLYTES (THE 9th)? Y (YES)

DRUG ELECTROLYTES CONCENTRATION UNITS: MEQ/ML
```

```

NAME: CHLORIDE// <Enter>
CONCENTRATION UNITS: <Enter>
Select DRUG ELECTROLYTES NAME: <Enter>

```

Figure 2-18: Example 1: Electrolyte File (Adding)

```

Select Pharmacy Data Management Option: ELectrolyte File (IV)

Select DRUG ELECTROLYTES NAME: CHLORIDE
NAME: CHLORIDE// @
  SURE YOU WANT TO DELETE THE ENTIRE 'CHLORIDE' DRUG ELECTROLYTES? Y (YES)

```

Figure 2-19: Example 2: Electrolyte File (Deleting)

2.5 Lookup into Dispense Drug File

[PSS LOOK]

The *Lookup into Dispense Drug File* option provides a lookup into the DRUG file (#50) and displays fields that are commonly edited. It is not possible to edit entries in the DRUG file (#50) from this option. Edits can be made through the use of the *Drug Enter/Edit* option. Patch PSS*1*61 ensures that the newly populated CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) is also included as part of the drug details in the *Lookup into Dispense Drug File* [PSS LOOK] option.

```

Select DRUG GENERIC NAME: TIMOLOL
  1  TIMOLOL MALEATE 0.25% OPH GEL          OP101      N/F          NATL N/F; 2
.5 ML/TUBE
  2  TIMOLOL MALEATE 0.25% OPH SOLN        OP101          NATL REVIEW; 5 M
L/BT (IEN)
  3  TIMOLOL MALEATE 0.5% OPH GEL          OP101      N/F          NATL N/F; 2.
5 ML/TUBE (IEN)
  4  TIMOLOL MALEATE 0.5% OPH SOLN        OP101          NATL REVIEW; 5 ML
/BT (IEN)
CHOOSE 1-4: 4  TIMOLOL MALEATE 0.5% OPH SOLN      OP101          NATL REVIEW;
5 ML/BT (IEN)

                TIMOLOL MALEATE 0.5% OPH SOLN
=====
VA PRINT NAME:   TIMOLOL MALEATE 0.5% OPH SOLN          CMOP ID#: T0056
VA PRODUCT NAME: TIMOLOL MALEATE 0.5% SOLN,OPH          CMOP DISPENSE: NO
ORDERABLE ITEM:  TIMOLOL SOLN,OPH                       NDF DF: SOLN,OPH
ORDERABLE ITEM TEXT:

SYNONYM(S):     TIMOPTIC 0.5%                          Trade Name
                T/5                                     Quick Code
                T.5                                     Quick Code
                024208032405                             Drug Accountability
                1677                                      Quick Code

MESSAGE: NATL REVIEW; 5 ML/BT (IEN)
-----
DEA, SPECIAL HDLG: 6P                                NDC:          61314-227-05
CS FEDERAL SCHEDULE:
INACTIVE DATE:
QUANTITY DISPENSE MESSAGE: ML (5/BT)

```

```

-----
ORDER UNIT:          BT          PRICE/ORDER UNIT:      1.45
DISPENSE UNIT:      ML          VA DISPENSE UNIT:    ML
DISPENSE UNITS/ORDER UNIT: 5      PRICE/DISPENSE UNIT:  0.2900
APPL PKG USE:      Outpatient  Unit Dose
STRENGTH:          UNIT:
POSSIBLE DOSAGES:
LOCAL POSSIBLE DOSAGES:
  LOCAL POSSIBLE DOSAGE: 1 DROP          PACKAGE: IO
  BCMA UNITS PER DOSE: 1
  LOCAL POSSIBLE DOSAGE: 2 DROPS        PACKAGE: IO
  BCMA UNITS PER DOSE: 1
-----
VA CLASS: OP101  BETA-BLOCKERS, TOPICAL OPHTHALMIC
LOCAL NON-FORMULARY:      VISN NON-FORMULARY:
National Formulary Indicator: YES
National Restriction:
Local Drug Text:

```

Figure 2-20: Example 1: Lookup Drug

```

Select Pharmacy Data Management Option: LOOKUP INTO Dispense Drug File
Select DRUG GENERIC NAME: LOVASTATIN 20MG TAB CV350 N/F

RESTRICTED TO CARDIOLOGY SERVICE
LOVASTATIN 20MG TAB
=====
VA PRINT NAME: LOVASTATIN 20MG TAB CMOP ID#: L0060
VA PRODUCT NAME: LOVASTATIN 20MG TAB CMOP DISPENSE: YES
ORDERABLE ITEM: LOVASTATIN TAB (N/F) NDF DF: TAB
ORDERABLE ITEM TEXT:
Refer to PBM/MAP Hyperlipidemia treatment guidelines for use.
SYNONYM (S): MEVACOR Trade Name
MESSAGE: THIS IS RESTRICTED TO CARDIOLOGY SERVICE
-----
DEA, SPECIAL HDLG: 6 NDC: 000006-0731-82
CS FEDERAL SCHEDULE:
INACTIVE DATE:
QUANTITY DISPENSE MESSAGE: DISPENSE IN 30'S
WARNING LABEL: WITH FOOD
-----
ORDER UNIT: BT PRICE/ORDER UNIT: 50
DISPENSE UNIT: TAB VA DISPENSE UNIT: TAB
DISPENSE UNITS/ORDER UNIT: 100 PRICE/DISPENSE UNIT: 0.500
APPL PKG USE: Outpatient Unit Dose
-----
VA CLASS: CV350 ANTILIPEMIC AGENTS
LOCAL NON-FORMULARY: N/F VISN NON-FORMULARY: N/F
National Formulary Indicator: YES
FORMULARY ALTERNATIVES: SIMVASTATIN 20MG TAB
PRAVASTATIN 20MG TAB
National Restriction:
(Refer to PBM/MAP Hyperlipidemia treatment guidelines for use)
Local Drug Text:

```

Figure 2-21: Example 2: Lookup into Dispense Drug File

```

Select DRUG GENERIC NAME: GINKO TAB/CAP          HA000      N/F

          ginko tab/cap
-----

VA PRODUCT NAME: GINKGO EXT 60MG TAB
ORDERABLE ITEM:  ginko TAB (N/F)                NDF DF: TAB
ORDERABLE ITEM TEXT:

SYNONYM(S):
MESSAGE:
-----

DEA, SPECIAL HDLG:                               NDC:
CS FEDERAL SCHEDULE:
INACTIVE DATE:
-----

ORDER UNIT:                                     PRICE/ORDER UNIT:
DISPENSE UNIT:                                  PRICE/DISPENSE UNIT:
DISPENSE UNITS/ORDER UNIT:
APPL PKG USE:  Non-VA Med
STRENGTH:                                         UNIT:
POSSIBLE DOSAGES:
LOCAL POSSIBLE DOSAGES:
-----

VA CLASS:
LOCAL NON-FORMULARY: N/F                        VISN NON-FORMULARY:
National Formulary Indicator: Not Matched to NDF

```

Figure 2-22: Example 3: Lookup Drug Looking Up a Non-VA Med

2.6 Medication Instruction File Add/Edit

[PSSJU MI]

The *Medication Instruction File Add/Edit* option allows the user to enter and edit abbreviations and expansions in the MEDICATION INSTRUCTION file (#51) and to “flag” those entries for use by the Inpatient Medications package only, Outpatient Pharmacy package only, or both. The expansions in the MEDICATION INSTRUCTION file (#51) expand the Schedule and Patient Instructions when building the SIG. The Inpatient Medications package contains a field called SPECIAL INSTRUCTIONS that utilizes these abbreviations and expansions when printing various reports. Additionally, the Outpatient Pharmacy package utilizes these abbreviations for expansions when building the prescription SIG.

The *Medication Instruction File Add/Edit* option allows the user to enter the expansion in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE EXPANSION field, PDM defaults to the value entered in the EXPANSION field. If no values exist in the EXPANSION and OTHER LANGUAGE EXPANSION fields, an EXPANSION value will not print when Outpatient Pharmacy builds the SIG. It is recommended that the OTHER LANGUAGE EXPANSION field not be used initially to avoid a problem with printing confusing prescription labels.

```
Select Pharmacy Data Management Option: MEDICATION INSTRUCTION File Add/Edit

Select MEDICATION INSTRUCTION NAME: HS      AT BEDTIME
NAME: HS// <Enter>
SYNONYM: QHS// <Enter>
EXPANSION: AT BEDTIME// <Enter>
OTHER LANGUAGE EXPANSION:
PLURAL: <Enter>
INTENDED USE: IN & OUTPATIENT// <Enter>
FREQUENCY (IN MINUTES): 1440// <Enter>
```

Figure 2-23: Example: Edit Frequency in Medication Instruction File

2.7 Medication Route File Enter/Edit

[PSS MEDICATION ROUTES EDIT]

The *Medication Route File Enter/Edit* option provides the ability to enter and edit data in the MEDICATION ROUTES file (#51.2). Medication routes may be designated for use in all packages or for use only in the National Drug File package. If an Outpatient Pharmacy expansion has been entered at the “OUTPATIENT EXPANSION” prompt, the Outpatient Pharmacy expansion portion of the medication route will appear as part of the SIG on the prescription label exactly as the Outpatient Pharmacy expansion was entered in MEDICATION ROUTES file (#51.2). The IV FLAG field in the MEDICATION ROUTES file (#51.2) is used to determine that the order can be processed through the IV Package.

The *Medication Route File Enter/Edit* option allows the user to enter an interpretation of the OUTPATIENT EXPANSION field in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE EXPANSION field, PDM will default to the value entered in the OUTPATIENT EXPANSION field. If no values exist in the OUTPATIENT EXPANSION and OTHER LANGUAGE EXPANSION fields, the system will not display default values for those fields during EHR or Outpatient Pharmacy prescription order entry processing. However, when building the SIG, Outpatient Pharmacy will default to the value the user input during order entry. See Appendix G for a list of Spanish equivalents for some of the more common medication routes.

Example 1 demonstrates how to enter a new medication route.

```
Select MEDICATION ROUTES NAME: SUBCUTANEOUS      SC
NAME: SUBCUTANEOUS// <Enter>
ABBREVIATION: SC// <Enter>
PACKAGE USE: ALL PACKAGES// <Enter>
OUTPATIENT EXPANSION: SUBCUTANEOUSLY// <Enter>
OTHER LANGUAGE EXPANSION:
IV FLAG: YES// <Enter>
```

Figure 2-24: Example 1: Enter Medication Route File

Text can be entered to edit the existing entries for a medication route, as demonstrated in Example 2 below. Since no value exists in the OTHER LANGUAGE EXPANSION database and the user did not enter a translation, the OUTPATIENT EXPANSION value will print on the patient's prescription label by default.

```
Select MEDICATION ROUTES NAME: SUBLINGUAL      SL
NAME: SUBLINGUAL// <Enter>
ABBREVIATION: SL// <Enter>
PACKAGE USE: ALL PACKAGES// <Enter>
OUTPATIENT EXPANSION: UNTIL DISSOLVED// UNDER THE TONGUE UNTIL DISSOLVED
OTHER LANGUAGE EXPANSION:<Enter>
IV FLAG:
```

Figure 2-25: Example 2: Medication Route File Edit

If the text to be replaced is more than 29 characters, the "REPLACE" prompt will automatically appear. Replacement text for shorter text entries may be entered after the double slashes. Some files may be set up to refuse deletions, depending on the site's File Manager setup.

```
Select MEDICATION ROUTES NAME: NEW INHALATION MED ROUTE EXAMPLE      NIMRE
NAME: NEW INHALATION MED ROUTE EXAMPLE      Replace @
      DELETIONS ARE NOT ALLOWED!??      Required
NAME: NEW INHALATION MED ROUTE EXAMPLE      Replace ... With <Enter>
      Replace <Enter>

      DELETIONS ARE NOT ALLOWED!??      Required
NAME: NEW INHALATION MED ROUTE EXAMPLE      Replace <Enter>
ABBREVIATION: NIMRE// <Enter>
PACKAGE USE: NATIONAL DRUG FILE ONLY// <Enter>
OUTPATIENT EXPANSION: AS NEEDED// <Enter>
OTHER LANGUAGE EXPANSION: <Enter>
IV FLAG: <Enter>
```

Figure 2-26: Example 3: Medication Route File Deletions Not Allowed

2.8 Orderable Item Management

[PSS ORDERABLE ITEM MANAGEMENT]

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

2.8.1 Edit Orderable Items

[PSS EDIT ORDERABLE ITEMS]

The *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 EHR, 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* option allows the user to enter patient instructions in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE INSTRUCTIONS field, PDM will default to the value entered in the PATIENT INSTRUCTIONS field. If the PATIENT INSTRUCTIONS field does not contain data for the selected orderable item, the system will not present default patient instructions to the user during CPRS or Outpatient Pharmacy prescription order processing. However, when building the SIG, Outpatient Pharmacy will default to the value the user input through backdoor Outpatient Pharmacy order entry. It is recommended that the OTHER LANGUAGE INSTRUCTIONS field not be used initially to prevent a problem with printing confusing instructions on the prescription label.

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

This option enables you to edit Orderable Item names, Formulary status,
drug text, Inactive Dates, and Synonyms.

Select PHARMACY ORDERABLE ITEM NAME: IBUPROFEN 800MG TAB
DISPENSE DRUG: IBUPROFEN 800MG TAB          MS102
IBUPROFEN 800MG TAB is already matched to
    IBUPROFEN TAB

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

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

    Disp. drug -> IBUPROFEN 800MG TAB
1  IBUPROFEN TAB

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

Matching IBUPROFEN 800MG TAB
    To
IBUPROFEN TAB

Is this OK? YES// <Enter>
```



```
Match Complete!

  Now editing Orderable Item:
  IBUPROFEN  TAB

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: 7D// <Enter>
MED ROUTE: <Enter>
SCHEDULE TYPE: PRN// <Enter>
SCHEDULE: BID// <Enter>
PATIENT INSTRUCTIONS: WF// <Enter>
OTHER LANGUAGE INSTRUCTIONS:

Select SYNONYM: <Enter>
```

Figure 2-27: Example: Editing Pharmacy Orderable Items

2.8.2 Dispense Drug/Orderable Item Maintenance

[PSS MAINTAIN ORDERABLE ITEMS]

The *Dispense Drug/Orderable Item Maintenance* option is used for maintaining the relationship between Dispense Drugs and Pharmacy Orderable Items. Entries made at the Pharmacy Orderable Item prompts will be used by the Outpatient Pharmacy, Inpatient Medications, and EHR packages as defaults during the medication order entry processes. If no entries are made at the “MED ROUTE” and “SCHEDULE TYPE” prompts, the software will assume the defaults of PO (oral) and CONTINUOUS, respectively.

The *Dispense Drug/Orderable Item Maintenance* option allows the user to enter patient instructions in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE INSTRUCTIONS field, PDM will default to the value entered in the PATIENT INSTRUCTIONS field. If the PATIENT INSTRUCTIONS field does not contain data for the selected orderable item, the system will not present default patient instructions to the user during EHR or Outpatient Pharmacy prescription order processing. . However, when building the SIG, Outpatient Pharmacy will default to the value the user input through backdoor Outpatient Pharmacy order entry. It is recommended that the OTHER LANGUAGE INSTRUCTIONS field not be used initially to prevent a problem with printing confusing instructions on the prescription label.

```
Select Orderable Item Management Option:  Dispense Drug/Orderable Item Maintenance

This option enables you to match Dispense Drugs to an entry in the Pharmacy
Orderable Item file, or create a new Pharmacy Orderable Item entry for a
Dispense Drug.
```

```

DISPENSE DRUG: IBUPROFEN 800MG TAB          MS102
IBUPROFEN 800MG TAB is already matched to
      IBUPROFEN TAB
Do you want to match to a different Orderable Item? NO// YES
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
      Disp. drug -> IBUPROFEN 800MG TAB
1  IBUPROFEN TAB
Choose number of Orderable Item to match, or '^' to enter a new one:  1
Matching IBUPROFEN 800MG TAB
      to
IBUPROFEN TAB
Is this OK? YES// <Enter>
Match Complete!
      Now editing Orderable Item:
      IBUPROFEN  TAB
This Orderable Item is Formulary.
Select OI-DRUG TEXT ENTRY: <Enter>
INACTIVE DATE: <Enter>
DAY (nD) or DOSE (nL) LIMIT: 7D// <Enter>
MED ROUTE: <Enter>
SCHEDULE TYPE: PRN//<Enter>
SCHEDULE: BID// <Enter>
PATIENT INSTRUCTIONS:  WF// <Enter>
OTHER LANGUAGE INSTRUCTIONS: CON ALIMENTO
Select SYNONYM: <Enter>

```

Figure 2-28: Example: Dispense Drug/Orderable Item Maintenance

2.8.3 Orderable Item/Dosages Report

[PSS ORDERABLE ITEM DOSAGES]

The *Orderable Item/Dosages Report* option prints a report that displays Inpatient Medication and Outpatient Pharmacy dosages for each Pharmacy Orderable Item. These are the dosages that will display for selection through CPRS when an Orderable Item is selected through EHR at the time an Orderable Item is selected for a medication order. Due to the length of this report, it must be queued to a printer.

This option prints a report, sorted by Pharmacy Orderable Item, that displays Inpatient Medication and Outpatient Pharmacy dosages for Pharmacy Orderable Items. These dosages will display for selection through EHR when an Orderable Item is selected for a medication order. Along with each dosage that is displayed on the report, the name of the drug entry from the DRUG file (#50) that provided the dosage is displayed.

Not every dosage from the DRUG file (#50) will display on this report. For example, if there are duplicate Possible Dosages for a Pharmacy Orderable Item, and there are different Dispense Units Per Dose, only the Possible Dosage with the lowest Dispense Units Per Dose will display on the report. If there are package specific Possible Dosages and Local Possible Dosages for drugs tied to the Pharmacy Orderable Item, only the Possible Dosages will display on the report because Possible Dosages always override Local Possible Dosages.

In summary, this report will screen out Possible Dosages and Local Possible Dosages when appropriate, so only the dosages selectable through EHR will display on this report. Additionally, the report will display in parenthesis the dosage as it will appear on the Outpatient Pharmacy prescription label, if the dosage is a Possible Dosage.

```
Select Orderable Item Management Option: ORderable Item/Dosages Report

  Select one of the following:

      A          ALL
      S          SELECT A RANGE

Print Report for (A)ll or (S)elect a Range: S// <Enter> ELECT A RANGE

There are entries in the Orderable Item file with leading numerics.

Print report for Orderable Items with leading numerics? N//<Enter> O

To see items beginning with the letter 'A', enter 'A', or whichever letter you
wish to see. To see items in a range, for example items starting with the
letters 'G', 'H', 'I' and 'J', enter in the format 'G-J'.

Select a Range: C

Report will be for items starting with the letter C,
and ending with items starting with the letter C.

Is this correct? Y// <Enter> ES

DEVICE: HOME//   DECSERVER

Dosage report for Orderable Items from C through C                                PAGE: 1
-----
CAFFEINE/ERGOTAMINE  TAB
  Inpatient Dosages:
    1 TABLET          ERGOTAMINE & CAFFEINE TAB
    2 TABLETS        ERGOTAMINE & CAFFEINE TAB
  Outpatient Dosages:
    1 TABLET          ERGOTAMINE & CAFFEINE TAB
    2 TABLETS        ERGOTAMINE & CAFFEINE TAB

CALCITONIN  INJ,SOLN
  Inpatient Dosages:
    200UNT/1ML        CALCITONIN-SALMON 400 MRC UNITS
    400UNT/2ML        CALCITONIN-SALMON 400 MRC UNITS
  Outpatient Dosages:
                                CALCITONIN-SALMON 400 MRC UNITS

CALCITRIOL  CAP,ORAL
```

Inpatient Dosages:		
0.25MCG		CALCITRIOL 0.25MCG CAP
0.5MCG		CALCITRIOL 0.25MCG CAP
Outpatient Dosages:		
0.25MCG (1 CAPSULE)		CALCITRIOL 0.25MCG CAP
0.5MCG (2 CAPSULES)		CALCITRIOL 0.25MCG CAP
CALCIUM INJ,CONC		
Outpatient Dosages:		CALCIUM CHLORIDE 1GM/10ML INJ.
CALCIUM CARBONATE POWDER		
Outpatient Dosages:		CALCIUM CARBONATE PWD
CALCIUM CARBONATE/SODIUM FLUORIDE CAP,ORAL		
Outpatient Dosages:		
1 CAPSULE		FLORICAL CAPS
2 CAPSULES		FLORICAL CAPS
CALCIUM CHLORIDE INJ,SOLN		
Outpatient Dosages:		CALCIUM GLUCONATE 10% INJ
CALCIUM CHLORIDE INJ,CONC		
Outpatient Dosages:		CALCIUM CHLORIDE 10% 10ML B.J.
CALCIUM GLUBIONATE SYRUP		
Outpatient Dosages:		
1 TEASPOONFUL		NEO-CALGLUCON SYRUP (OZ)
2 TEASPOONFULS		NEO-CALGLUCON SYRUP (OZ)
1 TABLESPOONFUL		NEO-CALGLUCON SYRUP (OZ)
2 TABLESPOONFULS		NEO-CALGLUCON SYRUP (OZ)
1 ML		NEO-CALGLUCON SYRUP (OZ)
2 MLS		NEO-CALGLUCON SYRUP (OZ)
CALCIUM LACTATE POWDER		
Outpatient Dosages:		CALCIUM LACTATE POWDER USP
CAMPHOR LIQUID		
Outpatient Dosages:		CAMPHOR SPIRITS 30ML
CANDIDA ALBICANS INJ		
Outpatient Dosages:		CANDIDA ALBICANS 1:100 INJ
CANNULA, NASAL DEVICE		
Outpatient Dosages:		CANNULA, NASAL (HUDSON)
CAPTOPRIL TAB		
Inpatient Dosages:		
25MG		CAPTOPRIL 25MG TABS
50MG		CAPTOPRIL 50MG TABS
100MG		CAPTOPRIL 100MG TABS
200MG		CAPTOPRIL 100MG TABS
Outpatient Dosages:		
25MG (1 TABLET)		CAPTOPRIL 25MG TABS
50MG (1 TABLET)		CAPTOPRIL 50MG TABS
100MG (1 TABLET)		CAPTOPRIL 100MG TABS
200MG (2 TABLETS)		CAPTOPRIL 100MG TABS
CARBACHOL SOLN,OPH		

Inpatient Dosages:	
1 DROP	CARBACHOL 1.5% OPHT. SOL.
2 DROPS	CARBACHOL 1.5% OPHT. SOL.
1 DROP	CARBACHOL 0.75% OPHTH SOLUTION
2 DROPS	CARBACHOL 0.75% OPHTH SOLUTION
1 DROP	CARBACHOL 3% OPHTH SOLUTION
2 DROPS	CARBACHOL 3% OPHTH SOLUTION
Outpatient Dosages:	
1 DROP	CARBACHOL 1.5% OPHT. SOL.
2 DROPS	CARBACHOL 1.5% OPHT. SOL.
1 DROP	CARBACHOL 0.75% OPHTH SOLUTION
2 DROPS	CARBACHOL 0.75% OPHTH SOLUTION
1 DROP	CARBACHOL 3% OPHTH SOLUTION
2 DROPS	CARBACHOL 3% OPHTH SOLUTION
CARBAMAZEPINE TAB,ORAL	11/13/00
CARBENICILLIN TAB	
Inpatient Dosages:	
382MG	CARBENICILLIN 382MG TAB
764MG	CARBENICILLIN 382MG TAB
CARBIDOPA/LEVODOPA TAB	
Inpatient Dosages:	
1 TABLET	CARBIDOPA/LEVODOPA 25/100 S.T.
2 TABLETS	CARBIDOPA/LEVODOPA 25/100 S.T.
1 TABLET	CARBIDOPA/LEVODOPA 25/250 S.T.
2 TABLETS	CARBIDOPA/LEVODOPA 25/250 S.T.
Outpatient Dosages:	
1 TABLET	CARBIDOPA/LEVODOPA 25/100 S.T.
2 TABLETS	CARBIDOPA/LEVODOPA 25/100 S.T.
1 TABLET	CARBIDOPA/LEVODOPA 25/250 S.T.
2 TABLETS	CARBIDOPA/LEVODOPA 25/250 S.T.
CARMUSTINE INJ,SOLN	
Inpatient Dosages:	
100MG/1VIAL	CARMUSTINE 100MG/VIAL INJ
200MG/2VIAL	CARMUSTINE 100MG/VIAL INJ
Outpatient Dosages:	
	CARMUSTINE COMB.PK
	CARMUSTINE 100MG/VIAL INJ
CAROTENE,BETA CAP,ORAL	
Inpatient Dosages:	
Select Orderable Item Management Option:	

Figure 2-29: Example: Orderable Item Dosages Report

2.8.4 Patient Instructions Report

[PSS INSTRUCTIONS/ITEMS REPORT]

The *Patient Instructions Report* option prints a report that displays Pharmacy Orderable Items, along with the expanded Patient Instructions for each Pharmacy Orderable Item. These Patient Instructions are used as default values for Outpatient Pharmacy orders entered through EHR and Outpatient Pharmacy. This report can be

printed to display all Pharmacy Orderable Items or only Orderable Items with associated Patient Instructions.

```
Select Pharmacy Data Management Option: OR
  1  Orderable Item Management
  2  Orderable Item Report
CHOOSE 1-2: 1  Orderable Item Management

Select Orderable Item Management Option: PATient Instructions Re
port

    Select one of the following:

        A      ALL
        S      SELECT A RANGE

Print Report for (A)ll or (S)elect a Range: S// <Enter> ELECT A RANGE

There are entries in the Orderable Item file with leading numerics.
Print report for Orderable Items with leading numerics? N// <Enter> 0

To see items beginning with the letter 'A', enter 'A', or whichever letter you
wish to see. To see items in a range, for example items starting with the
letters 'G', 'H', 'I' and 'J', enter in the format 'G-J'.

Select a Range: N

Report will be for items starting with the letter N,
and ending with items starting with the letter N.

Is this correct? Y//<Enter> ES

Should report only include Orderable Items with Patient Instructions? Y// <Enter>
ES

DEVICE: HOME//  TELNET DEVICE

Instructions report for items from N through N                                PAGE: 1
-----

NAPROXEN  TAB
  WITH FOOD

NITROGLYCERIN  TAB,SUBLINGUAL
  FOR CHEST PAIN-CALL PHYSICIAN IF NO RELIEF AFTER 3 DOSES

End of Report.
Press Return to continue:

Select Orderable Item Management Option:
```

Figure 2-30: Example: Patient Instructions Report

2.9 Orderable Item Report

[PSS ORDERABLE ITEM REPORT]

The *Orderable Item Report* option lists items from the PHARMACY ORDERABLE ITEM file (#50.7), along with the associated Dispense Drugs. Due to the length of this report it must be queued to a printer.

```
Select Pharmacy Data Management Option: ORDER
  1  Orderable Item Management
  2  Orderable Item Report
CHOOSE 1-2: 2  Orderable Item Report

  Select one of the following:

      M      Drugs that are matched
      N      Drugs that are not matched

Enter M to see all the IV Solutions, IV Additives, and Dispense Drugs that
are matched to an Orderable Item. Enter N to see all IV Additives, IV
Solutions, and Dispense Drugs that are not matched to an Orderable Item.

Enter M or N: M  Drugs that are matched

** WARNING **  THIS REPORT MAY BE VERY LONG  ** WARNING **

Due to the length of this report, and to avoid tying up a terminal for a long
time, this report must be QUEUED to a printer!

This report must be QUEUED to a printer!

DEVICE: Printer 1

Requested Start Time: NOW//  (JUL 18, 2001@13:59:39)

ORDERABLE ITEM - DISPENSE DRUG  (MATCHED REPORT)                                PAGE: 1
-----
(853) A-FIL  CREAM, TOP
(1215) Dispense Drug -> A-FIL CREAM 45GM
-----
(2798) ABACAVIR(ZIAGEN)  TAB
(4508) Dispense Drug -> ABACAVIR (ZIAGEN) 300MG TAB UD
-----
(2229) ABCIXIMAB  INJ, SOLN
(3912) Dispense Drug -> ABCIXIMAB (REOPRO) 2MG/ML INJ
-----
(1833) ABDOMINAL  PAD
(25)  Dispense Drug -> PAD, ABDOMINAL 7.5 X 8 STERILE
(2577) Dispense Drug -> PADS ABDOMINAL 5X9
(3276) Dispense Drug -> COTTON WADDING
-----
(1944) ABDOMINAL BINDER  BELT
(2743) Dispense Drug -> ABDOMINAL BINDER
-----
(2101) ACARBOSE  TAB
(3764) Dispense Drug -> ACARBOSE (PRECOSE) 50MG TAB
(3765) Dispense Drug -> ACARBOSE (PRECOSE) 25MG TAB
-----
(1) ACEBUTOLOL  CAP, ORAL
(577)  Dispense Drug -> ACEBUTOLOL 200MG CAP
```

(3335) Dispense Drug -> ACEBUTOLOL 400MG CAP

(1629) ACETAMINOPHEN TAB
(263) Dispense Drug -> ACETAMINOPHEN 325MG TAB
(2730) Dispense Drug -> ACETAMINOPHEN 325MG TAB UD
(4429) Dispense Drug -> ZTEST

(2663) ACETAMINOPHEN ELIXIR
(2564) Dispense Drug -> ACETAMINOPHEN LIQ 650MG/20.3ML U.D. CUP

(1681) ACETAMINOPHEN LIQUID,ORAL
(494) Dispense Drug -> ACETAMINOPHEN LIQ 160MG/5ML 4OZ
(1723) Dispense Drug -> ACETAMINOPHEN 500MG/15CC ELIXIR

(4) ACETAMINOPHEN SUPP,RTL
(264) Dispense Drug -> ACETAMINOPHEN 650MG RTL SUPP

(2117) ACETAMINOPHEN/BUTALBITAL/CAFFEINE CAP,ORAL
(3295) Dispense Drug -> APAP 325MG/BUTALBITAL 50MG/CAFN 40MG CAP

(6) ACETAMINOPHEN/CHLORZOXAZONE TAB
(1808) Dispense Drug -> CHLORZOXAZONE & ACETAMINOPHEN TAB

(8) ACETAMINOPHEN/CODEINE TAB
(341) Dispense Drug -> ACETAMINOPHEN WITH CODEINE 60MG
(342) Dispense Drug -> ACETAMINOPHEN WITH CODEINE 30MG TAB
(343) Dispense Drug -> ACETAMINOPHEN WITH CODEINE 15MG TAB
(2029) Dispense Drug -> ACETAMIN W/CODEINE 30MG(TYLENOL#3)TAB UD

(7) ACETAMINOPHEN/CODEINE ELIXIR
(228) Dispense Drug -> ACETAMINOPHEN AND CODEINE ELIXIR (ML)
(401) Dispense Drug -> ACETAMIN W/CODEINE 30MG/12.5ML LIQ UD

(9) ACETAMINOPHEN/HYDROCODONE CAP,ORAL
(1728) Dispense Drug -> HYDROCODONE/ACETAMINOPHEN (LORCET-HD)

(10) ACETAMINOPHEN/HYDROCODONE TAB
(3293) Dispense Drug -> HYDROCODONE 5MG/ACETAMINOPHEN 500MG TAB
(4099) Dispense Drug -> HYDROCODONE 7.5MG/ACETAMINOPHEN 750MG TB

(1762) ACETAMINOPHEN/HYDROCODONE LIQUID,ORAL
(1572) Dispense Drug -> HYDROCODONE/ACETAMIN 2.5MG/167MG/5ML LIQ

(2730) ACETAMINOPHEN/OXYCODONE CAP,ORAL
(344) Dispense Drug -> ACETAMINOPHEN & OXYCODONE (TYLOX) CAP

(2614) ACETAMINOPHEN/OXYCODONE TAB
(1452) Dispense Drug -> OXYCODONE /ACETAMINOPHEN (PERCOCET) TAB
(1510) Dispense Drug -> ACETAMIN W/OXYCODONE 5MG(PERCOCET)TAB UD

(12) ACETAZOLAMIDE CAP,SA
(639) Dispense Drug -> ACETAZOLAMIDE 500MG T.R.C.
(2599) Dispense Drug -> ACETAZOLAMIDE 500MG CAP,SA

(13) ACETAZOLAMIDE INJ
(640) Dispense Drug -> ACETAZOLAMIDE NA 500MG/VIL INJ

(14) ACETAZOLAMIDE TAB
(638) Dispense Drug -> ACETAZOLAMIDE 250MG TAB

(2156) ACETIC ACID LIQUID
(2506) Dispense Drug -> DOUCHE VAGINAL (VINEGAR)
(4184) Dispense Drug -> ACETIC ACID 5%

(18) ACETIC ACID SOLN,OTIC
(1665) Dispense Drug -> ZZACETIC ACID 2% (VOSOL) SOLN,OTIC 30ML
(4113) Dispense Drug -> ACETIC ACID 2% (VOSOL) OTIC SOLN (15)


```

-----
(17) ACETIC ACID SOLN,IRRG
(675) Dispense Drug -> ACETIC ACID 0.25% SOLN,IRRG
(4108) Dispense Drug -> ACETIC ACID 0.25% IRRG SOLN
-----
(2201) ACETIC ACID,GLACIAL LIQUID
(1185) Dispense Drug -> ACETIC ACID,GLACIAL LIQUID
-----
(15) ACETIC ACID/ALUMINUM ACETATE SOLN,OTIC
(1193) Dispense Drug -> DOMEBORO SOLN,OTIC
-----
(16) ACETIC ACID/HYDROCORTISONE SOLN,OTIC
(1881) Dispense Drug -> ZZACETIC ACID/HYDROCORT (VOSOL HC) OTIC
(4112) Dispense Drug -> ACETIC ACID/HYDROCORT(VOSOL HC) OTIC(10)
-----
(19) ACETOHEXAMIDE TAB
(951) Dispense Drug -> ACETOHEXAMIDE 250MG TAB
(952) Dispense Drug -> ACETOHEXAMIDE 500MG TAB
-----
(20) ACETONE LIQUID
(1292) Dispense Drug -> ACETONE 1PT
-----
(21) ACETOPHENAZINE MALEATE TAB
(383) Dispense Drug -> ACETOPHENAZINE MALEATE 20MG TAB
-----
(22) ACETYLCHOLINE CHLORIDE SOLN,OPH
(749) Dispense Drug -> ACETYLCHOLINE CL 1% SOLN,OPH
(2118) ACETYLCYSTEINE 10% SOLN,OPH
(225) Dispense Drug -> ACETYLCYSTEINE 10% OPH DROPS 10ML
-----
(2119) ACETYLCYSTEINE 10% SOLN,INHL
(173) Dispense Drug -> ACETYLCYSTEINE 10% INHL SOLN (10)
-----
(23) ACETYLCYSTEINE 20% SOLN,INHL
(1218) Dispense Drug -> ACETYLCYSTEINE 20% INHL SOLN (30)
(1634) Dispense Drug -> ZZACETYLCYSTEINE 20% SOLN 10ML VI
(4476) Dispense Drug -> ACETYLCYSTEINE 20% INHL SOLN (10)
-----
(2443) ACITRETIN CAP,ORAL
(4193) Dispense Drug -> ACITRETIN 25MG CAP
(4317) Dispense Drug -> ACITRETIN 10MG CAP
-----
(1881) ACRIVASTINE/PSEUDOEPHEDRINE CAP,ORAL
(3490) Dispense Drug -> ACRIVASTINE 8/PSEUDOEPHEDRINE 60MG CAP
-----
(2631) ACTIVE LIFE (0227-71) POUCH
(4254) Dispense Drug -> POUCH,OSTOMY,ACTIVE LIFE C#0227-71
-----
(24) ACYCLOVIR INJ
(3045) Dispense Drug -> ACYCLOVIR (ZOVIRAX) 500MG INJ
(43) Additive -> ACYCLOVIR (ZOVIRAX)
-----
(2522) ACYCLOVIR TAB
(2154) Dispense Drug -> ACYCLOVIR (ZOVIRAX) 800MG TAB
(4308) Dispense Drug -> ACYCLOVIR 800MG UD TAB
-----
(28) ACYCLOVIR OINT, TOP
(2443) Dispense Drug -> ZZACYCLOVIR 5% (ZOVIRAX) OINT, TOP 15GM
(4221) Dispense Drug -> ACYCLOVIR 5% OINTMENT (15)
-----
(26) ACYCLOVIR CAP,ORAL
(2600) Dispense Drug -> ACYCLOVIR (ZOVIRAX) 200MG CAPS
-----
(25) ACYCLOVIR SUSP
(3522) Dispense Drug -> ACYCLOVIR (ZOVIRAX) SUSP 800MG/20ML
-----
(29) ADAPETTES SOLN,OPH

```

(2271) Dispense Drug -> ADAPETTES (15ML)

(1945) ADAPTER MISCELLANEOUS
(2676) Dispense Drug -> ADAPTER FOR URINE BAG

(2017) ADAPTER, JEJUNOSTOMY ADAPTER

Figure 2-31: Example: Orderable Item Report

2.10 Formulary Information Report

[PSS NFI]

The *Formulary Information Report* option provides a listing of pertinent Pharmacy formulary information. The report is organized alphabetically by Dispense Drug but will also display the Pharmacy Orderable Item to which the Dispense Drug is matched. An “N” in a column indicates that the Dispense Drug is marked non-formulary at that level (Local, VISN, or National). If the Dispense Drug is restricted, an “R” appears in the appropriate column.

The Application Package Use indicator is also displayed on the report. If the user selects to include drug text in the report, an “I” will appear in the appropriate column to indicate drugs for which drug text information has been identified in the DRUG file (#50).

```
Select Pharmacy Data Management Option: Formulary Information Report

This report shows the dispense drugs and orderable items
with the formulary information associated with them.

Select one of the following:

      A          ALL
      S          SELECT A RANGE

Print Report for (A)ll or (S)elect a Range: S// <Enter>  ELECT A RANGE

To see drugs beginning with the letter 'A', enter 'A', or whichever letter you
wish to see. To see drugs in a range, for example drugs starting with the
letters 'G', 'H', 'I' and 'J', enter in the format 'G-J'.

Select a Range: S

You have the choice to print the drug text information.
If you answer "yes" to the question, you will print all the drug text
information for both dispense drug and orderable items.
If you answer "no", you will print only formulary designations.

This report requires 132 columns.

You may queue the report to print, if you wish.

Include drug text information ? NO// YES

Report will be for drugs starting with the letter S,
and ending with drugs starting with the letter S.
```

```

Is this correct? Y// <Enter> ES
DEVICE: HOME// ;C-VT132 TELNET DEVICE

                Formulary Information Report for Drugs from S through S
Date printed: JUN 25,2001                                Page: 23
Generic Name          Local   Visn   National   Restriction   Appl   Drug
                   Pkg     Use     Use     Use          Pkg    Text
                   Use
-----
STANOZOLOL 2MG                                UO
  Orderable Item: XXX TAB
STERI-STRIPS                                O
  Orderable Item: STERI STRIP
STERILE GLOVES                                O
  Orderable Item: STERILE GLOVE
STOMA CENTERING GUIDE                        O
  Orderable Item: STOMA CENTERING GUIDE MISCELLANEOUS
STOMA GUIDE STRIP SG-603                     O
  Orderable Item: STOMA GUIDE STRIP
STOMAHESIVE COVERING 4X4 5S                  O
  Orderable Item: COVERING STOMA CAP
STRAP, MONTGOMERY                             O
  Orderable Item: MONTGOMERY STRAP DEVICE
STREPTOKINASE 250,000 IU 6.5ML              UO      I
  Orderable Item: STREPTOKINASE INJ
STREPTOKIONASE 750,000 UN INJ                UO      I
  Orderable Item: STREPTOKINASE INJ
STREPTOMYCIN SULFATE 1GM INJ                 UO
  Orderable Item: STREPTOMYCIN INJ
STREPTOZOTOCIN INJ,1GM,ECOG                  O
  Orderable Item: STREPTOZOTOCIN INJ
SUCCINYCHOLINE 1000MG S.P.                   UO
  Orderable Item: SUCCINYLCHOLINE INJ,CONC-SOLN
SUCCINYCHOLINE 20MG/ML INJ                    R      UO
  Orderable Item: SUCCINYLCHOLINE INJ,SOLN
SUCRALFATE 1 GM TAB                           UO
  Orderable Item: SUCRALFATE TAB
SULFACETAMIDE 10% OPTH SOL 15ML              UO
  Orderable Item: SULFACETAMIDE SOLN,OPH
SULFACETAMIDE OPTH 10% OINT                  UO
  Orderable Item: SULFACETAMIDE OINT,OPH
Enter RETURN to continue or '^' to exit:

```

Figure 2-32: Example: Formulary Information Report

2.11 Drug Text Enter/Edit

[PSS EDIT TEXT]

The *Drug Text Enter/Edit* option enables you to enter and/or edit entries in the DRUG TEXT file (#51.7). This file contains drug information, restrictions, and guidelines. Some entries are nationally populated by National Drug File. Examples of Drug Text that sites may want to add are pediatric dosing guidelines by weight, statin comparison charts, and facility restrictions on use. The entries from National Drug File are for VA use only. They can't be deleted, but if they aren't associated with specific Dispense Drugs or Pharmacy Orderable Items, they will not display or cause any problems for IHS sites. Drug text can be tied to a Dispense Drug in DRUG file (#50), or it can be tied to a Pharmacy Orderable Item through the PHARMACY ORDERABLE ITEM file (#50.7). Drug text tied to a Pharmacy Orderable Item is viewable when a medication is selected in Outpatient Pharmacy and Inpatient Medications, if it has been tied to the Pharmacy Orderable Item or Dispense Drug. Do not tie drug text to both a Dispense Drug and its associated Pharmacy Orderable Item because this will prevent the Drug Text from being displayed in EHR.

Users must be using Screen Editor in order to be able to enter new Drug Text correctly. If the user is currently using Line Editor, this can be edited by the user through the User's Toolbox, Edit User Characteristics option.

The *Drug Text Enter/Edit* option also enables you to view or print a report which will display the Drug Text Name, Synonyms, Drug Text, Inactive date (if inactive), and to list all drug and Pharmacy orderable items linked to it. See section 1.13, "Drug Text File Report" for more information.

```
Select Pharmacy Data Management Option: DRUG TEXT
  1  Drug Text Enter/Edit
  2  Drug Text File Report
CHOOSE 1-2: 1  Drug Text Enter/Edit
This option enables you to edit entries in the DRUG TEXT file.

Select DRUG TEXT NAME: C
  1  CELECOXIB
  2  CHF II
  3  COPD
CHOOSE 1-3: 3  COPD

There may be entries in your DRUG file and PHARMACY ORDERABLE ITEM file linked
to this Drug Text Name. Editing information related to this Drug Text entry
will affect the display of information related to these.

Do you want to review the list of drugs and orderable items linked to this Drug
Text entry? ? YES// <Enter>

You may queue the report to print, if you wish.

DEVICE: HOME//  VIRTUAL  Right Margin: 80// <Enter>

Drug Text Report for drug text : COPD
```

```
Date printed: JUL 16,2002                                     Page: 1
=====
PLEASE NOTE: The National Formulary Restriction Text is the original text
exported with the DRUG TEXT file (#51.7) and automatically linked to the DRUG
file (#50) entries based on the VA product match. No ORDERABLE ITEM file
(#50.7) entries were automatically linked with DRUG TEXT file (#51.7).

DRUG TEXT NAME:  COPD

  DRUG TEXT:
  Refer to VA/DoD COPD treatment guidelines

  NATIONAL FORMULARY RESTRICTION TEXT:
  Refer to VA/DoD COPD treatment guidelines

  DRUG file entries:
  -----

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

                                Drug Text Report for drug text: COPD

Date printed: JUL 16,2002                                     Page: 2
=====

  DIGOXIN 0.125MG C.T.,
  THEOPHYLLINE 200MG SUS-REL TABS
  THEOPHYLLINE 100MG SUS-REL TABS

  ORDERABLE ITEM file entries:
  -----
  NONE
  -----

End of Report.
Press Return to continue: <Enter>

Do you want to edit the Drug Text Name? NO// <Enter>

IMPORTANT!! After editing the Drug Text Name OR Text, review the drugs and
            orderable items linked to this entry for accuracy.

Do you want to edit the text for this entry? YES// <Enter>
TEXT:
Refer to VA/DoD COPD treatment guidelines

  Edit? NO// <Enter>

Select SYNONYM: <Enter>
INACTIVATION DATE: <Enter>

Select DRUG TEXT NAME: ^
```

Figure 2-33: Example: Drug Text Enter/Edit

2.12 Drug Text File Report

[PSS DRUG TEXT FILE REPORT]

This option will display the Drug Text Name, Synonyms, Drug Text, Inactive date (if inactive), and list all drug and Pharmacy orderable items linked to it. The report is printable for one or all entries.

For a list of the original entries in the DRUG TEXT file (#51.7), see Appendix B.

```
Select Pharmacy Data Management Option: DRUG TEXT FILE REPORT

This report shows each selected drug text entry and lists all drugs
and orderable items linked to it.

    Select one of the following:

        A          ALL
        S          SINGLE ENTRY OR RANGE

Print for (A)ll or (S)elect Single Entry or Range: S// <Enter> SINGLE ENTRY OR
RANGE

There are drugs in the drug text file with leading numerics.

Print report for drug text entries with leading numerics? N// <Enter>

Enter a single drug text entry or to see all drug text entries beginning with
the letter 'A' for example, enter 'A' or whichever letter you wish to see.
To see drug text entries in a range for example starting with 'H', 'I' and 'J'
enter in the format 'H-J'.

Enter a single entry or select a range: C

Report will be for drug text starting with C,
and ending with drug text starting with C.

Is this correct? Y// <Enter> ES

You may queue the report to print, if you wish.

DEVICE: HOME//    VIRTUAL    Right Margin: 80// <Enter>

                Drug Text Report for drug text from C through C

Date printed: JUL 16,2002                                Page: 1
=====
PLEASE NOTE: The National Formulary Restriction Text is the original text
exported with the DRUG TEXT file (#51.7) and automatically linked to the DRUG
file (#50) entries based on the VA product match. No ORDERABLE ITEM file
(#50.7) entries were automatically linked with DRUG TEXT file (#51.7).

DRUG TEXT NAME:  CELECOXIB

    DRUG TEXT:
    Refer to PBM/MAP criteria for use of celecoxib

    NATIONAL FORMULARY RESTRICTION TEXT:
```

```
DRUG file entries:
-----
CYCLOPHOSPHAMIDE 50MG C.T.

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

Drug Text Report for drug text from C through C

Date printed: JUL 16,2002                               Page: 2
=====

ORDERABLE ITEM file entries:
-----
NONE
-----

DRUG TEXT NAME:  COPD

DRUG TEXT:
Refer to VA/DoD COPD treatment guidelines

NATIONAL FORMULARY RESTRICTION TEXT:
Refer to VA/DoD COPD treatment guidelines

Enter RETURN to continue or '^' to exit:

Drug Text Report for drug text from C through C

Date printed: JUL 16,2002                               Page: 2
=====

DRUG file entries:
-----
DIGOXIN 0.125MG C.T.,
THEOPHYLLINE 200MG SUS-REL TABS
THEOPHYLLINE 100MG SUS-REL TABS

ORDERABLE ITEM file entries:
-----
NONE
-----

End of Report.
Press Return to continue: <Enter>

Select Pharmacy Data Management Option:
```

Figure 2-34: Example: Drug Text File Report

2.13 Pharmacy System Parameters Edit

[PSS SYS EDIT]

The *Pharmacy System Parameters Edit* option allows the user to edit the Pharmacy System Parameters used in PDM. These parameters relate to the printing of Patient Medication Information Sheets. The IHS PMI Sheet parameters are handled outside of the Pharmacy System Parameters Edit option so IHS users will not need to type any of the information shown in the following example.

```
Select Pharmacy Data Management Option: Pharmacy System Parameters Edit

PMIS PRINTER:
PMIS LANGUAGE: ?
  This language will be used as the default for the printing of Patient
  Medication Instruction Sheets (PMIS).
  Choose from:
    1      English
    2      Spanish
PMIS LANGUAGE: 1 English

Select Pharmacy Data Management Option:
```

Figure 2-35: Example: Pharmacy System Parameters Edit

2.14 Standard Schedule Edit

[PSS SCHEDULE EDIT]

The *Standard Schedule Edit* option allows the user to enter or edit entries in the ADMINISTRATION SCHEDULE file (#51.1). The set of times associated with the standard dosage administration schedules can be assigned, as can ward-specific administration times. This feature may be used to define the outpatient expansion to be used when the schedule is entered for an Outpatient Pharmacy medication order. Entry of a frequency in minutes allows the software to calculate the interval between dosages for Inpatient Medication orders and BCMA and is used by Outpatient Pharmacy to calculate default quantities.

The *Standard Schedule Edit* option allows the user to enter the outpatient expansion value in a language other than English. PDM does not translate English terms into another language; instead, it allows the user to enter a translation of a term. If a value has not been entered in the OTHER LANGUAGE EXPANSION field, PDM defaults to the value entered in the OUTPATIENT EXPANSION field. If no values exist in the OUTPATIENT EXPANSION and OTHER LANGUAGE EXPANSION fields, the system will not present default values for those fields to the user during CPRS or Outpatient Pharmacy prescription order processing. However, when building the SIG, Outpatient Pharmacy will default to the value the user input through Outpatient Pharmacy backdoor order entry. It is recommended that the OTHER LANGUAGE EXPANSION field not be used initially in order to avoid a problem with printing confusing information on prescription labels.


```

Select Pharmacy Data Management Option: STANDARD Schedule Edit

Select ADMINISTRATION SCHEDULE: BID

NAME: BID// <Enter>
OUTPATIENT EXPANSION: TWO TIMES A DAY// <Enter>
OTHER LANGUAGE EXPANSION:
TYPE OF SCHEDULE: CONTINUOUS// <Enter>
STANDARD ADMINISTRATION TIMES: 0900-1700// <Enter>
FREQUENCY (IN MINUTES): 720// <Enter>

Select WARD ADMINISTRATION SCHEDULE: <Enter>

```

Figure 2-36: Example: Standard Schedule Edit

2.15 Synonym Enter/Edit

[PSS SYNONYM EDIT]

The *Synonym Enter/Edit* option allows the user to enter synonym information into the SYNONYM field for a selected Dispense Drug. Synonyms are used to easily identify drugs for the BCMA package and the Drug Accountability package, and to simplify medication order entry.

```

Select DRUG GENERIC NAME: NAP
  1  NAPROXEN 250MG S.T.           MS102   N/F     09-05-00
  2  NAPROXEN 375MG TAB           MS102
CHOOSE 1-2: 2  NAPROXEN 375MG TAB           MS102
Select SYNONYM: 018393027342// ALEVE
  INTENDED USE: TRADE NAME
  NDC CODE: <Enter>
Select SYNONYM: <Enter>

```

Figure 2-37: Example 1: Creating a New Synonym

```

Select DRUG GENERIC NAME: NAP
  1  NAPROXEN 250MG S.T.           MS102   N/F     09-05-00
  2  NAPROXEN 375MG TAB           MS102
CHOOSE 1-2: 2  NAPROXEN 375MG TAB           MS102
Select SYNONYM: ALEVE// @
  SURE YOU WANT TO DELETE THE ENTIRE 'ALEVE' SYNONYM? Y (Yes)
Select SYNONYM: 018393027342// <Enter>
  SYNONYM: 018393027342// <Enter>
  INTENDED USE: DRUG ACCOUNTABILITY// <Enter>
  NDC CODE: 018393-0273-42// <Enter>
Select SYNONYM: <Enter>

```

Figure 2-38: Example 2: Deleting a Synonym

2.16 Controlled Substances/PKI Reports

[PSS CS/PKI REPORTS]

A post-installation routine for patch PSS*1*61 identifies those drugs with discrepancies between the CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) and DEA, SPECIAL HDLG field (#3) of the DRUG file (#50), and generates four mail messages with the following subjects to the installer and to holders of the PSNMGR keys:

CS FEDERAL SCHEDULE AND DEA SPECIAL HDLG DISCREPANCIES
CONTROLLED SUBSTANCES NOT MATCHED
CONTROLLED SUBSTANCES NOT SET CORRECTLY
DISCREPANCY IN DEA WITHIN DRUGS TIED TO AN OI

These mail messages can be used to clean up the DEA, SPECIAL HDLG code in the DRUG file (#50) where appropriate.

The post-install also checks to see if the DEA, SPECIAL HDLG field (#3) of the DRUG file (#50) is null and if the drug is matched to an entry in the VA PRODUCT file (#50.68), and the CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) has data, then it updates the DEA, SPECIAL HDLG field (#3) of the DRUG file (#50) with the DEA, SPECIAL HDLG code mapped to corresponding CS FEDERAL SCHEDULE code.

This new *Controlled Substances/PKI Reports* [PSS CS/PKI REPORTS] menu is added to the *Pharmacy Data Management* [PSS MGR] menu to re-generate these post-install Mailman messages on demand.

3.0 Understanding Dosages

Dosages are compiled by collecting information that was previously entered in various files and gathering that information to populate individual fields within the DRUG file (#50). Two types of dosages, Possible Dosages and Local Possible Dosages, are now stored in the DRUG file (#50). Explanations of what determines a Possible Dosage and a Local Possible Dosage are included below, along with diagrams to aid the user in understanding which files and fields contribute to constructing Possible Dosages and Local Possible Dosages. More detailed information on Possible Dosages and Local Possible Dosages is contained in the Pharmacy Ordering Enhancements Pharmacy Data Management Pre-Release Implementation Guide, located on the **IHS EHR website at [http://www.ihs.gov/CIO/EHR/index.cfm?module=preparing under Pharmacy Information, Pharmacy Data Management Implementation Guide](http://www.ihs.gov/CIO/EHR/index.cfm?module=preparing_under_Pharmacy_Information,Pharmacy_Data_Management_Implementation_Guide)**.

3.1 Possible Dosages

The PROPRANOLOL TAB example in Diagram A is an example of a drug that can have Possible Dosages. Possible Dosages can be broken down into four individual fields; DISPENSE UNITS PER DOSE, DOSE, PACKAGE, and BCMA DISPENSE UNITS PER DOSE. For a drug to have Possible Dosages it must meet the following criteria.

1. The drug must be matched to a VA PRODUCT file (#50.68) entry in National Drug File.
2. The match in National Drug File must be an active single-ingredient product.
3. The strength of the product must be numeric.
4. The Dosage Form/Unit Combination of the product must be marked as convertible in the DOSAGE FORM file (#50.606). See the table below for a list of Dosage Form/Unit Combinations that will automatically be identified by the software.

The Dosage Form/Unit Combinations that have been designated as convertible for the creation of Possible Dosages are displayed in Appendix A: Convertible Dosage Form/Unit Combinations

Possible Dosages are initially populated automatically through the use of the *Auto Create Dosages* option. This option identifies drugs that meet the four criteria mentioned earlier, and by utilizing fields in the VA PRODUCT file (#50.68) and the DOSAGE FORM file (#50.606), it will populate the DRUG file (#50) entry with Possible Dosage information.

Figure 3-1 is an example of how the PROPRANOLOL HCL 20MG TAB drug entry would exist under the current file setup

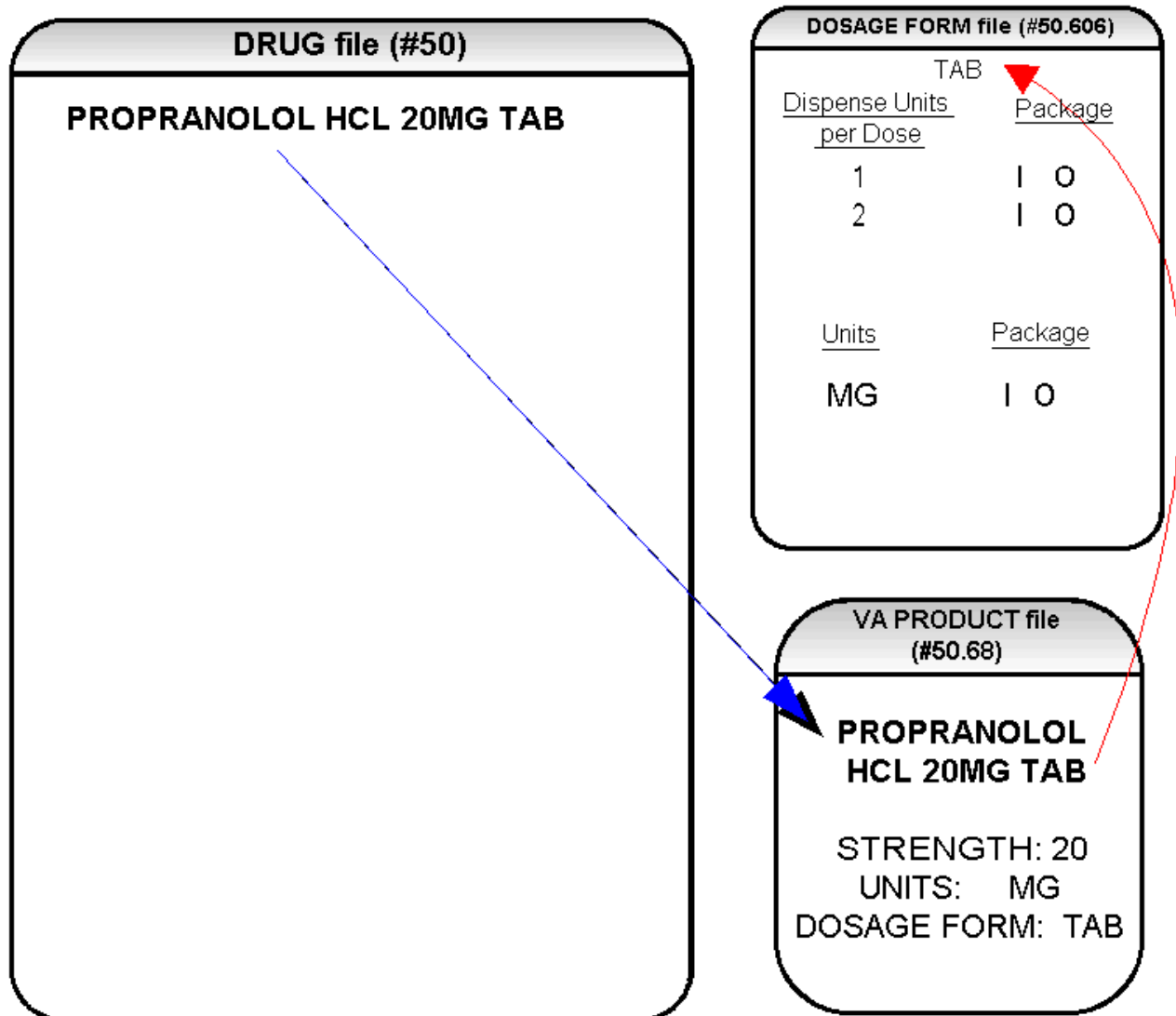


Figure 3-1: Example of the PROPRANOLOL HCL 20MG tab

The VA Product match for this drug is PROPRANOLOL HCL 20MG TAB. It is a single ingredient product with a numeric Strength (20). It has a Dosage Form of TAB and units of MG in the VA PRODUCT file (#50.68). Additionally, the non-editable multiple field called UNITS from the DOSAGE FORM file (#50.606) indicates which combination of Dosage Form and Units can be converted to Possible Dosages, assuming that the product is a single ingredient drug with a numeric strength. It also indicates the package (Inpatient Medications, Outpatient Pharmacy, or both) for which Possible Dosages can be created. So, in the first PROPRANOLOL example, the Dosage Form/Unit Combination of TAB/MG is convertible for both Inpatient Medications and Outpatient Pharmacy. The DISPENSE UNITS PER DOSE multiple of the DOSAGE FORM file (#50.606) is a non-editable field used to calculate dosages during the dosage creation process. 1, or 1 and 2, were chosen for all Dosage Forms because they require the least amount of editing in the DRUG file (#50). (See Figure 3-2)

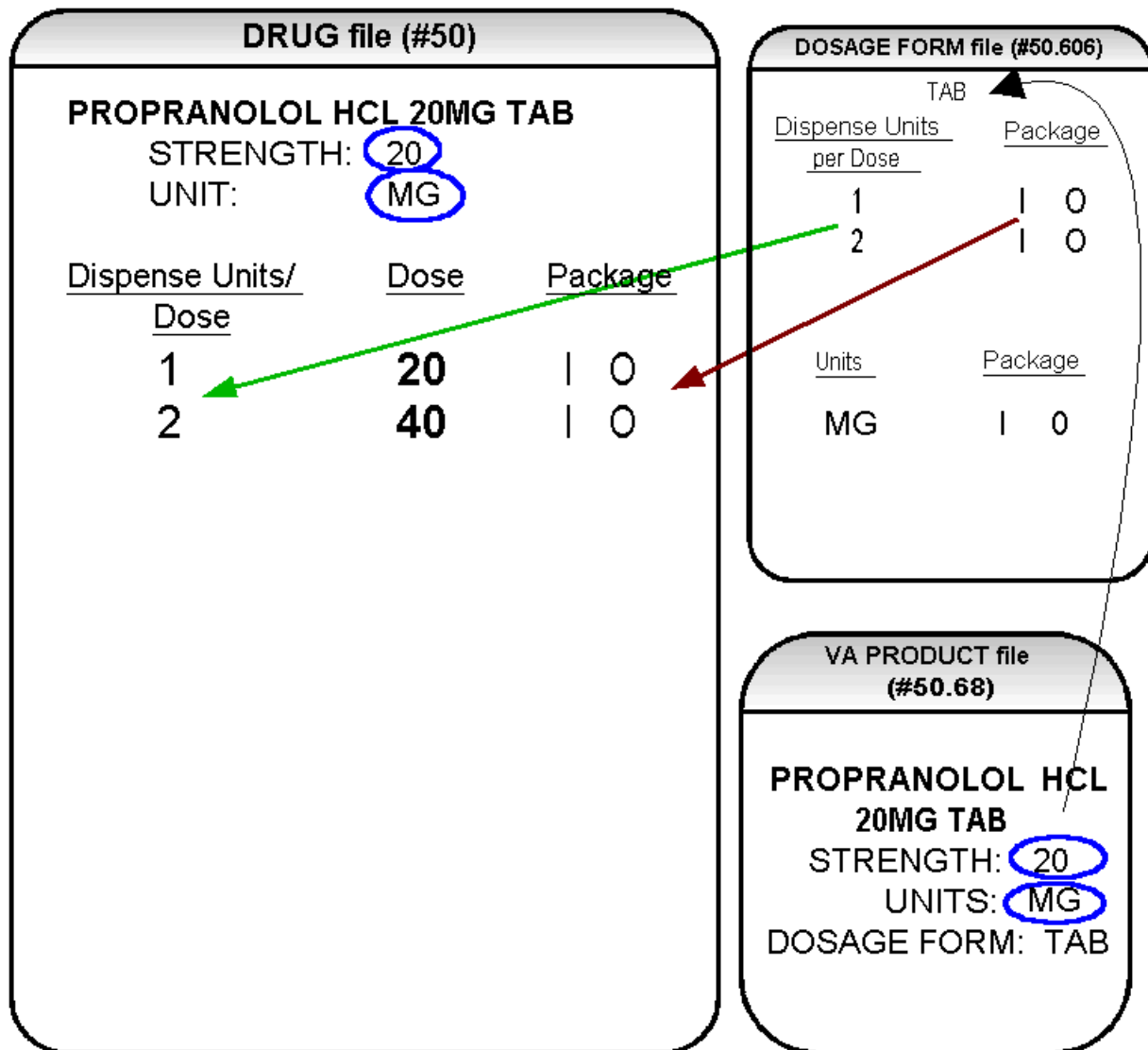


Figure 3-2: Drug entry with new data

Figure 3-2 shows the drug entry with the new data. Two new fields, STRENGTH and UNIT, have been added to the DRUG file (#50). These two fields are populated with data based on the data contained in the STRENGTH and UNITS fields of the VA PRODUCT file (#50.68) match. The DOSE field of the POSSIBLE DOSAGE sub-file of the DRUG file (#50) is populated by multiplying the entry in the DISPENSE UNITS PER DOSE field of the POSSIBLE DOSAGE sub-file of DRUG file (#50) by the numeric value of the STRENGTH field in the DRUG file (#50). (DOSE=DISPENSE UNITS PER DOSE x STRENGTH)

Figure 3-3 shows what the *Auto Create Dosages* option could create as dosage selections for a PROPRANOLOL TAB Orderable Item when one or more drugs are matched to that Orderable Item. (See Figure 3-3)

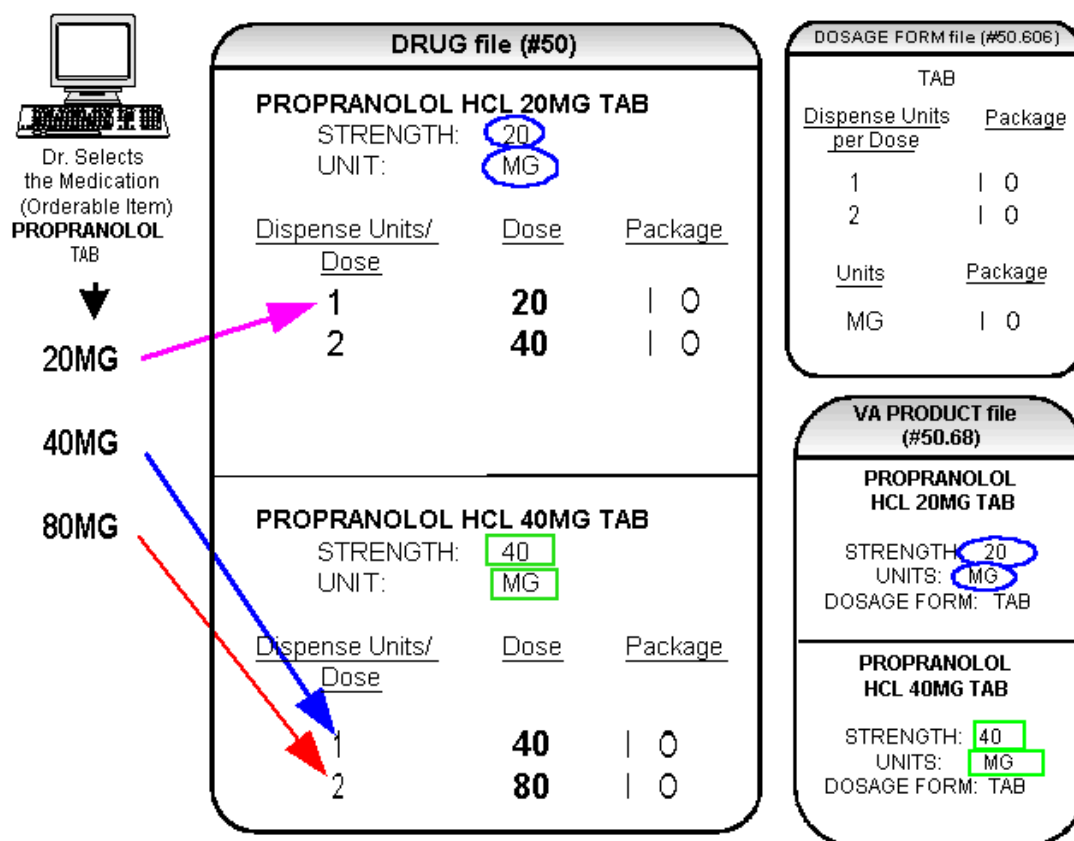


Figure 3-3: Auto Create Dosages option

In Figure 3-3, the PROPRANOLOL drug entries are matched to VA Products that have numeric strengths, 20 and 40, and the VA Products both have the Dosage Form/Unit Combination of TAB/MG. Since TAB/MG is marked as “convertible” in the DOSAGE FORM file (#50.606) for both Inpatient Medication and Outpatient Pharmacy, the new STRENGTH and UNIT fields in the DRUG file (#50) for these drugs can be populated by the software. The STRENGTH and UNITS fields of DRUG file (#50) are populated from the VA PRODUCT file (#50.68) into the DRUG file (#50).

The new fields in the DRUG file (#50), DISPENSE UNITS PER DOSE, DOSE, and PACKAGE, are now populated with data. The Dispense Units Per Dose of “1” and “2” came from the new DISPENSE UNITS PER DOSE field in the DOSAGE FORM file (#50.606). When this data is carried over to the DRUG file (#50), the dose is computed by multiplying the Dispense Units Per Dose from DRUG file (#50) by the Strength from DRUG file (#50) of each drug. The PACKAGE field values of the DOSAGE FORM file (#50.606), “I” for Inpatient Medications and “O” for Outpatient Pharmacy, are also copied to the PACKAGE field of DRUG file (#50). Some of the Possible Dosages will be converted for both packages, such as the combination of TAB/MG, since this type of dosage can be ordered for Inpatient Medications and also can be converted to a patient readable Outpatient Pharmacy SIG. Other Dosage

Form/Unit Combinations, such as SYRUP/MG/5ML, can only be converted for Inpatient Medications since they cannot be easily changed to an Outpatient Pharmacy readable SIG.

In this example, PROPRANOLOL TAB is selected as the Orderable Item in CPRS, therefore the dose selection would be:

20MG
40MG
80MG

Notice that there is only one 40MG selection for the provider, yet both the PROPRANOLOL HCL 20MG TAB drug and the PROPRANOLOL HCL 40MG TAB drug entries have doses of 40MG. In this case, the 40MG dose is associated with the PROPRANOLOL HCL 40MG TAB drug, because it has a lower Dispense Units Per Dose (1), than the Dispense Units Per Dose (2) associated with the 40MG dose for the PROPRANOLOL HCL 20MG TAB.

Note: For Possible Dosages, when the software encounters two doses that are the same, the lowest Dispense Units Per Dose will be used to determine the Dispense Drug.

Additionally, another screen that is used for duplicate doses is the non-formulary screen.

Note: If there are two of the same doses, and one is formulary and the other is non-formulary, the formulary entry is the one that is used, regardless of which dose has the lower Dispense Units Per Dose value.

The non-formulary drug filter is executed prior to the lowest Dispense Units Per Dose filter. So in this example, if the PROPRANOLOL HCL 40MG TAB is marked as non-formulary, and the PROPRANOLOL HCL 20MG TAB is formulary, the 40MG dosage selection would be associated with the PROPRANOLOL HCL 20MG TAB, even though it has a higher Dispense Units Per Dose (2) than the 40MG entry for PROPRANOLOL HCL 40MG TAB (1 Dispense Units Per Dose).

Once the Possible Dosages have been created by the *Auto Create Dosages* option, doses can be deleted or added by editing the DISPENSE UNITS PER DOSE field using the *Enter/Edit Dosages* option. The DOSE field is automatically calculated by multiplying the DISPENSE UNITS PER DOSE field times the STRENGTH field. For example, if the PROPRANOLOL TABLET is commonly given in a 10MG dose, and there is not a Dispense Drug entry in DRUG file (#50) of PROPRANOLOL HCL 10MG TAB, a Dispense Units Per Dose of .5 can be added for the PROPRANOLOL HCL 20MG TAB, and a dose of 10MG will be created. If a dose of 60MG is sometimes given for PROPRANOLOL TAB, entering a Dispense Units Per Dose of 3

for the PROPRANOLOL HCL 20MG TAB drug will provide a 60MG dose. Similarly, if the 80MG dose is rarely given, the Dispense Units Per Dose of 2 can be deleted for the PROPRANOLOL HCL 40MG TAB drug, and the 80MG dose will be deleted.

The PACKAGE field can also be edited, but this is a “controlled” type of edit. If the Dosage Form/Unit Combination is not marked as convertible in the DOSAGE FORM file (#50.606) for the package, then that package cannot be added as a package for that Possible Dosage. Strength can also be edited in the DRUG file (#50). If the strength is edited, then all of the doses are automatically re-calculated based on the DISPENSE UNITS PER DOSE and new STRENGTH entry. It is recommended that the strength only be edited in the rare case that the Dispense Drug must be matched to a VA Product with an inappropriate strength. (This scenario is discussed in further detail later in this document.) In summary, by adding new DISPENSE UNITS PER DOSE of .5 and 3 to the PROPRANOLOL HCL 20MG TAB entry, and by deleting the DISPENSE UNITS PER DOSE of 2 for the PROPRANOLOL HCL 40MG TAB entry, the following Possible Dosages now exist for PROPRANOLOL TAB Orderable Item. (See Figure 3-4)

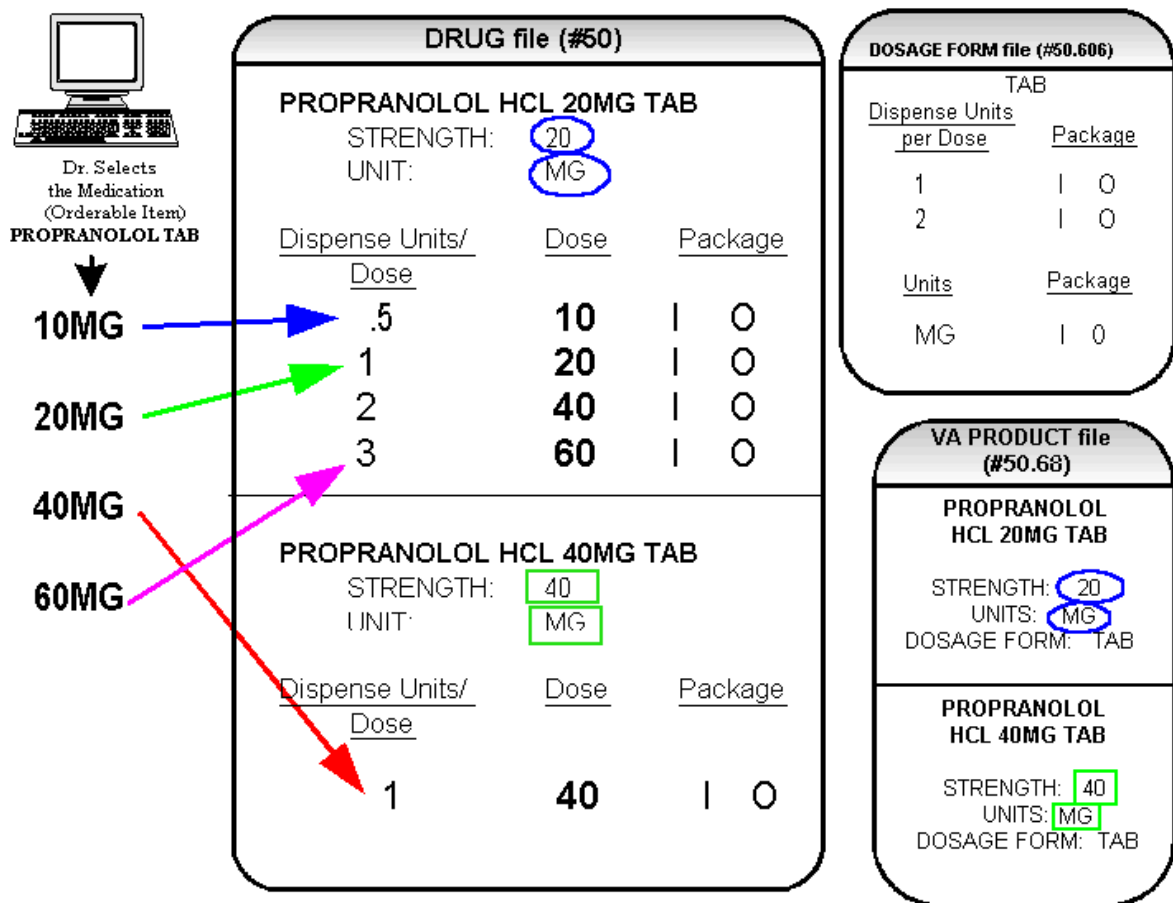


Figure 3-4: PROPRANOLOL TAB Orderable Item

Though the list of dosages is all that the provider will see for selection, each of the dosages is associated with a Dispense Drug. For example, if the 60MG is selected, the Dispense Units Per Dose is 3, and the drug is PROPRANOLOL HCL 20MG TAB. For Outpatient Pharmacy orders the SIG will be built in the same manner as it is today. If the 60MG is chosen, the SIG will begin with “TAKE 3 TABLETS...” and the assigned Dispense Drug is PROPRANOLOL HCL 20MG TAB.

As demonstrated in the PROPRANOLOL example, the key to populating the Possible Dosages in the DRUG file (#50) is the information that is contained in the VA PRODUCT file (#50.68) entry to which that drug is matched. Earlier diagrams also show that dosages can be added, deleted, etc., for a drug by editing the DISPENSE UNITS PER DOSE field for that drug.

In addition to creating Possible Dosages for a drug by editing the DISPENSE UNITS PER DOSE field, appropriate Possible Dosages can be created by editing the STRENGTH field for a drug. When Possible Dosages are created for a drug, the strength information from the VA Product match is moved to the drug entry and stored in the STRENGTH field. The only time this data would not be accurate would be if a VA PRODUCT file (#50.68) entry with the correct strength did not exist, and a different strength of the drug had to be selected for the drug’s VA Product match; however, these instances should be rare. If the desired strength does not exist for a particular drug, the functionality exists to edit the STRENGTH field in the DRUG file (#50) for that drug. Once the strength edit is completed, new Possible Dosages are created for every Dispense Units Per Dose for that drug.

For example, Figure 3-5 shows an entry in the DRUG file (#50) of METOPROLOL TARTRATE 25MG TAB. No entries with a strength of 25 exist in the VA PRODUCT file (#50.68) for that drug, so it is matched instead to a VA Product entry with a strength of 50. (See Figure 3-5)

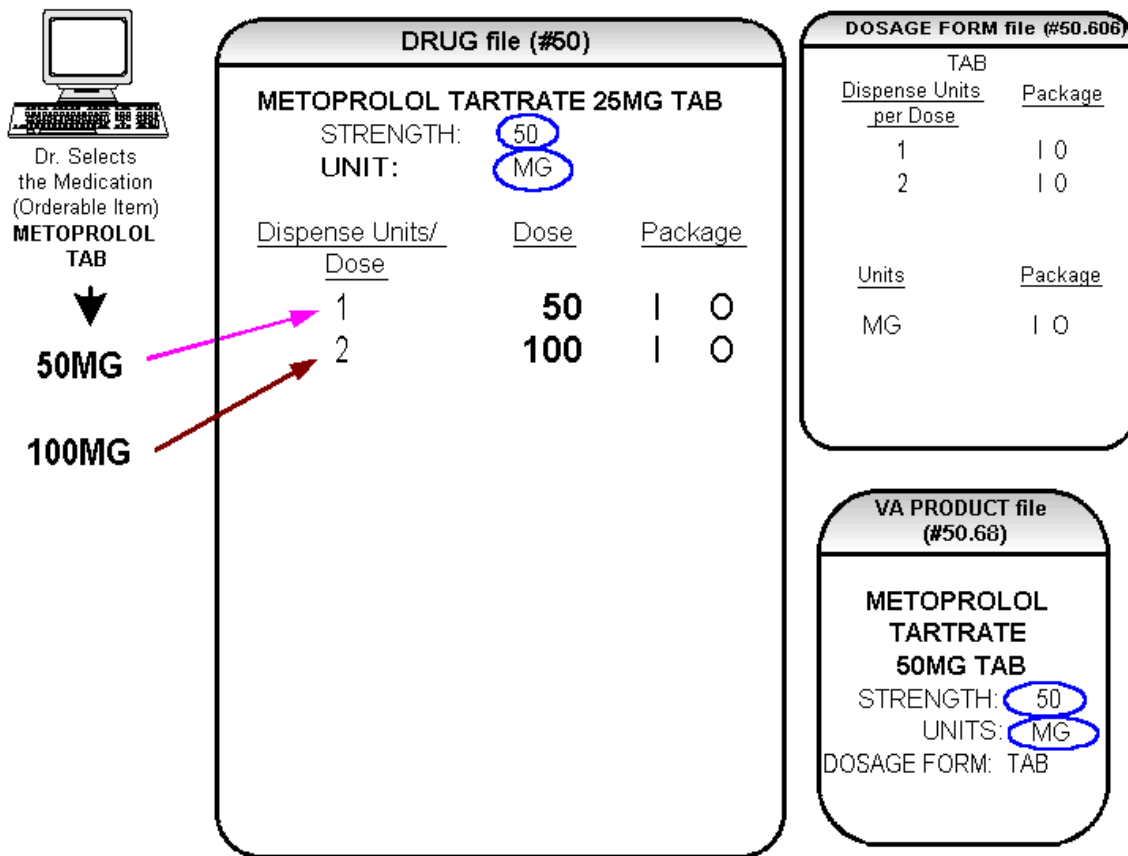


Figure 3-5: Possible Dosages created are 50 MG (1 tablet) and 100MG

In In Diagram E, the Possible Dosages created are 50 MG (1 tablet) and 100MG (2 tablets), but the drug is actually METOPROLOL TARTRATE 25MG TAB. These Possible Dosages were created because the strength of the VA PRODUCT file (#50.68) entry is 50. As displayed in Diagram F, the strength in the DRUG file (#50) can simply be edited from 50 to 25, and when that strength is edited, the Possible Dosages for all Dispense Units Per Dose, in this case 1 and 2, will be recalculated. (See Figure 3-6), the Possible Dosages created are 50 MG (1 tablet) and 100MG (2 tablets), but the drug is actually METOPROLOL TARTRATE 25MG TAB. These Possible Dosages were created because the strength of the VA PRODUCT file (#50.68) entry is 50. As displayed in Diagram F, the strength in the DRUG file (#50) can simply be edited from 50 to 25, and when that strength is edited, the Possible Dosages for all Dispense Units Per Dose, in this case 1 and 2, will be recalculated. (See Figure 3-6)

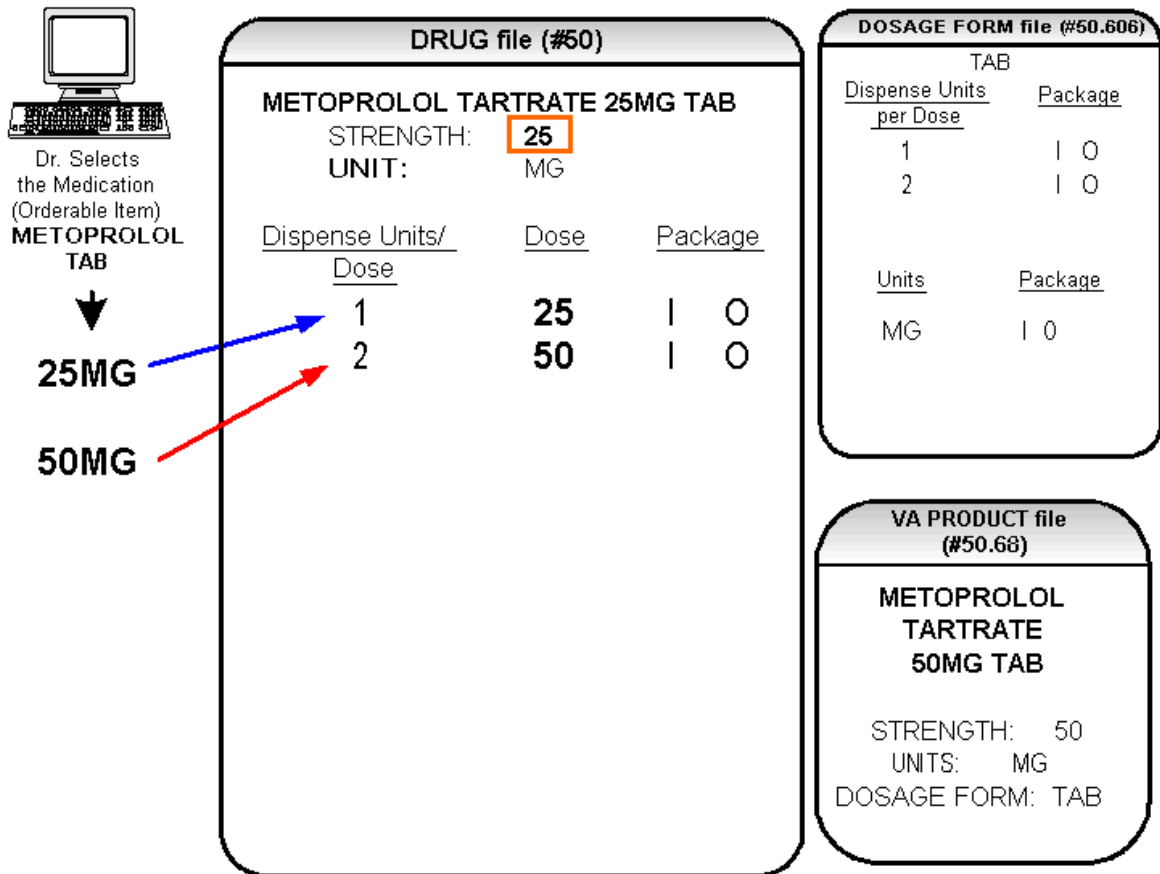


Figure 3-6: Possible Dosages for all Dispense Units Per Dose

3.2 Local Possible Dosages

In an earlier example using PROPRANOLOL TAB, Inpatient Medication and Outpatient Pharmacy Possible Dosages could be created for the Dispense Drugs matched to PROPRANOLOL TAB because they met all of the following four criteria.

1. The drug must be matched to a VA PRODUCT file (#50.68) entry in National Drug File.
2. The match in National Drug File must be an active single-ingredient product.
3. The strength of the product must be numeric.
4. The Dosage Form/Unit Combination of the product must be marked as convertible in the DOSAGE FORM file (#50.606).

In the following example, the Orderable Item requested is TIMOLOL SOLN, OPH, which has two Dispense Drugs matched to it. Neither of these Dispense Drugs meets the four criteria for creating Possible Dosages. The two Dispense Drugs are matched to entries in the VA PRODUCT file (#50.68) as follows. (See Figure 3-7)

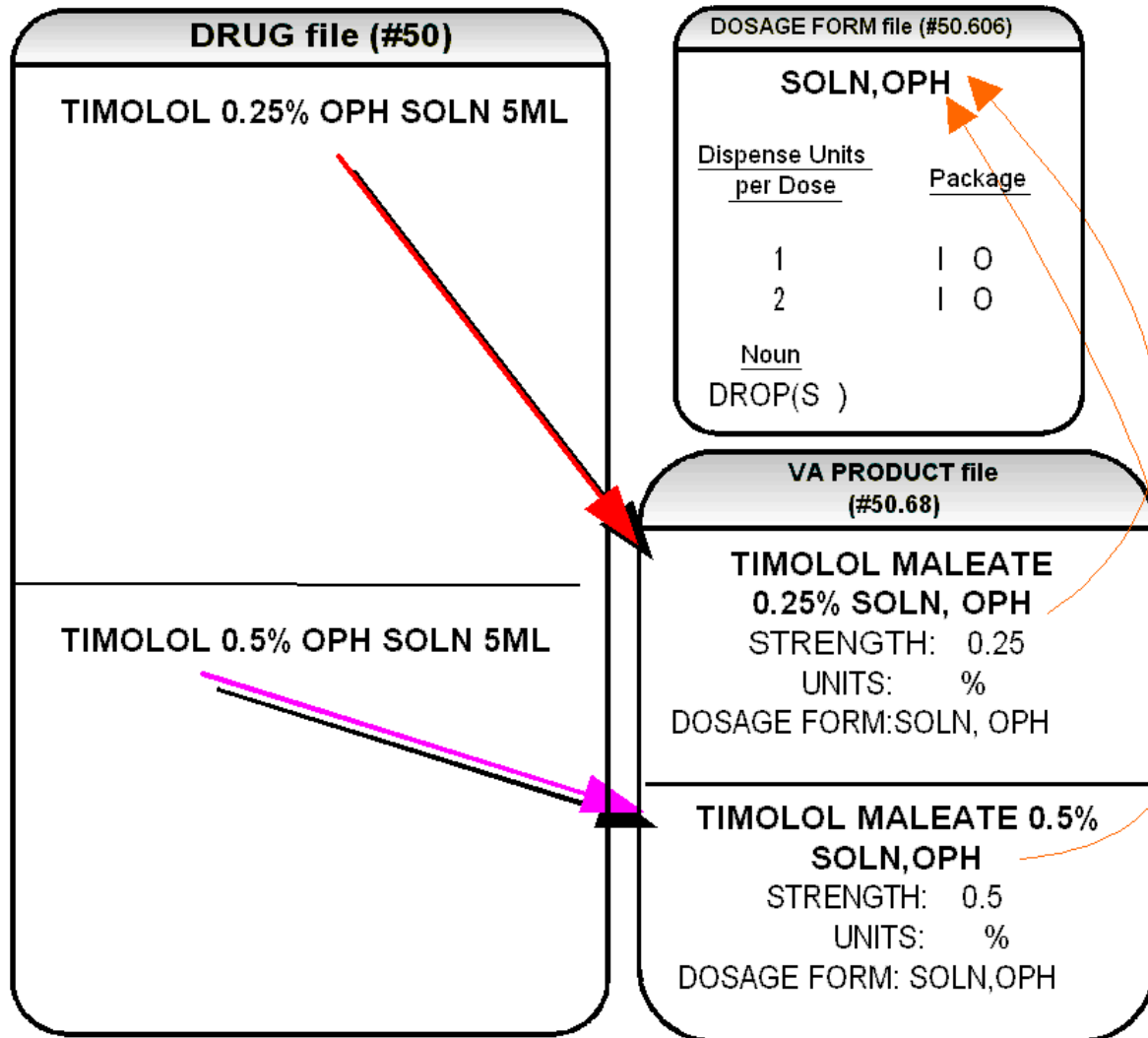


Figure 3-7: The two Dispense Drugs are matched to entries in the VA PRODUCT file (#50.68)

These two drugs meet the first three of the Possible Dosages criteria, but do not meet criteria number four. The Dosage Form/Unit Combination of SOLN,OPH / % is not marked as convertible in the DOSAGE FORM file (#50.606) for Inpatient Medications or for Outpatient Pharmacy. Since Possible Dosages cannot be created for these drugs, Local Possible Dosages must be created. To create Local Possible Dosages the Noun field in the DOSAGE FORM file (#50.606) is utilized. By default, all Local Possible Dosages will be marked for Inpatient Medications and/or Outpatient Pharmacy use based on the package identification of the Noun.

The NOUN field already exists in the DOSAGE FORM file (#50.606). It is a multiple field, meaning that more than one Noun can be associated with each Dosage Form. Some Dosage Forms may have multiple Nouns, while other Dosage Forms may have only one Noun. For example, the Dosage Form CREAM could have the following entries in the NOUN field.

LIBERALLY
SMALL AMOUNT
SPARINGLY
THIN FILM

Alternately, the Dosage Form of TAB would most likely only have one NOUN, TABLET(S).

TABLET(S)

In the TIMOLOL example, a review of the Dosage Form entry for SOLN,OPH, shows that the Dispense Units Per Dose of 1 and 2 are designated, and a Noun of DROP(S) is specified. If the *Auto Create Dosages* option is rerun with the current setup, no Possible Dosages for the two TIMOLOL drugs will be created because the drugs do not meet all four Possible Dosages criteria. Local Possible Dosages will be created of 1 DROP and 2 DROPS.

If a NOUN ends in “(S)” or “(s)”, such as TABLET(S) or capsule(s), the “(S)” or “(s)” will be completely dropped from the Noun when building the SIGs, as long as the Dispense Units Per Dose is 1 or less. If the Dispense Units Per Dose is greater than 1, the parenthesis around the “(S)” will be eliminated, creating a plural Noun, such as TABLETS. For this to happen, the Noun must precisely end in the three characters “(S)”.

Keep in mind that if an Orderable Item is selected in EHR, and there are Possible Dosages for any of the Dispense Drugs tied to that Orderable Item, only the Possible Dosages will be returned and any Local Possible Dosages will be ignored. Local Possible Dosages will only be used when no Possible Dosages can be found for drugs tied to the selected Orderable Item and identified for use by the selected application (Inpatient Medications or Outpatient Pharmacy).

In the TIMOLOL example, the Noun of DROP(S) and the Dosage Form of SOLN,OPH produces the following results. (See Figure 3-8) Sites may wish to create separate Pharmacy Orderable Items for drugs that are available in different % strengths such as Timolol.

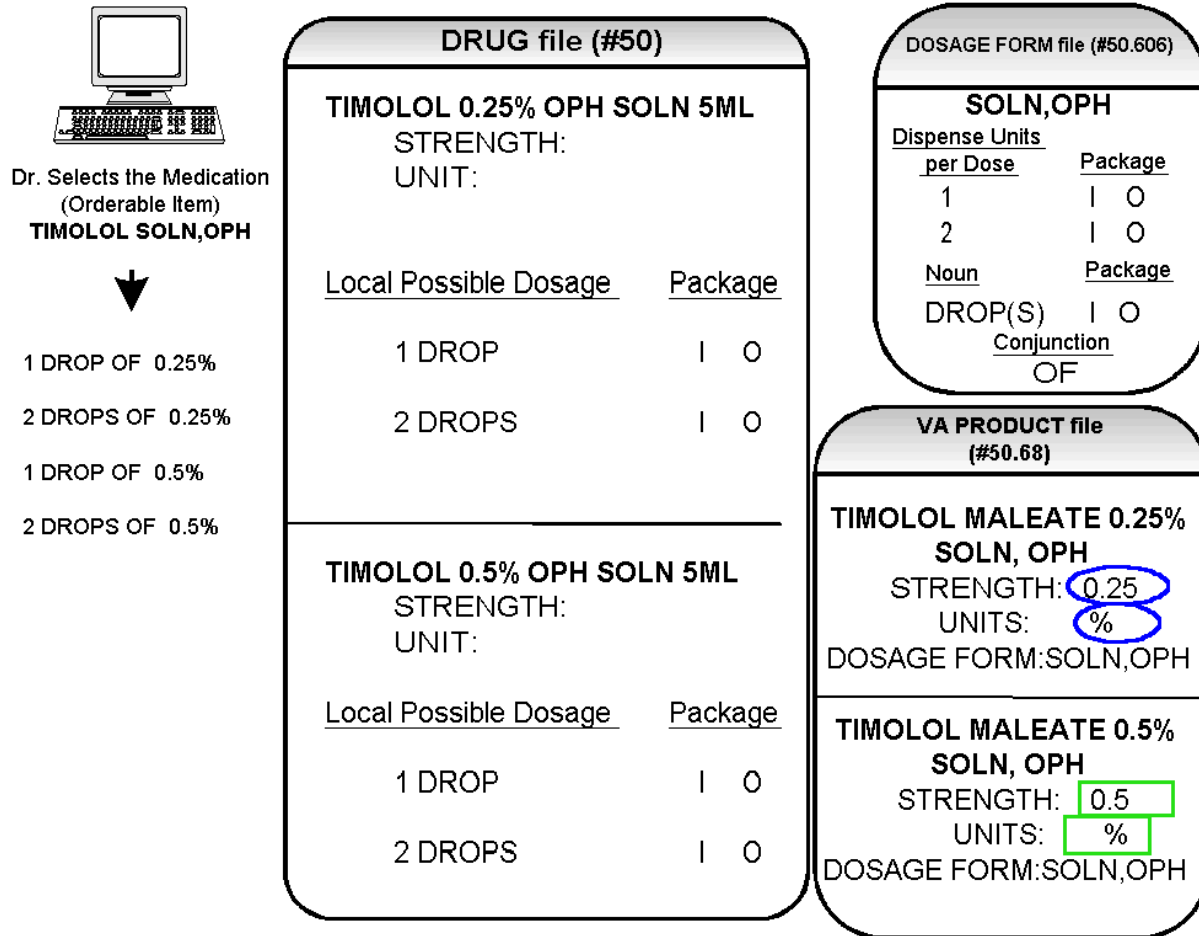


Figure 3-8: The Noun of DROP(S) and the Dosage Form of SOLN,OPH produces these results

3.3 Possible Dosages and Local Possible Dosages

The following dosage example is of a Dispense Drug that has Possible Dosages for Inpatient Medications and Local Possible Dosages for Outpatient Pharmacy. The Dispense Drug is PROMETHAZINE HCL 25MG/5ML SYRUP.

The reason Possible Dosages were created only for Inpatient Medications is because the units of MG/5ML for the SYRYP Dosage Form was only marked convertible for Inpatient Medications.

Note: Local Possible Dosages will only be used to display in the dosage list when no Possible Dosages can be found for drugs tied to the selected Orderable Item and identified for use by the selected application (Inpatient Medication or Outpatient Pharmacy).

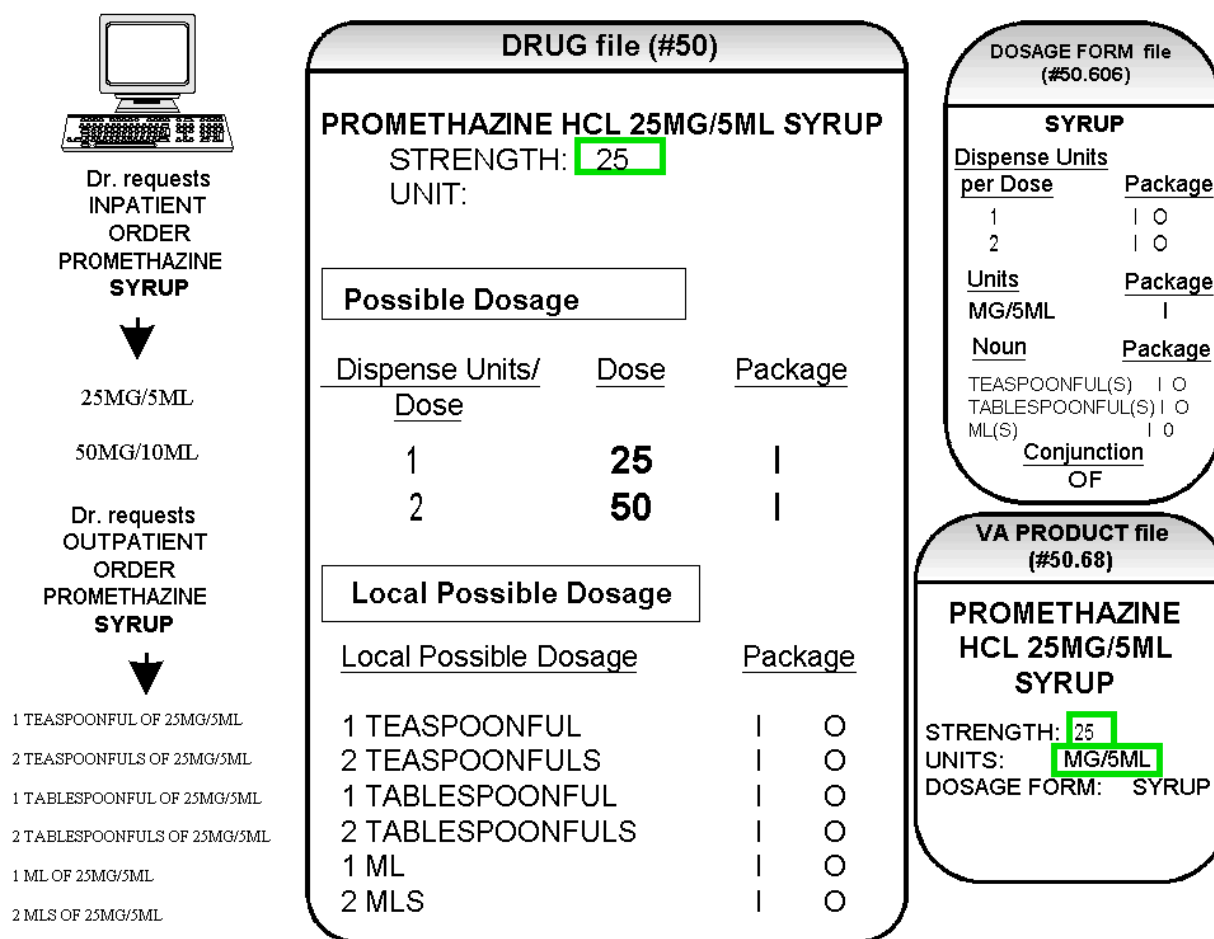


Figure 3-9: Possible Dosages for PROMETHAZINE HCL 25MG/5ML SYRUP

Figure 3-9 illustrates the Possible Dosages and Local Possible Dosages that would be created for PROMETHAZINE HCL 25MG/5ML SYRUP. On the following page, Diagram J illustrates an edit of the STRENGTH field in DRUG file (#50) for a product such as PROMETHAZINE which has volume related UNITS. In the background, the software will evaluate the UNIT field in the DRUG file (#50) to determine if an adjustment in the UNIT is necessary. The software will search for the existence of a “/” in the UNIT field. If the UNIT field contains a “/”, when the strength is edited, calculations will be performed to make appropriate adjustments in the value of the UNIT. For example, the DRUG file (#50) entry may have a STRENGTH of 25 and a UNIT of MG/5ML. If the STRENGTH is edited to 12.5, the UNIT will be adjusted by the software to MG/2.5ML.

When the UNIT value is adjusted, it will not display in the DRUG file (#50); however, throughout all Pharmacy and CPRS displays, the correct, adjusted unit value of the dosage will be displayed. (See Figure 3-10)

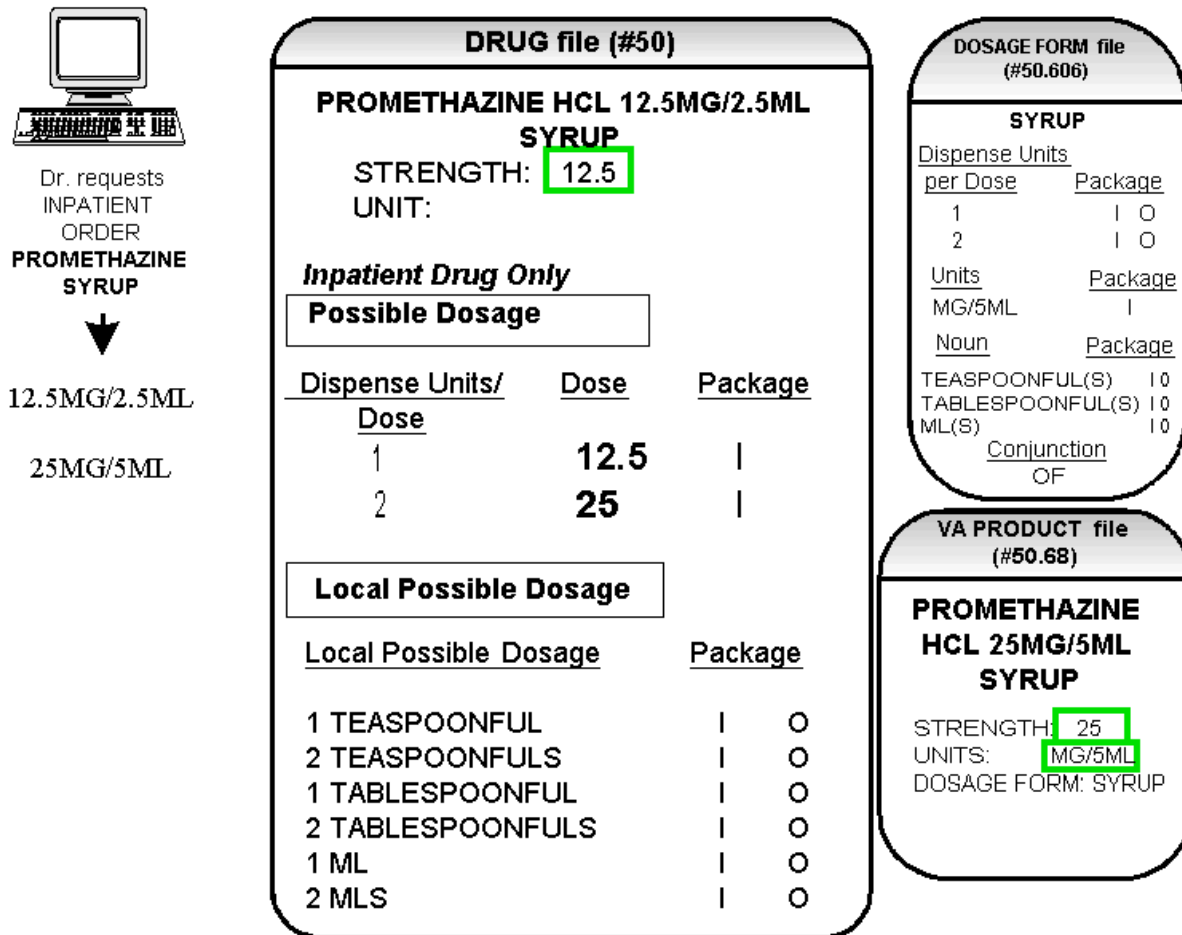



Figure 3-10: Adjusted unit value of the dosage

3.4 Multi-Ingredient Drugs

The following are examples of multi-ingredient drugs. Since multi-ingredient drugs do not meet the criteria for creation of a Possible Dosage, Local Possible Dosages will be created based on the Noun entries in the DOSAGE FORM file (#50.606).

The first example is GUAIFENESIN SYRUP WITH CODEINE 4oz. The Dosage Form of SYRUP has three Nouns, all marked for Inpatient Medications and Outpatient Pharmacy use. These Nouns are TABLESPOONFUL(S), TEASPOONFUL(S), and ML(S). The APPLICATION PACKAGE USE field of the Dispense Drug is marked for Outpatient Pharmacy use only. The *Auto Create Dosages* option will create the following Local Possible Dosages for the drug. (See Figure 3-11)



Dr. requests
OUTPATIENT
ORDER
**GUAIFENESIN/
CODEINE SYRUP**

1 TEASPOONFUL OF
GUAIFENESIN SYRUP WITH
CODEINE 4oz

2 TEASPOONFULS OF
GUAIFENESIN SYRUP WITH
CODEINE 4oz

1 TABLESPOONFUL OF
GUAIFENESIN SYRUP WITH
CODEINE 4oz

2 TABLESPOONFULS OF
GUAIFENESIN SYRUP WITH
CODEINE 4oz

1 ML OF GUAIFENESIN SYRUP
WITH CODEINE 4oz

2 MLS OF GUAIFENESIN SYRUP
WITH CODEINE 4oz

DRUG file (#50)

**GUAIFENESIN SYRUP
WITH CODEINE 4oz**

STRENGTH:
UNIT:

Outpatient Drug Only

Local Possible Dosage

<u>Local Possible Dosage</u>	<u>Package</u>
1 TEASPOONFUL	0
2 TEASPOONFULS	0
1 TABLESPOONFUL	0
2 TABLESPOONFULS	0
1 ML	0
2 MLS	0

**DOSAGE FORM file
(#50.606)**

SYRUP

<u>Dispense Units per Dose</u>	<u>Package</u>
1	0
2	0
<u>Units</u>	<u>Package</u>
<u>Noun</u>	<u>Package</u>
TEASPOONFUL(S)	0
TABLESPOONFUL(S)	0
ML (S)	0
<u>Conjunction</u> OF	

**VA PRODUCT file
(#50.68)**

**CODEINE 10MG/
GUAIFENESIN
100MG/5ML
SYRUP**

STRENGTH:
UNITS:
DOSAGE FORM: SYRUP

Figure 3-11: The *Auto Create Dosages* option will create these Local Possible Dosages for the drug










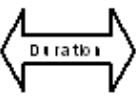
4.0 Creating the Sig

Earlier versions of the Outpatient Pharmacy software allowed the SIG to be directly edited from within the Outpatient Pharmacy package. Following the release of the Pharmacy Ordering Enhancements (POE) Phase 2 project, however, which included patches PSO*7*46, OR*3*94, PSS*1*38, and PSJ*5*50, the SIG could no longer be edited as a unit. Now, instead, individual fields are populated and then concatenated to create the SIG. Although the SIG, as a unit, cannot be edited, each individual field that creates the SIG can be edited until the SIG displays as desired.

Four basic types of SIGs exist: Simple Possible Dosages, Simple Local Possible Dosages, Complex Possible Dosages, and Complex Local Possible Dosages. The SIG for each of these types of dosages is created by combining fields from various PDM files. To simplify the process, each dosage can be thought of as having its own SIG “formula”. The key to the formulas is displayed in the following table. The formulas for creating each of the four types of SIGs follow.

The following table details the symbols that will be used in the SIG tables.

Table 1: Formula Symbols

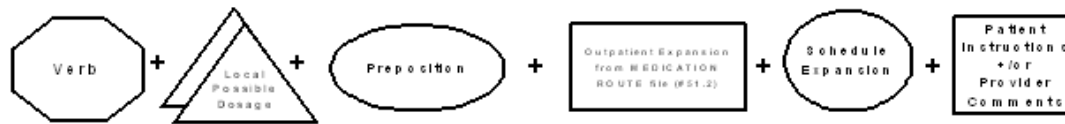
Symbol	File	Symbol	File
	DOSAGE FORM file (#50.606)		MEDICATION ROUTES file (#51.2)
	DRUG file (#50)		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)
	DRUG file (#50)		PHARMACY ORDERABLE ITEM file (#50.7) or Provider Comments entered with CPRS orders
	DOSAGE FORM file (#50.606)		AND, THEN or EXCEPT
	DOSAGE FORM file (#50.606)		HOURS, MINUTES, DAYS

SIG Formulas

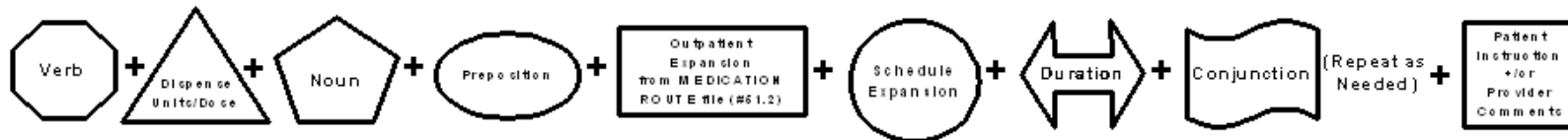
A.1.1 Simple Possible Dosages



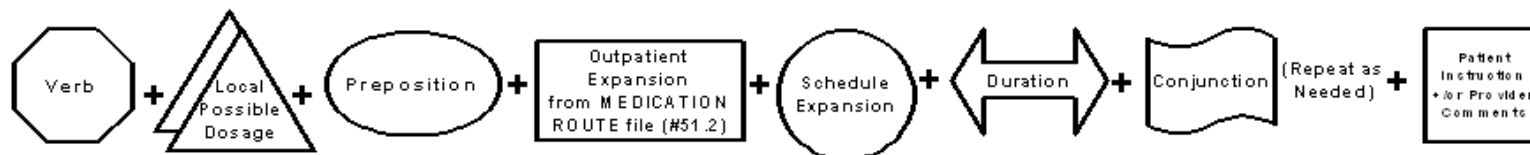
A.1.2 Simple Local Possible Dosages



A.1.3 Complex Possible Dosages



A.1.4 Complex Local Possible Dosages



Note: Sites may wish to delete prepositions from the Dosage Form file using the Dosage Form File Enter/Edit option and include them as part of the Outpatient Expansion in the Medication Route file.

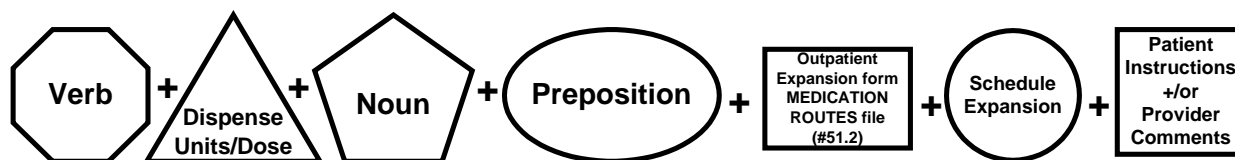
4.1 SIG Formulas

Each of the four types of dosages, Simple Possible Dosages, Complex Possible Dosages, Simple Local Possible Dosages, and Complex Local Possible Dosages, can be created using the dosage's respective SIG formula. The formulas, along with examples of various SIGs, are explained in detail below.

Simple Possible Dosages

Dosages that have a numeric dosage and numeric Dispense Units Per Dose appropriate for administration are called Possible Dosages. For a drug to have Possible Dosages, it must be a single-ingredient product that is matched to a VA PRODUCT file (#50.68) entry in the National Drug File. The National Drug File entry must have a single numeric strength and the Dosage Form/Unit Combination must be such that a numeric strength combined with the unit can be an administrable dosage selection. The formula for creating a SIG for a Simple Possible Dosage is displayed below. The charts following the formula define how various sample SIGs were created using this formula.

Simple Possible Dosage Formula





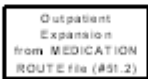




A SIG for a Simple Possible Dosage can be created utilizing the above formula. Prior to creating a SIG, the SIG must first be broken down into each of the elements in its respective Dosage Formula. The table below outlines each element of the desired SIG. By identifying the element symbol to the right of the SIG entry, it is easy to identify which element that word or phrase represents. For example, to the right of the SIG entry, "TAKE", in the table, the Verb symbol is displayed. By referencing the third column, it is apparent that Verb entries are taken from the DOSAGE FORM file (#50.606).

The following tables define each element of the SIG for each of the four types of dosages, Simple Possible Dosages, Complex Possible Dosages, Simple Local Possible Dosages, and Complex Local Possible Dosages and identify which files provide each element's information. The complete SIG is displayed at the top of each table.

Each part of the SIG is constructed by extracting data from a designated file within the Pharmacy software. The verb entry is derived from the DOSAGE FORM file (#50.606) entry of the Dosage Form that is associated with the Pharmacy Orderable Item. The Dispense Units Per Dose of 2 is a component of the Possible Dosage and is also provided by the software.

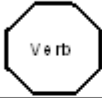

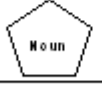

Example: Simple Possible Dosage

A.1 TAKE TWO TABLETS BY MOUTH EVERY 12 HOURS AFTER MEALS		
A.1.1.1 ENTRY	A.1.1.2 ELEMENT	A.1.1.3 FILE
TAKE		DOSAGE FORM file (#50.606)
2		DRUG file (#50)
TABLETS		DOSAGE FORM file (#50.606)
BY		DOSAGE FORM file (#50.606)
MOUTH		MEDICATION ROUTES file (#51.2)
EVERY 12 HOURS		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)
AFTER MEALS		PHARMACY ORDERABLE ITEM file (#50.7) or CPRS

Note: Sites may wish to delete prepositions from the Dosage Form file using the Dosage Form File Enter/Edit option and include them as part of the Outpatient Expansion in the Medication Route file.

Required elements for every Possible Dosage are the Dosage (Dispense Units Per Dose and Noun) and the schedule. Any other element may be deleted from the SIG. If a SIG contains a medication route, and that medication route is changed or deleted, a new order will be created due to the change to the MEDICATION ROUTE field. A change to the dosage and/or schedule will also create a new order.




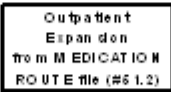


Example: Simple Possible Dosage

TAKE TWO TABLETS EVERY 12 HOURS		
ENTRY	ELEMENT	FILE
TAKE		DOSAGE FORM file (#50.606)
TWO		DRUG file (#50)
TABLETS		DOSAGE FORM file (#50.606)
EVERY 12 HOURS		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)

The SIG of an order for a medication with Local Possible Dosages may contain the same elements as a Possible Dosage, except that the Local Possible Dosage replaces the Dispense Units Per Dose and Noun elements.






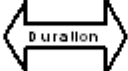




Example: Local Possible Dosage

EHR entered provider comments may be copied into the PATIENT INSTRUCTIONS field. These Patient Instructions will then print at the end of the SIG. If Patient Instructions exist at the Pharmacy Orderable Item level, the CPRS provider will view them when the order is being entered and can select whether or not to include them as part of the order. If the provider elects to not include the Pharmacy Orderable Item Patient Instructions as a part of the order, they will not appear in the PATIENT INSTRUCTIONS field of the pending order.

A.1 APPLY THIN FILM TO AFFECTED AREA TWICE DAILY AFTER WASHING THOROUGHLY		
A.1.1.1 ENTRY	A.1.1.2 ELEMENT	A.1.1.3 FILE
APPLY		DOSAGE FORM file (#50.606)
THIN FILM		DRUG FILE (#50)
TO		DOSAGE FORM file (#50.606)
AFFECTED AREA		MEDICATION ROUTES file (#51.2)
TWICE DAILY		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTIONS file (#51)
AFTER WASHING THOROUGHLY		ORDERABLE ITEM file (#50.7) or EHR

The following Complex Local Possible Dosage would apply to a multi-ingredient liquid product, such as Mylanta or Maalox. In this case, 1 TABLESPOONFUL was entered as a Local Possible Dosage in DRUG file (#50).




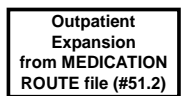


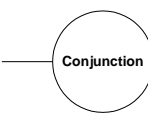
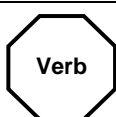
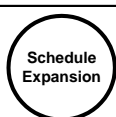
Example: Complex Local Possible Dosage

TAKE 1 TABLESPOONFUL BY MOUTH EVERY FOUR HOURS FOR 3 DAYS THEN TAKE 1 TABLESPOONFUL AS NEEDED		
Entry	A.1.1.1 Element	A.1.1.2 File
TAKE		DOSAGE FORM file (#50.606)
1 TABLESPOONFUL		DRUG FILE (#50)
BY		DOSAGE FORM file (#50.606)
MOUTH		MEDICATION ROUTES file (#51.2)
EVERY FOUR HOURS		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)
FOR 3 DAYS		IN DAYS, HOURS, MINUTES
THEN		AND, THEN, or EXCEPT
TAKE		DOSAGE FORM file (#50.606)
1 TABLESPOONFUL		DRUG FILE (#50)
AS NEEDED		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)

The following complex order for a medication with Local Possible Dosages illustrates the elements utilized to build an order for a medication to be given for a specified duration before changing the frequency of administration. The CONJUNCTION field is used to join dosing sequences for a complex order. The entries are limited to “AND,” “THEN,” or “EXCEPT.” “AND” is used for concurrent doses in a complex order, such as “Take 1 tablet every morning AND take 2 tablets at bedtime.” “THEN” is used for consecutive doses in a complex order, for example “Take 2 tablets daily for one week THEN take 1 tablet daily for five days.” “EXCEPT” can be used in a

complex order to describe any dosing order that is not routine, as in “Take 1 tablet every day EXCEPT take no tablets Wednesday.”

Example 1: Complex Local Possible Dosage

APPLY THIN FILM TO AFFECTED AREAS FOUR TIMES DAILY FOR 1 WEEK THEN APPLY DAILY AS NEEDED		
ENTRY	ELEMENT	FILE
APPLY		DOSAGE FORM file (#50.606)
THIN FILM		DRUG FILE (#50)
TO		DOSAGE FORM file (#50.606)
AFFECTED AREAS		MEDICATION ROUTES file (#51.2)
FOUR TIMES DAILY		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)
FOR 1 WEEK		IN DAYS, HOURS, MINUTES
THEN		AND, THEN or EXCEPT
APPLY		DOSAGE FORM file (#50.606)
DAILY AS NEEDED		ADMINISTRATION SCHEDULE file (#51.1) or MEDICATION INSTRUCTION file (#51)

5.0 Glossary

Term	Definition
Administration Schedule File	The ADMINISTRATION SCHEDULE file (#51.1) contains administration schedule names and standard dosage administration times. The name is a common abbreviation for an administration schedule (e.g., QID, Q4H, PRN). The administration time is entered in military time.
CPRS	A VA VISTA computer software package called Computerized Patient Record System. CPRS is an application in VISTA that allows the user to enter all necessary orders for a patient in different packages from a single application. It is similar to the IHS Electronic Health Record (EHR)
Dispense Drug	The Dispense Drug is pulled from DRUG file (#50) and usually has the strength attached to it (e.g., Acetaminophen 325 mg). Usually, the name alone without a strength attached is the Pharmacy Orderable Item name.
Dosage Form File	The DOSAGE FORM file (#50.606) contains all dosage forms and associated data that are used by Pharmacy packages and CPRS. The dosage form is used in SIG construction, default values and in the determination of the type of each dosage created for each application.
Drug Electrolytes File	The DRUG ELECTROLYTES file (#50.4) contains the names of anions and their cations and concentration units.
Drug File	The DRUG file (#50) holds the information related to each drug that can be used to fill a prescription or medication order. It is pointed to from several other files and should be handled carefully, usually only by special individuals in the Pharmacy Service. Entries are not typically deleted, but rather made inactive by entering an inactive date.
Drug Interaction File	The DRUG INTERACTION file (#56) is used to store DRUG-DRUG interactions. The file is sent out populated with interactions. These existing interactions cannot be deleted but their severity can be elevated. Locally defined interactions can be added.
Drug Text File	The DRUG TEXT file (#51.7) stores national and/or drug restrictions, guidelines, and protocols to help assure medications are being used according to defined specifications.

Term	Definition
EHR	An IHS computer software package called Electronic Health Record. EHR is an application with a graphical user interface to RPMS that allows the user to enter all necessary orders for a patient in different packages from a single application.
IV Additives File	The IV ADDITIVES file (#52.6) contains drugs that are used as additives in the IV room. Data entered includes drug generic name, print name, drug information, synonym(s), dispensing units, cost per unit, days for IV order, usual IV schedule, administration times, electrolytes, and quick code information
IV Solutions File	The IV SOLUTIONS file (#52.7) contains drugs that are used as primary solutions in the IV room. The solution must already exist in the Drug file (#50) to be selected. Data in this file includes: drug generic name, print name, status, drug information, synonym(s), volume, and electrolytes.
Local Possible Dosages	Local Possible Dosages are free text dosages that are associated with drugs that do not meet all of the criteria for Possible Dosages.
Medication Instruction File	The MEDICATION INSTRUCTION file (#51) is used by Unit Dose and Outpatient Pharmacy. It contains the medication instruction name, Outpatient Pharmacy expansion, and intended use, as well as other fields.
Medication Routes File	The MEDICATION ROUTES file (#51.2) contains medication route names. The user can enter an abbreviation for each route to be used at their site. The abbreviation will most likely be the Latin abbreviation for the term.
Medication Routes/Abbreviations	The Medication RouteS file (#51.2) contains the medication routes and abbreviations, which are selected by each Department of Veterans Affairs Medical Centers (VAMC). The abbreviation cannot be longer than five characters to fit on labels and the Medical Administration Record (MAR). The user can add new routes and abbreviations as appropriate.

Term	Definition
National Drug File	The National Drug File provides standardization of the local drug files. Standardization includes the adoption of new drug nomenclature and drug classification and links the local drug file entries to data in the National Drug File. For drugs approved by the Food and Drug Administration (FDA), medical facilities have access to information concerning dosage form, strength and unit; package size and type; manufacturer's trade name; and National Drug Code (NDC). The NDF software lays the foundation for sharing prescription information among medical facilities.
Non-Formulary Drugs	Drugs that are not available for use by all providers.
Orderable Item	An Orderable Item is pulled from the PHARMACY ORDERABLE ITEM file (#50.7) and usually has no strength attached to it (e.g., Acetaminophen). The name, with a strength attached, is the Dispense Drug name (e.g., Acetaminophen 325mg).
Orderable Item File	The ORDERABLE ITEM file (#101.43) is an EHR file that provides the Orderable Items for selection within all Pharmacy packages. Pharmacy Orderable Items are a subset of this file.
Pending Order	A pending order is one that has been entered by a provider through EHR without Pharmacy finishing the order. Once Pharmacy has finished (and verified for Unit Dose only) the order, it will become active.
Pharmacy Orderable Item File	The PHARMACY ORDERABLE ITEM file (#50.7) contains the Order Entry name for items that can be ordered in the Inpatient Medications and Outpatient Pharmacy packages.
Possible Dosages	Dosages that have a numeric dosage and numeric Dispense Units Per Dose appropriate for administration. For a drug to have possible dosages, it must be a single ingredient product that is matched to National Drug File. The National Drug File entry must have a numeric strength and the dosage form/unit combination must be such that a numeric strength combined with the unit can be an appropriate dosage selection.
Prompt	A point at which the system questions the user and waits for a response.
Standard Schedule	Standard medication administration schedules are stored in the Administration Schedule file (#51.1) and are commonly referred to as "Standard Schedules."

Term	Definition
Units Per Dose	The Units Per Dose is the number of Units (tablets, capsules, etc.) to be dispensed as a dose for an order. Fractional numbers will be accepted for certain dosage forms (i.e. tablets, oral solutions, etc.).
VA Drug Class Code	A drug classification system used by VA and IHS that separates drugs into different categories based upon their characteristics. Some cost reports can be run for VA Drug Class Codes.
VA Product File	The VA PRODUCT file.

6.0 Appendix A: Convertible Dosage Form/Unit Combinations

Dosage Form	Unit	Package
CAP,EC	MG	Both
CAP,INHLE	MCG	Both
	MG	Both
CAP,ORAL	GM	Both
	MCG	Both
	MG	Both
	MG/PKG	Both
	MIC	Both
	MIL	Both
	MIN	Both
	ML	Both
	UNT	Both
CAP,SA	MEQ	Both
	MG	Both
	UNT	Both
CAP,SPRINKLE	MG	Both
CAP,SPRINKLE,SA	MG	Both
DENTAL CONE	MG	Both
DROPS,ORAL	MG/0.6ML	Inpatient
	MG/ML	Inpatient
	UNT/ML	Inpatient
ELIXIR	MEQ/15ML	Inpatient
	MEQ/5ML	Inpatient
	MG/10.15ML	Inpatient
	MG/15ML	Inpatient
	MG/5ML	Inpatient
	MG/ML	Inpatient
EMULSION	GM/15ML	Inpatient
	UNT	Inpatient
ENEMA	MG/60ML	Inpatient
ENEMA,RTL	MG/5ML	Inpatient
FLUID EXTRACT	GM/ML	Inpatient
GEL	MCG/0.1ML	Inpatient
	G/2.5ML	Inpatient
	MG/3GM	Inpatient
	MG/5ML	Inpatient
	MG/UNT	Inpatient
GRANULES	GM	Inpatient
	GM/PKT	Inpatient

Dosage Form	Unit	Package
	MG	Inpatient
	MG/5ML	Inpatient
GRNL,EFFERVSC	MEQ/PKG	Inpatient
GRNL,RCNST-ORAL	GM/PKG	Inpatient
	MG/2.5ML	Inpatient
	MG/5ML	Inpatient
	MG/ML	Inpatient
	MG/PKT	Inpatient
GUM,CHEWABLE	MG	Inpatient
IMPLANT	MG	Inpatient
INJ	GM	Inpatient
	GM/100ML	Inpatient
	GM/3ML	Inpatient
	GM/50ML	Inpatient
	GM/BAG	Inpatient
	GM/BTL	Inpatient
	GM/ML	Inpatient
	GM/VIAL	Inpatient
	MBq/ML	Inpatient
	MBq/VIL	Inpatient
	MCG/0.5ML	Inpatient
	MCG/ML	Inpatient
	MCG/VIL	Inpatient
	MEQ/L	Inpatient
	MEQ/ML	Inpatient
	MG	Inpatient
	MG/0.2ML	Inpatient
	MG/0.3ML	Inpatient
	MG/0.4ML	Inpatient
	MG/0.5ML	Inpatient
	MG/0.5ML	Inpatient
	MG/0.625ML	Inpatient
	MG/0.6ML	Inpatient
	MG/0.8ML	Inpatient
	MG/10ML	Inpatient
	MG/2ML	Inpatient
	MG/5ML	Inpatient
	MG/AMP	Inpatient
	MG/BAG	Inpatient
	MG/ML	Inpatient
	MG/VIAL	Inpatient
	MIC/VIL	Inpatient
	MIL/ML	Inpatient
	MIL/VIL	Inpatient
	MILLION UNT/VIL	Inpatient

Dosage Form	Unit	Package
	ML	Inpatient
	PNU	Inpatient
	PNU/ML	Inpatient
	UNT	Inpatient
	UNT/0.1ML	Inpatient
	UNT/0.2ML	Inpatient
	UNT/0.5ML	Inpatient
	UNT/AMP	Inpatient
	UNT/ML	Inpatient
	UNT/TEST	Inpatient
	UNT/VIL	Inpatient
	mg/ml	Inpatient
	nKatU/ML	Inpatient
INJ (IN OIL)	MG/ML	Inpatient
INJ,CONC	MG/50ML	Inpatient
	MG/5ML	Inpatient
	MG/VIAL	Inpatient
	MG/ML	Inpatient
INJ,CONC, W/BUF	MG/ML	Inpatient
	MG/VIAL	Inpatient
INJ,CONC-SOLN	MEQ/ML	Inpatient
	MG/10ML	Inpatient
	MG/ML	Inpatient
INJ,FROZEN	MG/ML	Inpatient
INJ,LYPHL	GM/VIAL	Inpatient
	MCG/VIL	Inpatient
	MG/AMP	Inpatient
	MG/VIAL	Inpatient
	UNT/AMP	Inpatient
	UNT/VIL	Inpatient
INJ,PWDR	GM/BTL	Inpatient
	GM/VIAL	Inpatient
	MG	Inpatient
	MG/VIAL	Inpatient
	UNT/VIL	Inpatient
INJ,REPOSITORY	MG/ML	Inpatient
	UNT/ML	Inpatient
INJ,SOLN	GM	Inpatient
	GM/100ML	Inpatient
	GM/20ML	Inpatient
	GM/50ML	Inpatient
	GM/AMP	Inpatient
	GM/BAG	Inpatient
	GM/BTL	Inpatient
	GM/KIT	Inpatient

Dosage Form	Unit	Package
	GM/ML	Inpatient
	GM/VIAL	Inpatient
	MCG/0.3ML	Inpatient
	MCG/0.5ML	Inpatient
	MCG/ML	Inpatient
	MEQ/100ML	Inpatient
	MEQ/50ML	Inpatient
	MEQ/ML	Inpatient
	MG	Inpatient
	MG/0.3ML	Inpatient
	MG/0.5ML	Inpatient
	MG/0.5ML	Inpatient
	MG/0.7ML	Inpatient
	MG/2ML	Inpatient
	MG/AMP	Inpatient
	MG/INJ	Inpatient
	MG/ML	Inpatient
	MG/SYRINGE	Inpatient
	MG/UNT	Inpatient
	MG/VIAL	Inpatient
	MIC/0.6ML	Inpatient
	MIC/1.5ML	Inpatient
	MIC/VIL	Inpatient
	MIL	Inpatient
	MIL/ML	Inpatient
	MILLION UNT/SYR	Inpatient
	MILLION UNT/VIL	Inpatient
	PNU/ML	Inpatient
	UNT	Inpatient
	UNT/0.1ML	Inpatient
	UNT/0.2ML	Inpatient
	UNT/0.5ML	Inpatient
	UNT/0.6ML	Inpatient
	UNT/AMP	Inpatient
	UNT/ML	Inpatient
	UNT/TEST	Inpatient
	UNT/VIL	Inpatient
	VIL	Inpatient
	mg/ml	Inpatient
INJ,SOLN,SA	MG/ML	Inpatient
INJ,SUSP	GM/VIAL	Inpatient
	MCG/ML	Inpatient
	MG/ML	Inpatient
	MIL/ML	Inpatient
	MILLION UNT/VIL	Inpatient

Dosage Form	Unit	Package
	UNT/0.5ML	Inpatient
	UNT/1.2ML	Inpatient
	UNT/ML	Inpatient
INJ,SUSP,SA	MG	Inpatient
	MG/ML	Inpatient
INJ,SUSP-DRY,SA	MG	Inpatient
	MG/VIAL	Inpatient
INJ/IMPLANT	MG	Inpatient
INSERT,CONT REL	MG	Inpatient
	MG/CAP	Inpatient
INSERT,CONT REL,OPH	MG/UNT	Inpatient
INSERT,VAG	MG	Inpatient
LIQUID	GM	Inpatient
	MEQ/15ML	Inpatient
	MG	Inpatient
	MG/15ML	Inpatient
	MG/5ML	Inpatient
	MG/GTT	Inpatient
	MG/ML	Inpatient
LIQUID,ORAL	GM	Inpatient
	GM/10ML	Inpatient
	GM/UNT	Inpatient
	MEQ/15ML	Inpatient
	MG	Inpatient
	MG/0.6ML	Inpatient
	MG/15ML	Inpatient
	MG/2.5ML	Inpatient
	MG/4ML	Inpatient
	MG/5ML	Inpatient
	MG/MIN	Inpatient
	MG/ML	Inpatient
	UNT/0.1ML	Inpatient
	UNT/ML	Inpatient
LOZENGE	MCG	Inpatient
	MG	Inpatient
	UNT	Inpatient
OPHTHALMIC,CRC	MG/UNT	Inpatient
PELLET	MG	Inpatient
POWDER	GM	Inpatient
	GM/1.7GM	Inpatient
	GM/5GM	Inpatient
	GM/9GM	Inpatient
	GM/BAG	Inpatient
	GM/BTL	Inpatient
	GM/CUP	Inpatient

Dosage Form	Unit	Package
	GM/PKT	Inpatient
	MG	Inpatient
	UNT/VIL	Inpatient
POWDER,ORAL	GM	Inpatient
	GM/5GM	Inpatient
	GM/CUP	Inpatient
	GM/PKG	Inpatient
	MG/GM	Inpatient
POWDER, TOP	GM	Inpatient
	UNT/GM	Inpatient
PWDR, EFFERVSC	MEQ/PKT	Inpatient
PWDR, RENST-ORAL	CAL/ML	Inpatient
	GM	Inpatient
	GM/5GM	Inpatient
	GM/BTL	Inpatient
	GM/PKG	Inpatient
	GM/PKT	Inpatient
	GM/UNT	Inpatient
	MEQ/PKT	Inpatient
	MG/5ML	Inpatient
	MG/ML	Inpatient
	MG/PKG	Inpatient
	MG/PKT	Inpatient
	UNT/5ML	Inpatient
RING, VAG	MG	Inpatient
SOLN	MG/5ML	Inpatient
	MG/ML	Inpatient
	MIL	Inpatient
	MIL/ML	Inpatient
	UNT/ML	Inpatient
SOLN, CONC	MG/5ML	Inpatient
	MG/ML	Inpatient
SOLN, INHL	MG/5ML	Inpatient
	MG/ML	Inpatient
SOLN, IRRG	MG/ML	Inpatient
SOLN, NASAL	MCG/SPRAY	Inpatient
	MG/ML	Inpatient
	UNT/SPRAY	Inpatient
SOLN, ORAL	GM/ML	Inpatient
	MEQ/15ML	Inpatient
	MEQ/5ML	Inpatient
	MG	Inpatient
	MG/0.5ML	Inpatient
	MG/0.5ML	Inpatient
	MG/18.75ML	Inpatient

Dosage Form	Unit	Package
	MG/20ML	Inpatient
	MG/5ML	Inpatient
	MG/7.5ML	Inpatient
	MG/ML	Inpatient
	MIL/ML	Inpatient
	UNT/ML	Inpatient
SOLN,RTL	MG/ML	Inpatient
SOLN,SPRAY,NASAL	MCG/SPRAY	Inpatient
	MG/SPRAY	Inpatient
	UNT/ML	Inpatient
SUPP,RTL	MG	Inpatient
SUPP,VAG	GM	Inpatient
	MG	Inpatient
SUPPOSITORY	MCG	Inpatient
SUSP	GM/5ML	Inpatient
	GM/60ML	Inpatient
	MG/15ML	Inpatient
	MG/5ML	Inpatient
	MG/ML	Inpatient
	UNT/ML	Inpatient
SUSP,INTRATHECAL	MG/ML	Inpatient
SUSP,ORAL	MCG/ML	Inpatient
	MG/15ML	Inpatient
	MG/5ML	Inpatient
	MG/ML	Inpatient
	UNT/ML	Inpatient
SUSP,RTL	GM/60ML	Inpatient
SYRINGE	UNT	Inpatient
SYRUP	GM/15ML	Inpatient
	GM/5ML	Inpatient
	MEQ/5ML	Inpatient
	MG/15ML	Inpatient
	MG/5ML	Inpatient
	MG/ML	Inpatient
SYRUP,ORAL	MG/5ML	Inpatient
TAB	GM	Both
	GR	Both
	MCG	Both
	MEQ	Both
	MG	Both
	MG/5ML	Inpatient
	MG/DAY	Inpatient
	UNT	Both
TAB,BUCC,SA	MG	Both
TAB,BUCCAL	MG	Both

Dosage Form	Unit	Package
TAB,CHEWABLE	GM	Both
	MG	Both
TAB,EC	GM	Both
	GR	Both
	MEQ	Both
	MG	Both
	UNT	Both
TAB,EFFERVSC	MEQ	Both
	MG	Both
TAB,ORAL	MCG	Both
	MG	Both
	UNT	Both
TAB,ORAL DISINTEGRATING	MG	Both
TAB,RAPID DISINTEGRATE	MG	Both
TAB,SA	GM	Both
	MEQ	Both
	MG	Both
TAB,SOLUBLE	MG	Both
TAB,SUBLINGUAL	MG	Both
TAB,VAG	MG	Both
	UNT	Both
TAMPON	MG	Inpatient
TAPE	MCG/SQCM	Inpatient
TINCTURE	MG/5ML	Inpatient
	MG/ML	Inpatient
TROCHE	MG	Inpatient
WAFER	GM	Inpatient
	MG	Inpatient

7.0 Appendix B: Original Drug Text File Entries Combinations

The National Formulary Restriction Text is the original text exported with the DRUG TEXT file (#51.7) and automatically linked to the Drug File entries based on the VA Product match. No Orderable Item file entries were automatically linked with the DRUG TEXT file(#51.7). These entries can't be deleted, but will not display in EHR if they are not tied to a Pharmacy Orderable Item.

DRUG TEXT file (#51.7) Entry	National Formulary Restriction Text
HYPERTENSION-VA/DOD	Refer to VA/DoD Hypertension treatment guidelines
SPINAL CORD,NEUROLOGY,REHAB	RESTRICTED TO SPINAL CORD INJURY,NEUROLOGY,AND REHABILITATION
HIV/AIDS	Refer to HIV/AIDS TAG treatment guidelines
DIABETES	Refer to PBM/MAP and PBM/TAG Diabetes treatment guidelines
CHF	Refer to PBM/MAP CHF treatment guidelines
GERD	Refer to PBM/MAP GERD treatment guidelines
PUD	Refer to PBM/MAP PUD treatment guidelines
COPD	Refer to VA/DoD COPD treatment guidelines
DIHYDROPYRIDINE CALCIUM ANTAGONISTS	Refer to PBM/MAP criteria for use of long-acting dihydropyridine calcium antagonists
HYPERLIPIDEMIA	Refer to VA/DoD Hyperlipidemia treatment guidelines
NEUROLOGY	RESTRICTED TO NEUROLOGY
SMOKING CESSATION	RESTRICTED TO SMOKING CESSATION PROGRAMS
BPH	Refer to PBM/MAP benign Prostatic Hyperplasia treatment guidelines
ATORVASTATIN	Refer to PBM/MAP criteria for use of atorvastatin
TROVAFLOXACIN	Refer to PBM/MAP criteria for use of trovafloxacin
THIAZOLIDINEDIONES	Refer to PBM/MAP criteria for use of thiazolidinediones
LANSOPRAZOLE	Refer to PBM/MAP dosing guidelines for lansoprazole
CELECOXIB	Refer to PBM/MAP criteria for use of celecoxib

DRUG TEXT file (#51.7) Entry	National Formulary Restriction Text
BECALPERMIN	Refer to PBM/MAP criteria for use of becalpermin
DEPRESSION	Refer to PBM/MAP Depression treatment guidelines
ALBUMIN	Refer to PBM/MAP guidelines for use of albumin
HYPERTENSION/CHF-VA/DOD-PBM/MAP	Refer to VA/DoD Hypertension treatment and PBM/MAP CHF treatment guidelines
HYPERTENSION/CHF/DIABETES	Refer to PBM/MAP Hypertension treatment and CHF treatment guidelines and PBM/TAG Diabetes treatment guidelines
HYPERTENSION-PBM/MAP	Refer to PBM/MAP Hypertension treatment guidelines
REVIEW	Class review in progress
HYPERTENSION/CHF-PBM	Refer to PBM/MAP Hypertension treatment and CHF treatment guidelines
ALZHEIMER'S	Refer to Pharmacologic Management of Cognitive Changes in Alzheimer's Disease
BPH/HYPERTENSION	Refer to PBM/MAP benign Prostatic Hyperplasia treatment and Hypertension treatment guidelines

8.0 Appendix C: Admin Schedules (Spanish Translations)

The Outpatient Language Modifications patch PSS*1*47 provides the functionality to print prescription labels in a language other than English. Enabling this functionality requires setting certain flags and completing several setup steps, including populating fields used for the Sig with equivalent terms in the specified other language. The following table provides Spanish equivalents for some of the more common Administration Schedules.

Note: translations in this table may require modifications for different dialects.

ADMIN SCHEDULE	OUTPATIENT EXPANSION	OUTPATIENT SPANISH EXPANSION
AM	DAILY IN THE MORNING	DIARIAMENTE EN LA MANANA
AM-HS	AT MORNING AND AT BEDTIME	EN LA MANANA Y AL ACOSTARSE
AM-PM	AT MORNING AND IN THE AFTERNOON	EN LA MANANA Y EN LA TARDE
AM-PMI	MORNING AND EVENING	EN LA MANANA Y EN LA TARDE
BID	TWO TIMES A DAY	DOS VECES AL DIA
BID &HS	TWO TIMES A DAY AND AT BEDTIME	DOS VECES AL DIA Y AL ACOSTARSE
DAILY	EVERY DAY	DIARIAMENTE
FR-SA	FRIDAY AND SATURDAY	VIERNES Y SABADO
FRIDAY	FRIDAY	VIERNES
HS	AT BEDTIME	AL ACOSTARSE
MO-FR	MONDAY AND FRIDAY	LUNES Y VIERNES
MO-TH	MONDAY AND THURSDAY	LUNES Y JUEVES
MO-TU	MONDAY AND TUESDAY	LUNES Y MARTES
MO-TU-FR	MONDAY, TUESDAY, FRIDAY	LUNES, MARTES Y VIERNES
MO-TU-FR-SA	MONDAY, TUESDAY, FRIDAY AND SATURDAY	LUNES, MARTES, VIERNES Y SABADO
MO-TU-TH-FR-SA	MONDAY, TUESDAY, THURSDAY, FRIDAY AND SATURDAY	LUNES, MARTES, JUEVES, VIERNES Y SABADO
MO-TU-TH-SA	MONDAY, TUESDAY, THURSDAY AND SATURDAY	LUNES, MARTES, JUEVES Y SABADO
MO-TU-WE	MONDAY, TUESDAY, WEDNESDAY	LUNES, MARTES Y MIERCOLES
MO-TU-WE-TH	MONDAY, TUESDAY, WEDNESDAY AND THURSDAY	LUNES, MARTES, MIERCOLES Y JUEVES
MO-TU-WE-TH-FR	MONDAY, TUESDAY, WEDNESDAY, THURSDAY AND FRIDAY	LUNES, MARTES, MIERCOLES, JUEVES Y VIERNES

ADMIN SCHEDULE	OUTPATIENT EXPANSION	OUTPATIENT SPANISH EXPANSION
MO-TU-WE-TH-FR-SA	MONDAY THRU SATURDAY	DE LUNES A SABADO
MO-TU-WE-TH-SA	MONDAY, TUESDAY, WEDNESDAY, THURSDAY AND SATURDAY	LUNES, MARTES, MIERCOLES, JUEVES Y SABADO
MO-WE	MONDAY AND WEDNESDAY	LUNES Y MIERCOLES
MO-WE-FR	MONDAY, WEDNESDAY AND FRIDAY	LUNES, MIERCOLES Y VIERNES
MO-WE-FR	MONDAY, WEDNESDAY AND FRIDAY	LUNES, MIERCOLES Y VIERNES
MO-WE-FR	MONDAY, WEDNESDAY AND FRIDAY	LUNES, MIERCOLES Y VIERNES
MO-WE-FR-SA	MONDAY, WEDNESDAY, FRIDAY AND SATURDAY	LUNES, MIERCOLES, VIERNES Y SABADO
MO-WE-SA	MONDAY, WEDNESDAY AND SATURDAY	LUNES, MIERCOLES Y SABADO
MO-WE-TH-FR	MONDAY, WEDNESDAY, THURSDAY AND FRIDAY	LUNES, MIERCOLES, JUEVES Y VIERNES
MONDAY	MONDAY	LUNES
MONTHLY	MONTHLY	MENSUALMENTE
NOW	NOW	AHORA
ONCE	ONCE	UNA SOLA VEZ
ONE TIME	ONE-TIME	UNA SOLA VEZ
PC&HS	AFTER MEALS AND AT BEDTIME	DESPUES DE LAS COMIDAS Y AL ACOSTARSE
PM	DAILY IN THE AFTERNOON	DIARIAMENTE EN LA TARDE
Q12H	EVERY 12 HOURS	CADA DOCE HORAS
Q12WEEKS	EACH TWELVE WEEKS	CADA 12 SEMANAS
Q15D	EVERY 15 DAYS	CADA 15 DIAS
Q1H	EVERY HOUR	CADA HORA
Q20D	EVERY 20 DAYS	CADA 20 DIAS
Q21D	EVERY 21 DAYS	CADA 21 DIAS
Q24H	EVERY 24 HOURS	CADA 24 HORAS
Q28D	EVERY 28 DAYS	CADA 28 DIAS
Q29D	EVERY 29 DAYS	CADA 29 DIAS
Q2H	EVERY 2 HOURS	CADA DOS HORAS
Q2MONTHS	EVERY TWO MONTHS	CADA DOS MESES
Q2WEEK	EVERY TWO WEEKS	CADA DOS SEMANAS
Q30D	EVERY 30 DAYS	CADA 30 DIAS
Q30MIN	EVERY 30 MINUTES	CADA 30 MINUTOS

ADMIN SCHEDULE	OUTPATIENT EXPANSION	OUTPATIENT SPANISH EXPANSION
Q3D	EVERY 3 DAYS	CADA 3 DIAS
Q3H	EVERY 3 HOURS	CADA 3 HORAS
Q3MONTHS	EVERY THREE MONTHS	CADA TRES MESES
Q3WEEK	EVERY THREE WEEKS	CADA TRES (3) SEMANAS
Q48H	EVERY 48 HOURS	CADA 48 HORAS
Q4D	EVERY 4 DAYS	CADA 4 DIAS
Q4H	EVERY 4 HOURS	CADA 4 HORAS
Q4WEEK	EVERY FOUR WEEKS	CADA CUATRO (4) SEMANAS
Q5D	EVERY 5 DAYS	CADA 5 DIAS
Q5MIN	EVERY 5 MINUTES	CADA 5 MINUTOS
Q6H	EVERY 6 HOURS	CADA 6 HORAS
Q72H	EVERY 72 HOURS	CADA 72 HORAS
Q7D	EVERY 7 DAYS	CADA 7 DIAS
Q8H	EVERY 8 HOURS	CADA 8 HORAS
Q96H	EACH 96 HOURS	CADA 96 HORAS
QAM	EVERY MORNING	DIARIAMENTE EN LA MANANA
QD	DAILY	DIARIAMENTE
QD1300	EVERY DAY AT 1:00 PM	CADA DIA A LA 1:00 PM
QD5	FIVE TIMES A DAY	CINCO VECES AL DIA
QDAM	EVERY MORNING	CADA MANANA
QDHS	DAILY AT BEDTIME	DIARIAMENTE AL ACOSTARSE
QDI	DAILY	DIARIAMENTE
QDMD	DAILY AT NOON	DIARIAMENTE AL MEDIODIA
QDPM	DAILY IN THE EVENING	DIARIAMENTE EN LA TARDE
QH	EVERY HOUR	CADA HORA
QID	FOUR TIMES A DAY	CUATRO VECES AL DIA
QOD	EVERY OTHER DAY	UN DIA SI Y OTRO NO
QWEEK	WEEKLY	CADA SEMANA
SATURDAY	SATURDAY	SABADO
SU-FR	SUNDAY AND FRIDAY	DOMINGO Y VIERNES
SU-FR-SA	SUNDAY,FRIDAY AND SATURDAY	DOMINGO ,VIERNES Y SABADO

ADMIN SCHEDULE	OUTPATIENT EXPANSION	OUTPATIENT SPANISH EXPANSION
SU-MO-FR	SUNDAY , MONDAY AND FRIDAY	DOMINGO , LUNES Y VIERNES
SU-MO-TH	SUNDAY,MONDAY,THURSDAY	DOMINGO,LUNES Y JUEVES
SU-MO-TU	SUNDAY,MONDAY AND TUESDAY	DOMINGO,LUNES Y MARTES
SU-MO-TU-FR	SUNDAY,MONDAY,TUESDAY AND FRIDAY	DOMINGO,LUNES,MARTES Y VIERNES
SU-MO-TU-FR-SA	SUNDAY,MONDAY,TUESDAY,FRIDAY,SATURDAY	DOMINGO,LUNES,MARTES,VIERNES Y SABADO
SU-MO-TU-SA	SUNDAY ,MONDAY, TUESDAY AND SATURDAY	DOMINGO, LUNES,MARTES Y SABADO
SU-MO-TU-TH-FR	SUNDAY,MONDAY,TUESDAY,THURSDAY AND FRIDAY	DOMINGO,LUNES,MARTES,JUEVES Y VIERNES
SU-MO-TU-TH-FR-SA	SUNDAY,MONDAY,TUESDAY,THURSDAY,FRIDAY AND SATURDAY	DOMINGO,LUNES,MARTES,JUEVES,VIERNES Y SABADO
SU-MO-TU-TH-SA	SUNDAY,MONDAY,TUESDAY,THURSDAY AND SATURDAY	DOMINGO,LUNES,MARTES,JUEVES Y SABADO
SU-MO-TU-WE-FR	SUNDAY,MONDAY,TUESDAY,WEDNESDAY,FRIDAY	DOMINGO,LUNES,MARTES,MIERCOLES Y VIERNES
SU-MO-TU-WE-FR-SA	SUNDAY,MONDAY,TUESDAY,WEDNESDAY,FRIDAY,SATURDAY	DOMINGO,LUNES,MARTES,MIERCOLES,VIERNES Y SABADO
SU-MO-TU-WE-TH	SUNDAY, MONDAY,TUESDAY,WEDNESDAY,THURSDAY	DOMINGO,LUNES,MARTES,MIERCOLES Y JUEVES
SU-MO-TU-WE-TH-FR	SUNDAY THRU FRIDAY	DE DOMINGO A VIERNES
SU-MO-TU-WE-TH-SA	SUNDAY,MONDAY,TUESDAY,WEDNESDAY,THURSDAY,SATURDAY	DOMINGO,LUNES,MARTES,MIERCOLES,JUEVES Y SABADO
SU-MO-WE	SUNDAY,MONDAY AND WEDNESDAY	DOMINGO,LUNES Y MIERCOLES
SU-MO-WE-FR	SUNDAY,MONDAY,WEDNESDAY AND FRIDAY	DOMINGO,LUNES,MIERCOLES Y VIERNES
SU-MO-WE-FR-SA	SUNDAY,MONDAY,WEDNESDAY,FRIDAY AND SATURDAY	DOMINGO,LUNES,MIERCOLES,VIERNES Y SABADO
SU-MO-WE-TH-FR	SUNDAY,MONDAY,WEDNESDAY,THURSDAY AND FRIDAY	DOMINGO,LUNES,MIERCOLES,JUEVES Y VIERNES
SU-MO-WE-TH-FR-SA	SUNDAY,MONDAY AND WEDNESDAY THRU SATURDAY	DOMINGO,LUNES Y DE MIERCOLES A SABADO
SU-SA	SUNDAY AND SATURDAY	DOMINGO Y SABADO
SU-TH-FR-SA	SUNDAY ,THURSDAY , FRIDAY AND SATURDAY	DOMINGO, JUEVES, VIERNES Y SABADO
SU-TU-SA	SUNDAY , TUESDAY AND SATURDAY	DOMINGO,MARTES Y SABADO
SU-TU-TH	SUNDAY,TUESDAY,THURSDAY	DOMINGO,MARTES Y JUEVES
SU-TU-TH-FR-SA	SUNDAY,TUESDAY,THURSDAY,FRIDAY AND SATURDAY	DOMINGO,MARTES,JUEVES,VIERNES Y SABADO
SU-TU-TH-SA	SUNDAY,TUESDAY,THURSDAY AND SATURDAY	DOMINGO,MARTES,JUEVES Y SABADO
SU-TU-TH-SA	SUNDAY,TUESDAY,THURSDAY AND SATURDAY	DOMINGO,MARTES,JUEVES Y SABADO
SU-TU-WE-TH-FR-SA	SUNDAY AND TUESDAY THRU SATURDAY	DOMINGO Y DE MARTES A SABADO

ADMIN SCHEDULE	OUTPATIENT EXPANSION	OUTPATIENT SPANISH EXPANSION
SU-TU-WE-TH-SA	SUNDAY, TUESDAY, WEDNESDAY, THURSDAY AND SATURDAY	DOMINGO, MARTES, MIERCOLES, JUEVES Y SABADO
SU-WE	SUNDAY AND WEDNESDAY	DOMINGO Y MIERCOLES
SU-WE-FR	SUNDAY, WEDNESDAY AND FRIDAY	DOMINGO , MIERCOLES Y VIERNES
SUNDAY	SUNDAY	DOMINGO
TH	THURSDAY	JUEVES
TH-FR	THURSDAY, FRIDAY	JUEVES Y VIERNES
TH-SA	THURSDAY AND SATURDAY	JUEVES Y SABADO
THURSDAY	THURSDAY	JUEVES
TID	THREE TIMES A DAY	TRES VECES AL DIA
TID & HS	THREE TIMES A DAY AND AT BEDTIME	TRES VECES AL DIA Y AL ACOSTARSE
TID 1/2HR-AC	THREE TIMES A DAY, HALF HOUR BEFORE MEALS	TRES VECES AL DIA, MEDIA HORA ANTES DE LAS COMIDAS
TID 1/2HR.AC&HS	HALF HOUR BEFORE MEALS AND AT BEDTIME	MEDIA HORA ANTES DE LAS COMIDAS Y AL ACOSTARSE
TID 1HR-PC&HS	ONE HOUR AFTER MEALS AND AT BEDTIME	UNA HORA DESPUES DE LAS COMIDAS Y AL ACOSTARSE
TU	TUESDAY	MARTES
TU-FR	TUESDAY AND FRIDAY	MARTES Y VIERNES
TU-SA	TUESDAY AND SATURDAY	MARTES Y SABADO
TU-SA	TUESDAY AND SATURDAY	MARTES Y SABADO
TU-TH	TUESDAY AND THURSDAY	MARTES Y JUEVES
TU-TH-FR	TUESDAY, THURSDAY AND FRIDAY	MARTES, JUEVES Y VIERNES
TU-TH-SA	TUESDAY, THURSDAY AND SATURDAY	MARTES , JUEVES Y SABADO
TU-TH-SA	TUESDAY-THURSDAY-SATURDAY	MARTES , JUEVES Y SABADO
TU-WE-FR-SA	TUESDAY, WEDNESDAY, FRIDAY, SATURDAY	MARTES, MIERCOLES, VIERNES Y SABADO
TU-WE-TH	TUESDAY, WEDNESDAY AND THURSDAY	MARTES, MIERCOLES Y JUEVES
TUESDAY	TUESDAY	MARTES
WE	WEDNESDAY	MIERCOLES
WE-FR	WEDNESDAY AND FRIDAY	MIERCOLES Y VIERNES
WE-SA	WEDNESDAY AND SATURDAY	MIERCOLES Y SABADO
WE-TH-FR	WEDNESDAY, THURSDAY AND FRIDAY	MIERCOLES, JUEVES Y VIERNES

ADMIN SCHEDULE	OUTPATIENT EXPANSION	OUTPATIENT SPANISH EXPANSION
WE-TH-FR-SA	WEDNESDAY THRU SATURDAY	DE MIERCOLES A SABADO
WEDNESDAY	WEDNESDAY	MIERCOLES
WEEKLY	WEEKLY	SEMANALMENTE

9.0 Appendix D: Dosage Forms (Spanish Translations)

The Outpatient Language Modifications patch PSS*1*47 provides the functionality to print prescription labels in a language other than English. Enabling this functionality requires setting certain flags and completing several setup steps, including populating fields used for the Sig with equivalent terms in the specified other language. The following table provides Spanish equivalents for some of the more common dosage forms.

Note: The translations in this table may require modifications for different dialects.

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
ADAPTER	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
AEROSOL	USE	HACER	FOR	POR	SPRAY(S)	ATOMIZACION(ES)
AEROSOL,ORAL	INHALE	HACER	BY	POR	PUFF(S)	INHALACION(ES)
AEROSOL,RTL	INSERT	INSERTAR	INTO	EN EL	APPLICATOR(S)	APLICADOR(ES)
AEROSOL,TOP	APPLY	APLICAR	TO	PARA	SPRAY(S)	ATOMIZACION(ES)
AEROSOL,VAG	APPLY	APLICAR	TO	EN LA	SPRAY(S)	ATOMIZACION(ES)
APPLICATOR	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
BAG	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
BANDAGE	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
BAR,CHEWABLE	CHEW	MASTICAR	BY	POR	BAR	BARRA
BAR,TOP	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
BEADS,TOP	USE	USAR			AS DIRECTED	SEGUN INDICADO
BELT	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
BLOCK	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
CAP,EC	TAKE	TOMAR	BY	POR	CAPSULE(S)	CAPSULA(S)
CAP,INHL	USE	USAR	BY	PARA	CAPSULE(S)	CAPSULA(S)
CAP,ORAL	TAKE	TOMAR	BY	POR	CAPSULE(S)	CAPSULA(S)
CAP,SA	TAKE	TOMAR	BY	POR	CAPSULE(S)	CAPSULA(S)
CAP,SPRINKLE	TAKE	TOMAR	BY	POR	CAPSULE(S)	CAPSULA(S)
CAP,SPRINKLE,SA	TAKE	TOMAR	BY	POR	CAPSULE(S)	CAPSULA(S)

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
CONVEX INSERT	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
CREAM	APPLY	APLICAR	TO	EN	THIN FILM	UNA CAPA FINA
CREAM,ORAL	APPLY	APLICAR	TO	EN LA	THIN FILM	UNA CAPA FINA
CREAM,OTIC	APPLY	APLICAR	TO	EN	THIN FILM	UNA CAPA FINA
CREAM,RTL	INSERT	INSERTAR	INTO	POR EL	APPLICATORFUL	APLICADOR LLENO
CREAM, TOP	APPLY	APLICAR	TO	EN	A THIN FILM	UNA CAPA FINA
CREAM,VAG	INSERT	INSERTAR	INTO	EN LA	ONE APPLICATORFUL	UN APLICADOR LLENO
CRYSTAL	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
DENTAL CONE	USE	UTILIZAR				
DEVICE	USE	USAR			AS INDICATED	SEGUN INDICADO
DIAPHRAGM	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
DISK	USE	USAR			AS DIRECTED	SEGUN INDICADO
DOUCHE	USE	USAR	INTO	EN LA	AS DIRECTED	SEGUN INDICADO
DRAIN	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
DRESSING	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
DRESSING, TOP	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
DROPS,ORAL	TAKE	TOMAR	BY	POR	DROP(S)	GOTA(S)
ELIXIR	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
EMULSION	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
EMULSION, TOP	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
ENEMA	INSERT	INSERTAR	INTO	EN EL	AS DIRECTED	SEGUN INDICADO
ENEMA,RTL	INSERT	INSERTAR	INTO	EN EL	AS DIRECTED	SEGUN INDICADO
EXTRACT	ADMINISTER	ADMINISTRAR			ML(S)	MILILITRO
FACEPLATE	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
FILM	APPLY	APLICAR	OVER	SOBRE	AS DIRECTED	SEGUN INDICADO
FILM,CONT REL	APPLY	APLICAR	OVER	SOBRE	PATCH	PARCHO
FLANGE CAP	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
FLUFF	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
FLUID EXTRACT	TAKE	TOMAR	BY	POR	ML(S)	MILILITRO(S)

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
FOAM, TOP	USE	UTILIZAR			AS DIRECTED	
GAS	INHALE	INHALAR			SEGUN INDICADO	SEGUN INDICADO
GAUZE	USE	USAR				
GEL	USE	USAR	TO	EN LA	THIN FILM	CAPA FINA
GEL, DENT	APPLY	APLICAR	FOR	PARA	AS DIRECTED	SEGUN INDICADO
GEL, NASAL	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
GEL, OPH	APPLY	APLICAR	TO	EN	INCH	PULGADA(S)
GEL, TOP	APPLY	APLICAR	TO	EN	THIN FILM	CAPA FINA
GLOVE	USE	USAR			AS DIRECTED	SEGUN INDICADO
GRAFT, TOP	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
GRANULES	USE	USAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
GRNL, EFFERVSC	TAKE	TOMAR			TEASPOONFUL(S)	CUCHARADITA(S)
GRNL, RCNST-ORAL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
GUM, CHEWABLE	CHEW	MASTICAR	IN	EN LA	PIECE(S)	PIEZA(S)
IMPLANT	INJECT	INYECTAR			AS DIRECTED	SEGUN INDICADO
INHALANT	USE	USAR	BY	POR	PUFF(S)	INHALACION(ES)
INHALATIONS	USE	USAR	BY	POR	PUFF(S)	INHALACION(ES)
INHALER	USE	USAR	BY	POR	PUFF(S)	INHALACION(S)
INHL, NASAL	USE	USAR			SPRAY(S)	ATOMIZACION(ES)
INHL, ORAL	USE	USAR	BY	POR	PUFF(S)	INHALACION(ES)
INJ	ADMINISTER	INYECTAR		ADMINISTRAR		
INJ (IN OIL)	INJECT	INYECTAR		POR		
INJ, CONC	INJECT	INYECTAR		POR		
INJ, CONC, W/BUF	INJECT	INYECTAR		POR		
INJ, CONC-SOLN	INJECT	INYECTAR		POR		
INJ, FROZEN	INJECT	INYECTAR		POR		
INJ, LYPHL	INJECT	INYECTAR		POR		
INJ, PWDR	INJECT	INYECTAR		POR		
INJ, REPOSITORY	INJECT	INYECTAR		POR		
INJ, SOLN	INJECT	INYECTAR				

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
INJ,SOLN (IN OIL)	INJECT	INJECTAR		POR		
INJ,SOLN,LA	INJECT	INJECTAR		POR		
INJ,SOLN,SA	INJECT	INJECTAR		POR		
INJ,SUSP	INJECT	INJECTAR		POR		
INJ,SUSP (IN OIL)	INJECT	INJECTAR		POR		
INJ,SUSP,SA	INJECT	INJECTAR		POR		
INJ,SUSP-DRY,SA	INJECT	INJECTAR		POR		
INJ/IMPLANT	PLACE	PONER		POR	IMPLANT(S)	IMPLANTE(S)
INSERT,CONT REL	INSERT	INSERTAR	IN	EN	AS DIRECTED	SEGUN INDICADO
INSERT,CONT REL,OPH	INSERT	INSERTAR	IN	EN	AS DIRECTED	SEGUN INDICADO
INSERT,VAG	INSERT	INSERTAR	TO	EN LA	AS DIRECTED	SEGUN INDICADO
IRRIGATION SET	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
IRRIGATION SLEEVE	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
IRRIGATOR	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
IUD	INSERT	INSERTAR	BY	POR VIA	AS DIRECTED	SEGUN INDICADO
JELLY	APPLY	APLICAR	TO	EN	THIN FILM	UNA CAPA FINA
JELLY,NASAL	APPLY	APLICAR	IN	EN	THIN FILM	UNA CAPA FINA
JELLY, TOP	APPLY	APLICAR	TO	EN	THIN FILM	UNA CAPA FINA
JELLY,VAG	INSERT	INSERTAR	INTO	DENTRO DE LA	APPLICATORFUL(S)	APLICADOR LLENO
KIT	USE	USAR			AS DIRECTED	SEGUN INDICADO
LANCET	USE	USAR			AS DIRECTED	SEGUN INDICADO
LENS,HARD	PLACE	PONER	INTO	EN	AS DIRECTED	SEGUN INDICADO
LENS,SOFT	PLACE	PONER	INTO	EN	AS DIRECTED	SEGUN INDICADO
LINIMENT	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
LIQUID	TAKE	TOMAR	BY	POR LA	TEASPOONFUL(S)	CUCHARADITA(S)
LIQUID(SF)	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
LIQUID,AEROSOL	APPLY	APLICAR	FOR	PARA	SPRAY(S)	ATOMIZACION(ES)
LIQUID,DENT	APPLY	APLICAR	TO	PARA	AS DIRECTED	SEGUN INDICADO
LIQUID,INHL	USE	UTILIZAR			INHALATION(S)	INHALACIONES
LIQUID,OPH	INSTIL	ECHAR	FOR	PARA	DROP(S)	GOTA(S)

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
LIQUID,ORAL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
LIQUID,OTIC	INSTILL	ECHAR	IN	EN	DROP(S)	GOTA(S)
LIQUID,RTL	APPLY	APLICAR	IN	EN		
LIQUID,TOP	APPLY	APLICAR	TO	PARA	AS DIRECTED	
LOTION	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
LOTION,TOP	APPLY	APLICAR	TO	EN	AS DIRECTED	SEGUN INDICADO
LOZENGE	DISSOLVE	DISOLVER	IN	EN LA	LOZENGE	TABLETA
MASK	USE	UTILIZAR			AS INDICATED	SEGUN INDICADO
MISCELLANEOUS	USE	USAR			AS DIRECTED	SEGUN INDICADO
MOUTHWASH	USE	UTILIZAR	FOR	PARA	TEASPOONFUL(S)	CUCHARADITA(S)
NEEDLE	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
OIL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
OIL,TOP	APPLY	APLICAR	FOR	PARA	AS DIRECTED	SEGUN INDICADO
OINT,DENT	APPLY	APLICAR	FOR	PARA USO	THIN FILM	UNA CAPA FINA
OINT,OPH	APPLY	APLICAR	TO	A	THIN FILM	UNA CAPA FINA
OINT,RTL	INSERT	INSERTAR	TO	AL	ONE APPLICATORFUL	UN APLICADOR LLENO
OINT,TOP	APPLY	APLICAR	TO	PARA	A THIN FILM	UNA CAPA FINA
OINTMENT	INSERT	INSERTAR	FOR	PARA USO	THIN LAYER	UNA CAPA FINA
OPH	USE	UTILIZAR			DROP(S)	GOTA(S)
OPH IRR	USE	USE	TO	EN	IRRIGATION(S)	IRRIGACION(ES)
OPHTHALMIC,CRC	PLACE	PONER	INTO	EN	THIN FILM	CAPA FINA
PAD	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
PAD,TOP	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
PASTE	APPLY	APLICAR	FOR	PARA	THIN FILM	UNA CAPA FINA
PATCH	APPLY	APLICAR	TO	EN	PATCH	PARCHO
PELLET	INSERT	INSERTAR	BY	POR	PELLET(S)	BOLITA(S)
PILL	TAKE	TOMAR	BY	POR	PILL(S)	PILDORA(S)
POUCH	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
POWDER	USE	USAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
POWDER,AEROSOL	USE	UTILIZAR	FOR	PARA	SPRAY(S)	ATOMIZACION(ES)

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
POWDER,ORAL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
POWDER,RTL	DISOLVE AND INSERT	DISOLVER E INSERTAR	BY	POR	ENEMA(S)	ENEMA(S)
POWDER,SPRAY	APPLY	APLICAR	FOR	PARA	SPRAY(S)	ATOMIZACION(ES)
POWDER,TOP	APPLY	APLICAR	TO	PARA	PACKAGE(S)	SOBRE(S)
PUDDING	TAKE	TOMAR	BY	POR	THE CONTENT OF A CAN	EL CONTENIDO DE UNA LATA
PWDR,EFFERVSC	DISOLVE AND TAKE	DISOLVER Y TOMAR	BY	POR	TABLESPOONFUL(S)	CUCHARADA(S)
PWDR,RENST-ORAL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
RING,VAG	USE	UTILIZAR	BY	POR LA	AS DIRECTED	SEGUN INDICADO
RINSE,ORAL	USE	UTILIZAR	FOR	PARA	TEASPOONFUL(S)	CUCHARADITA(S)
SET	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
SET,INFUSION	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
SHAMPOO	SHAMPOO	LAVAR EL CABELLO			AS DIRECTED	SEGUN INDICADO
SOAP/DETERGENT	WASH AREA	LAVAR AREA			AS DIRECTED	SEGUN INDICADO
SOLN	USE	USAR	BY	POR		
SOLN,CONC	TAKE	TOMAR	BY	POR		
SOLN,INHL	USE	UTILIZAR	IN NEBULIZER FOR	EN NEBULIZADOR POR	MILLILITER(S)	MILITRO(S)
SOLN,IRRG	USE	UTILIZAR	FOR	PARA		
SOLN,NASAL	USE	ECHAR		EN	DROP(S)	GOTA(S)
SOLN,OPH	INSTILL	ECHAR			DROP(S)	GOTA(S)
SOLN,OPH IRRG	USE	UTILIZAR	FOR	PARA		
SOLN,ORAL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
SOLN,OTIC	INSTILL	ECHAR	IN	PARA	DROP(S)	GOTA(S)
SOLN,RTL	INSTILL	INSERTAR	BY	POR EL	CONTENT(S)	CONTENIDO

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
SOLN,SPRAY,NASAL	USE	UTILIZAR	IN	EN	SPRAY(S)	ATOMIZACION(ES)
SOLN, TOP	APPLY	APLICAR	TO	PARA		
SPIRIT	USE	UTILIZAR				
SPONGE	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
SPRAY, TOP	SPRAY	ROCIAR	FOR	PARA	AS DIRECTED	SEGUN INDICADO
STOMA CAP	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
STRIP	USE	UTILIZAR			STRIP AS DIRECTED	TIRILLA SEGUN INDICADO
STRIP,OPH	USE	UTILIZAR	IN	EN	STRIP AS DIRECTED	TIRILLA SEGUN INDICADO
SUPP,RTL	INSERT	INSERTAR	BY	POR EL	SUPPOSITORY	SUPOSITORIO
SUPP,VAG	INSERT	INSERTAR	IN	EN LA	SUPPOSITORY	SUPOSITORIO
SUPPOSITORY	INSERT	INSERTAR	INTO	EN	SUPPOSITORY	SUPOSITORIO
SUSP	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
SUSP(SF)	TAKE	TOMAR	BY	POR	TABLESPOONFUL(S)	CUCHARADA(S)
SUSP,INTRATHECAL	INJECT	INJECTAR	BY	POR VIA		
SUSP,OPH	INSTILL	ECHAR	IN	EN	DROP(S)	GOTA(S)
SUSP,ORAL	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
SUSP,OTIC	INSTILL	ECHAR	IN	EN	DROP(S)	GOTA(S)
SUSP,RTL	INSERT	INSERTAR	IN	EN EL	CONTENT(S)	CONTENIDO
SUSP,SA	TAKE	TOMAR	BY	POR	TABLESPOONFUL(S)	CUCHARADA(S)
SWAB, TOP	APPLY	APLICAR	BY	EN	AS DIRECTED	SEGUN INDICADO
SYRINGE	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
SYRINGE/NDL	USE	UTILIZAR			AS DIRECTED	SEGUN INDICADO
SYRUP	TAKE	TOMAR	BY	POR	TEASPOONFUL(S)	CUCHARADITA(S)
SYRUP,ORAL	TAKE	TOMAR	BY	POR	TABLESPOONFUL(S)	CUCHARADA(S)
SYRUP,SR	TAKE	TOMAR	BY	POR	TABLESPOONFUL(S)	CUCHARADA(S)
TAB	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,BUCC,SA	PLACE	PONER	BETWEEN	ENTRE	TABLET(S)	TABLETA(S)
TAB,BUCCAL	PLACE	PONER	BETWEEN	ENTRE	TABLET(S)	TABLETA(S)

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
TAB,CHEWABLE	CHEW AND SWALLOW	MASTICAR Y TRAGAR			TABLET(S)	TABLETA(S)
TAB,CHEWG GUM	CHEW	MASTICAR			PIECE(S)	PIEZA(S)
TAB,CR	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,EC	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,EC (DELAYED RELEASE)	TAKE	TOMAR			TABLET	TABLETA
TAB,EC,SA	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,EFFERVSC	DISSOLVE	DISOLVER	IN WATER AND TAKE BY	EN AGUA Y TOMAR POR	TABLET(S)	TABLETA(S)
TAB,EFFERVSC, TOP	DISSOLVE IN WATER	DISOLVER EN AGUA	AND APPLY TO	Y APLICAR EN	TABLET(S)	TABLETA(S)
TAB,LA	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,ORAL	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,ORAL DISINTEGRATING	PLACE	PONER	BY	POR	TABLET(S)	TABLETA(S)
TAB,ORAL/VAG						
TAB,RAPID DISINTEGRATE	PLACE	PONER	BY	POR	TABLET(S)	TABLETA(S)
TAB,SA	TAKE	TOMAR	BY	POR	TABLET(S)	TABLETA(S)
TAB,SOLUBLE	DISSOLVE AND APPLY	DISOLVER Y APLICAR	IN	EN	TABLET(S)	TABLETA(S)
TAB,SUBLINGUAL	DISSOLVE	DISOLVER			TABLET(S)	TABLETA(S)
TAB,TEST	USE	USAR	FOR TESTING	PARA PRUEBA	TABLET(S)	TABLETA(S)
TAB,VAG	INSERT	INSERTAR	IN	POR	TABLET(S)	TABLETA(S)
TAMPON	INSERT	INSERTAR	IN	POR	AS DIRECTED	SEGUN INDICADO
TAPE	USE	USAR			AS DIRECTED	SEGUN INDICADO
TEST STRIP	USE	USAR	FOR TESTING	PARA PRUEBA	STRIP AS DIRECTED	TIRILLA SEGUN INDICADO
TINCTURE	TAKE	TOMAR	BY	POR		

DOSAGE FORM	VERB	VERB IN SPANISH	PREPOSITION	PREPOSITION IN SPANISH	NOUN	NOUN IN SPANISH
TINCTURE, TOP	APPLY	APLICAR	TO	PARA	AS DIRECTED	SEGUN INDICADO
TROCHE	DISSOLVE	DISOLVER	BY	POR	TROCHE(S)	TROCISCO(S)
WAFER	USE	USAR			AS DIRECTED	SEGUN INDICADO
WAFER, TOP	USE	USAR			AS DIRECTED	SEGUN INDICADO

10.0 Appendix E: Local Possible Dosages (Spanish Translations)

The Outpatient Language Modifications patch PSS*1*47 provides the functionality to print prescription labels in a language other than English. Enabling this functionality requires setting certain flags and completing several setup steps, including populating fields used for the Sig with equivalent terms in the specified other language. The following table provides Spanish equivalents for some of the more common local possible dosages.

Note: The translations in this table may require modifications for different dialects.

LOCAL POSSIBLE DOSAGE	SPANISH LOCAL DOSAGE
0.05 MILLILITERS	0.05 MILILITROS
0.1 MILLILITERS	0.1 MILILITROS
0.15 MILLILITERS	0.15 MILILITROS
0.18 MILLILITERS	0.18 MILILITROS
0.2 MILLILITERS	0.2 MILILITROS
0.25 MILLILITER	0.25 MILILITRO
0.3 MILLILITERS	0.3 MILILITROS
0.4 MILLILITER OF 120MCG/0.5ML	0.4 MILILITRO DE 120MCG/0.5ML
0.4 MILLILITER OF 80MCG/0.5ML	0.4 MILILITRO DE 80MCG/0.5ML
0.5 MILLIGRAMS	0.5 MILIGRAMOS
0.5 MILLILITER	0.5 MILILITRO
0.5 MILLILITER OF 120MCG/0.5ML	0.5 MILILITRO DE 120MCG/0.5ML
0.5 MILLILITER OF 150MCG/0.5ML	0.5 MILILITRO DE 150MCG/0.5ML
0.5 MILLILITER OF 80MCG/0.5ML	0.5 MILILITRO DE 80MCG/0.5ML
0.9 MILLIGRAM	0.9 MILIGRAMO
1 AMPULE	1 AMPOLLETA
1 RING AS DIRECTED	1 ANILLO SEGUN INDICADO
1 APPLICATORFUL	1 APLICADOR LLENO
1 SPRAY	1 ATOMIZACION
1 CAPSULE	1 CAPSULA
1 TABLESPOONFUL	1 CUCHARADA
1 TEASPOONFUL	1 CUCHARADITA
1 ENEMA	1 ENEMA
1 ENEMA AS DIRECTED	1 ENEMA SEGUN INDICADO
1 DROP	1 GOTTA
1 GRAM	1 GRAMO
1 IMPLANT	1 IMPLANTE
1 PUFF	1 INHALACION
1 MILLIGRAM	1 MILIGRAMO

LOCAL POSSIBLE DOSAGE	SPANISH LOCAL DOSAGE
1 MILLILITER	1 MILILITRO
1 PATCH	1 PARCHO
1 PIECE	1 PIEZA
1 INCH	1 PULGADA
1 AS DIRECTED	1 SEGUN INDICADO
1 PACKET	1 SOBRE
1 SUPPOSITORY	1 SUPOSITORIO
1 TABLET	1 TABLETA
1 STRIP AS DIRECTED	1 TIRILLA SEGUN INDICADO
1 TROCHE	1 TROCISCO
1.2 MILLION UNITS	1.2 MILLONES DE UNIDADES
1.25 GRAMS	1.25 GRAMOS
1.25 MILLILITERS	1.25 MILILITROS
1.5 MILLIGRAMS	1.5 MILIGRAMOS
10 DROPS	10 GOTAS
10 MILLIGRAMS	10 MILIGRAMOS
10 UNITS	10 UNIDADES
100 MILLIGRAMS	100 MILIGRAMOS
1000MG	1000 MILIGRAMOS
1000 UNITS	1000 UNIDADES
10MG (0.2 MILLILITERS)	10MG (0.2 MILILITROS)
10MG (1 MILLILITER)	10MG (1 MILILITRO)
12.5 MILLIGRAMS (0.5 MILLILITER)	12.5 MILIGRAMOS (0.5 MILILITRO)
1200MG	1200 MILIGRAMOS
15 MILLIGRAMS	15 MILIGRAMOS
15 UNITS	15 UNIDADES
150000 UNITS (0.3ML)	150000 UNIDADES (0.3ML)
2 SPRAYS	2 ATOMIZACIONES
2 CAPSULES	2 CAPSULAS
2 TABLESPOONFULS	2 CUCHARADAS
2 TEASPOONFULS	2 CUCHARADITAS
2 DROPS	2 GOTAS
2 GRAMS	2 GRAMOS
2 PUFFS	2 INHALACIONES
2 MILLIGRAMS	2 MILIGRAMOS
2 MILLILITERS	2 MILILITROS
2 PIECES	2 PIEZAS
2 INCH	2 PULGADAS
2 PACKETS	2 SOBRES
2 TABLETS	2 TABLETAS
2.4 MILLION UNITS	2.4 MILLONES DE UNIDADES
2.5 MILLIGRAMS	2.5 MILIGRAMOS
2.5 MILLILITERS	2.5 MILILITROS

LOCAL POSSIBLE DOSAGE	SPANISH LOCAL DOSAGE
20 UNITS	20 UNIDADES
200 MCG(4 MU)(1ML)	200 MCG(4 MU)(1ML)
200 MILLIGRAMS	200 MILIGRAMOS
200 MILLIGRAMS	200 MILIGRAMOS
200 MILLIGRAMS	200 MILIGRAMOS
2000 UNITS	2000 UNIDADES
20MG (2 MILLILITERS)	20MG (2 MILILITROS)
25 MILLIGRAMS	25 MILIGRAMOS
25 UNITS	25 UNIDADES
250 UNITS	250 UNIDADES
3 CAPSULES	3 CAPSULAS
3 TABLESPOONFULS	3 CUCHARADAS
3 DROPS	3 GOTAS
3 MILLIGRAMS	3 MILIGRAMOS
3 MILLILITERS	3 MILILITROS
3 MILLION UNITS	3 MILLONES DE UNIDADES
3 TABLETS	3 TABLETAS
30 MILLIGRAMS	30 MILIGRAMOS
30 UNITS	30 UNIDADES
300 MILLIGRAMS	300 MILIGRAMOS
3000 UNITS	3000 UNIDADES
35 UNITS	35 UNIDADES
4 CAPSULES	4 CAPSULAS
4 TABLESPOONFULS	4 CUCHARADAS
4 TEASPOONFULS	4 CUCHARADITAS
4 LEVEL TEASPOONFULS	4 CUCHARADITAS AL RAS
4 DROPS	4 GOTAS
4 GRAMS	4 GRAMOS
4 MILLIGRAMS	4 MILIGRAMOS
4 TABLETS	4 TABLETAS
40 MILLIGRAMS	40 MILIGRAMOS
40 UNITS	40 UNIDADES
400 MGS (4 TEASPOONFULS)	400 MGS (4 CUCHARADITAS)
4000 UNITS	4000 UNIDADES
45 UNITS	45 UNIDADES
4MG (40 MILLILITERS)	4MG (40 MILILITROS)
5 GRAMS	5 GRAMOS
5 MGS (1.67 MILLILITERS)	5 MGS (1.67 MILILITROS)
5 MILLIGRAMS	5 MILIGRAMOS
5 UNITS	5 UNIDADES
50 MILLIGRAMS	50 MILIGRAMOS
50 UNITS	50 UNIDADES
500 UNITS	500 UNIDADES

LOCAL POSSIBLE DOSAGE	SPANISH LOCAL DOSAGE
5000 UNITS	5000 UNIDADES
6 MILLIGRAMS	6 MILIGRAMOS
6 MILLILITERS	6 MILILITROS
60 MILLIGRAMS	60 MILIGRAMOS
600 MGS(2 TABLESPOONFULS)	600 MGS(2 CUCHARADAS)
600,000 UNITS	600,000 UNIDADES
75 MILLIGRAMS (3 MILLILITERS)	75 MILIGRAMOS (3 MILILITROS)
8 TABLESPOONFULS	8 CUCHARADAS
8 MILLIGRAMS	8 MILIGRAMOS
80 MILLIGRAMS	80 MILIGRAMOS
80 MILLIGRAMS	80 MILIGRAMOS
LOCAL CARE	CUIDADO LOCAL
DISSOLVE WITH 0.7 ML STERILE WATER AND INJECT XX ML	DISOLVER CON 0.7ML DE AGUA ESTERIL E INYECTAR XX ML
TWO APPLICATORSFUL	DOS APLICADORES LLENOS
TWO AND A HALF TEASPOONFULS	DOS Y MEDIA CUCHARADITAS
THE CONTENT OF THE BOTTLE	EL CONTENIDO DE LA BOTELLA
THE CONTENT OF ONE GALLON	EL CONTENIDO DE UN GALON
THE CONTENT OF ONE PACKET	EL CONTENIDO DE UN SOBRE
THE CONTENT OF ONE AMPULE	EL CONTENIDO DE UNA AMPOLLETA
THE CONTENT OF ONE BOTTLE	EL CONTENIDO DE UNA BOTELLA
THE CONTENT OF ONE CAN	EL CONTENIDO DE UNA LATA
HALF TEASPOONFUL	MEDIA CUCHARADITA
HALF INCH	MEDIA PULGADA
HALF TABLET	MEDIA TABLETA
HALF MILLILITER	MEDIO MILILITRO
AS DIRECTED	SEGUN INDICADO
THE WHOLE CONTENT	TODO EL CONTENIDO
1 APPLICATOR	UN APLICADOR
ONE APPLICATORFUL	UN APLICADOR LLENO
A THIN FILM	UNA CAPA FINA
ONE AND A HALF TEASPOONFUL	UNA CUCHARADITA Y MEDIA
A SMALL AMOUNT	UNA PEQUENA CANTIDAD
A SMALL AMOUNT	UNA PEQUENA CANTIDAD
ONE INCH	UNA PULGADA
1 AS DIRECTED	UNA SEGUN INDICADO
ONE AND A HALF TEASPOONFUL	UNA Y MEDIA CUCHARADITA
ONE AND A HALF INCH	UNA Y MEDIA PULGADA

11.0 Appendix F: Medication Instructions (Spanish Translations)

The Outpatient Language Modifications patch PSS*1*47 provides the functionality to print prescription labels in a language other than English. Enabling this functionality requires setting certain flags and completing several setup steps, including populating fields used for the Sig with equivalent terms in the specified other language. The following table provides Spanish equivalents for some of the more common medication instructions that can be entered in the new OTHER MEDICATION INSTRUCTIONS file.

Note: The translations in this table may require modifications for different dialects.

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
828	AT 8AM, 2PM AND 8PM	A LAS 8AM, 2PM Y 8PM
838	8AM, 3PM, AND 8PM	8AM, 3PM Y 8PM
&L	AND LUNCH	Y EL ALMUERZO
()	(AT 8AM, 3PM AND AT BEDTIME)	A LAS 8AM, 3PM Y AL ACOSTARSE
(12)	(NOT MORE THAN 12 A DAY)	(NO MAS DE 12 AL DIA)
(3)	(NO MORE THAN 3 A DAY)	(NO MAS DE 3 AL DIA)
(4)	(NOT MORE THAN 4 A DAY)	(NO MAS DE 4 AL DIA)
(5)	(NO MORE THAN 5 A DAY)	(NO MAS DE 5 AL DIA)
(6)	(NOT MORE THAN 6 A DAY)	(NO MAS DE 6 AL DIA)
(8)	(NOT MORE THAN 8 A DAY)	(NO MAS DE 8 AL DIA)
1,2HPC	1 HR.BEFORE OR 2 HRS. AFTER MEALS	1 HORA ANTES O 2 HORAS DESPUES DE LAS COMIDAS
13H	ONE AND THREE HOURS	UNA Y TRES HORAS
13HPC	ONE & THREE HOURS AFTER MEALS	UNA Y TRES HORAS DESPUES DE LAS COMIDAS
15BB	15 MINUTES BEFORE BATH	15 MINUTOS ANTES DEL BANO
1ATO	SPRAY ONCE	UNA ATOMIZACION
1D	INSTILL ONE DROP	ECHAR UNA GOTTA
1DAY	THE FIRST DAY	EL PRIMER DIA
1HAC	ONE HOUR BEFORE MEALS	UNA HORA ANTES DE LAS COMIDAS
1HPC	1 HOUR AFTER MEALS	1 HORA DESPUES DE LAS COMIDAS

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
1HRPCHS	ONE HOUR AFTER MEALS AND AT BEDTIME	UNA HORA DESPUES DE LAS COMIDAS Y AL ACOSTARSE
1HS	AND 1 AT BEDTIME	Y UNA AL ACOSTARSE
1I	ONE INHALATION	UNA INHALACION
1PM	AT 1:00 PM	A LA 1:00 PM
1V	AT ONE TIME	DE UNA SOLA VEZ
23D	2-3 TIMES A DAY	2-3 VECES AL DIA
2ATO	SPRAY TWICE	DOS ATOMIZACIONES
2D	INSTILL 2 DROPS	ECHAR 2 GOTAS
2DAY	THE SECOND DAY	EL SEGUNDO DIA
2HS	AND 2 AT BEDTIME	Y DOS AL ACOSTARSE
2I	TWO INHALATIONS	DOS INHALACIONES
30BBM	30 MINUTES BEFORE BREAKFAST AND EVENING MEAL	30 MINUTOS ANTES DEL DESAYUNO Y LA CENA
30M	30 MINUTES	30 MINUTOS
34D	3-4 TIMES A DAY	3-4 VECES AL DIA
3D	INSTILL 3 DROPS	ECHAR 3 GOTAS
3HS	AND 3 AT BEDTIME	Y TRES AL ACOSTARSE
3I	THREE INHALATIONS	TRES INHALACIONES
3PA	NO MORE THAN 3 DOSES PER ATTACK	MAXIMO 3 DOSIS POR ATAQUE
4D	INSTILL 4 DROPS	ECHAR 4 GOTAS
4HS	AND FOUR AT BEDTIME	Y CUATRO AL ACOSTARSE
4I	FOUR INHALATIONS	CUATRO INHALACIONES
5D	INSTILL 5 DROPS	ECHAR 5 GOTAS
5PM	AT 5:00 PM	A LAS 5:00 PM
6PM	AT 6:00 PM	A LAS 6:00 PM
7AM	AT 7:00 AM	A LAS 7:00 AM
9PM	AT 9:00 PM	A LAS 9:00 PM
A1	APPLY 1 INCH TO THE CHEST	APLICAR 1 PULGADA EN EL PECHO
A1P	APPLY ONE PATCH	APLICAR UN PARCHO
A2	APPLY 2 INCHES TO THE CHEST	APLICAR 2 PULGADAS EN EL PECHO

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
A8	AT 8PM ONLY	A LAS 8:00 PM SOLAMENTE
AA	AVOID ALCOHOL WHILE TAKING THIS MEDICINE	EVITE USO DE BEBIDAS ALCOHOLICAS
AAA	AVOID ANTACIDS USE WITH THIS MEDICATION	EVITAR USO DE ANTIACIDOS JUNTO CON EL MEDICAMENTO
AB	AFTER BREAKFAST	DESPUES DEL DESAYUNO
ABM	AFTER EACH BOWEL MOVEMENT	DESPUES DE CADA EVACUACION
ABT	AT BREAKFAST TIME	A LA HORA DEL DESAYUNO
AC	BEFORE MEALS	ANTES DE LAS COMIDAS
ACD	AT ONSET OF HEADACHE	AL COMENZAR EL DOLOR DE CABEZA
AD	INTO RIGHT EAR	EN OIDO DERECHO
ADA	AFFECTED	AFECTADA
ADACID	ADJUST INTAKE OF POTENTIALLY ACID ASH FOOD	AJUSTAR INGESTA DE ALIMENTOS ACIDOS
ADBASIC	ADJUST INTAKE OF POTENTIALLY BASIC FOOD	AJUSTAR INGESTA DE ALIMENTOS ALCALINOS
ADM	ADMINISTER	ADMINISTRAR
ADO	AFFECTED	AFECTADO
AES	AVOID EXPOSURE TO SUNLIGHT	EVITAR EXPOSICION A LA LUZ SOLAR
AF	AFFECTED FOOT	PIE AFECTADO
AFA	INTO AFFECTED EAR	EN OIDO AFECTADO
AFE	ONTO AFFECTED EYE	EN OJO AFECTADO
AGF	AVOID GRAPEFRUIT JUICE	EVITE USO DE JUGO DE TORONJA
AH	AFFECTED HAND	MANO AFECTADA
AHS	AND AT BEDTIME	Y AL ACOSTARSE
AI	IN SELECTED AREA	EN AREA INDICADA
ALBM	AFTER EACH LOOSE BOWEL MOVEMENT	DESPUES DE CADA EVACUACION BLANDA
ALENDRO	BEFORE YOU TAKE ANY FOOD,BEVERAGE OR MEDICINE	ANTES DE INGERIR ALIMENTO,BEBIDA O MEDICINA-
AMN	IN THE MORNING AND AT NOON	EN LA MANANA Y AL MEDIODIA
AMOXI	TAKE 2 TWICE A DAY AFTER BREAKFAST AND SUPPER	TOME 2 VECES AL DIA DESPUES DE DESAYUNO Y CENA
AOP	APPLY ONE PATCH ON AFFECTED AREA	APLICAR UN PARCHO EN AREA INDICADA
AP	APPLY	APLICAR

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
AS3	INSTILL THE CONTENTS OF ONE AMPUL IN THE NEBULIZER	ECHAR EL CONTENIDO DE UNA AMPULA EN EL NEBULIZADOR
ASU	AFTER SUPPER	DESPUES DE LA COMIDA
ATC	AROUND THE CLOCK	DIA Y NOCHE
AU	IN BOTH EARS	EN CADA OIDO
AVCAFF	LIMIT OR AVOID CAFFEINE INTAKE	EVITE O LIMITE TOMAR CAFE
AW	ALTERNATING WITH	ALTERNANDO CON
BARIUUM	STARTING ON	COMENZANDO EN
BB	BEFORE BREAKFAST	ANTES DEL DESAYUNO
BEM	BEFORE THE EVENING MEAL	ANTES DE LA CENA
BID	2 TIMES A DAY	2 VECES AL DIA
BIDAP	TWICE A DAY IN MORNING AND EVENING	2 VECES AL DIA EN LA MANANA Y LA TARDE
BIW	TWO TIMES A WEEK	2 VECES EN SEMANA
BM	BETWEEN MEALS	ENTRE COMIDAS
BMHS	BETWEEN MEALS AND AT BEDTIME	ENTRE COMIDAS Y AL ACOSTARSE
C68H	EVERY 6-8 HOURS	CADA 6-8 HORAS
CAP	CAPSULE	CAPSULA
CH	EVERY HOUR	CADA HORA
CLARI	TAKE 1 TWO TIMES A DAY AFTER BREAKFAST AND SUPPER	TOME UNA 2 VECES AL DIA DESPUES DE DESAYUNO Y CENA
CLOTRI1	DISSOLVE ONE IN MOUTH FOR 10-15 MINUTES & SWALLOW	DISOLVER UNA EN LA BOCA POR 10-15 MINUTOS Y TRAGAR
CLOTRI2	DISSOLVE TWO IN MOUTH FOR 10-15 MINUTES & SWALLOW	DISOLVER DOS EN LA BOCA POR 10-15 MINUTOS Y TRAGAR
CN	IN THE EVENING	CADA NOCHE
CP	CHEST PAIN	DOLOR EN EL PECHO
CS	CHEW AND SWALLOW	MASTICAR Y TRAGAR
CS1	CHEW AND SWALLOW ONE	MASTICAR Y TRAGAR UNA
CS2	CHEW AND SWALLOW TWO	MASTICAR Y TRAGAR DOS
CTS	CHANGE TASTE	CAMBIA SENSITIVIDAD AL GUSTO
D	DROP	GOTA

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
D1	TO SOLVE 1	DISOLVER UNA
D2	TO SOLVE 2	DISOLVER DOS
D25SS	DILUTE 0.25CC IN 5CC OF SALINE SOLUTION	DILUIR 0.25 CC EN 5 CC DE SOLUCION SALINA
D25W	DILUTE 0.25CC IN 5CC OF DISTILLED WATER	DILUIR 0.25 CC EN 5 CC DE AGUA DESTILADA
D34W	DURING THE THIRD AND FOURTH WEEK	DURANTE LA TERCERA Y CUARTA SEMANA
D35SS	DILUTE 0.3CC IN 5CC OF SALINE SOLUTION	DILUIR 0.3 CC EN 5 CC DE SOLUCION SALINA
D35W	DILUTE 0.3CC IN 5CC OF DISTILLED WATER	DILUIR 0.3 CC EN 5 CC DE AGUA DESTILADA
D3SS	DILUTE 0.3CC IN 3CC SOD. CHLORIDE	DILUIR 0.3 CC EN 3 CC DE SOLUCION SALINA
D3W	DILUTE 0.3CC IN 3CC DISTILLED WATER	DILUIR 0.3 CC EN 3 CC DE AGUA DESTILADA
D53SS	DILUTE 0.5CC IN 3CC OF SALINE SOLUTION	DILUIR 0.5 CC EN 3 CC DE SOLUCION SALINA
D53W	DILUTE 0.5CC IN 3CC OF DISTILLED WATER	DILUIR 0.5 CC EN 3 CC DE AGUA DESTILADA
D5SS	DILUTE 0.5CC IN 5CC OF SOD. CHLORIDE	DILUIR 0.5 CC EN 5 CC DE SOLUCION SALINA
D5W	DILUTE 0.5CC IN 5CC OF DISTILLED WATER	DILUIR 0.5 CC EN 5 CC DE AGUA DESTILADA
D8A	MIXED IN 8 OUNCES OF WATER	DISUELTA EN 8 ONZAS DE AGUA
D8J	MIXED IN 8 OUNCES OF JUICE	DISUELTA EN 8 ONZAS DE JUGO
DA	RIGHT	DERECHA
DBS	BEGINNING THE DAY BEFORE THE STUDY	COMENZANDO EL DIA ANTES DEL ESTUDIO
DC1S	CONTENTS OF 1 PACKET IN 8 1/2 OZ OF WATER AND TAKE	EL CONTENIDO DE UN SOBRE EN 8 1/2 ONZAS DE AGUA Y TOMAR
DI	DISSOLVE	DISOLVER
DIL	DILUTED	DILUIDA
DILO	DILUTED	DILUIDO
DILOS	DILUTED	DILUIDOS
DILS	DILUTED	DILUIDAS
DIS	DISSOLVED	DISUELTA
DISS	DISSOLVED	DISUELTAS
DNCC	DON'T CRUSH OR CHEW	NO TRITURAR NI MASTICAR
DNCCS	DON'T CHEW, CRUSH OR SPLIT	NO TRITURAR, MASTICAR NI PARTIR
DO	RIGHT	DERECHO
DOME1	ONE TABLET DISSOLVED IN 1 LITER OF WATER	DISOLVER 1 TABLETA EN 1 LITRO DE AGUA

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
DOME2	ONE OR TWO TABLETS DISSOLVED IN 1 LITER OF WATER	DISOLVER 1 O 2 TABLETAS EN 1 LITRO DE AGUA
DSM	DISSOLVE SLOWLY IN THE MOUTH	DISOLVER LENTAMENTE EN LA BOCA
DTF	MUST BE DOCUMENTED ON TREATMENT FORM 10-2970C	DEBE SER DOCUMENTADO EN LA FORMA DE TRATAMIENTO 10-2970C
E1	TAKE ONE CAN DAILY	TOMAR EL CONTENIDO DE UNA LATA DIARIAMENTE
E2	TAKE ONE CAN TWICE A DAY	TOMAR EL CONTENIDO DE UNA LATA DOS VECES AL DIA
E3	TAKE ONE CAN 3 TIMES A DAY	TOMAR EL CONTENIDO DE UNA LATA 3 VECES AL DIA
E4	TAKE ONE CAN 4 TIMES A DAY	TOMAR EL CONTENIDO DE UNA LATA 4 VECES AL DIA
ED	SPACE ALL EYE DROPS AT LEAST 5 MINUTES APART	ESPACIAR LAS GOTAS AL MENOS CON 5 MINUTOS DE DIFERENCIA
ENEMA	FOR THE STUDY OF	PARA EL ESTUDIO DE
EOW	EVERY OTHER WEEK	UNA SEMANA SI Y OTRA NO
EP14	MIX 1/2 CUP IN 6 OZ OF COLD WATER AND TAKE	DISOLVER 1/2 TAZA EN 6OZ DE AGUA PARA TOMAR
EPM	TO PALMS	EN LA PALMA DE LAS MANOS
EPP	TO SOLES	EN LA PLANTA DE LOS PIES
EU	EXTERNAL USE	USO EXTERNO
EXT	EXTERNALLY	EXTERNAMENTE
F	FOR	PARA
F10	FOR TEN DAYS	POR DIEZ DIAS
F12	FOR 12 DAYS	POR 12 DIAS
F14	FOR 14 DAYS	POR 14 DIAS
F15	FOR 15 DAYS	POR 15 DIAS
F1D	FOR ONE DAY	POR UN DIA
F2	FOR 2 DAYS	POR 2 DIAS
F21	FOR 21 DAYS	POR 21 DIAS
F28	FOR 28 DAYS	POR 28 DIAS
F2D	FOR TWO DAYS	POR DOS DIAS
F3	FOR 3 DAYS	POR 3 DIAS
F3D	FOR THREE DAYS	POR TRES DIAS

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
F4	FOR 4 DAYS	POR 4 DIAS
F4W	FOR 4 WEEKS	POR 4 SEMANAS
F5	FOR FIVE DAYS	POR CINCO DIAS
F6	FOR 6 DAYS	POR 6 DIAS
F60	(MEDICATIONS FOR 60 DAYS)	(MEDICAMENTOS PARA 60 DIAS)
F7	FOR 7 DAYS	POR 7 DIAS
F8	FOR EIGHT DAYS	POR OCHO DIAS
F90	(MEDICATIONS FOR 90 DAYS)	(MEDICAMENTOS PARA 90 DIAS)
FA	FOR HEARTBURN	PARA ACIDEZ
FAC	FOR A COLD	PARA CATARRO
FAL	FOR ALLERGY	PARA ALERGIA
FANE	FOR ANEMIA	PARA ANEMIA
FANX	FOR ANXIETY	PARA LA ANSIEDAD
FAP	FOR ABDOMINAL PAIN	PARA DOLOR ABDOMINAL
FAR	FOR ARTHRITIS	PARA ARTRITIS
FAS	FOR ASTHMA	PARA ASMA
FBC	TO AVOID BLOOD COAGULATION	PARA EVITAR COAGULOS EN LA SANGRE
FBO	FROM BOTTLE	DEL FRASCO
FBP	FOR BLOOD PRESSURE	PARA LA PRESION
FBS	FOR SITZ BATH	PARA BANOS DE ASIENTO
FC	FOR COUGH	PARA LA TOS
FCHOL	FOR CHOLESTEROL	PARA COLESTEROL
FCIR	FOR CIRCULATION	PARA LA CIRCULACION
FCON	FOR CONSTIPATION	PARA EL ESTREÑIMIENTO
FCP	FOR CHEST PAIN	PARA DOLOR EN EL PECHO
FD	FOR DIARRHEA	PARA DIARREA
FDEP	FOR DEPRESSION	PARA DEPRESION
FDI	FOR DIZZINESS	PARA MAREOS
FDIAB	FOR DIABETES	PARA DIABETES
FDRY	FOR DRYNESS	PARA RESEQUEDAD

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
FED	FOR EDEMA	PARA EDEMA
FEL	FOR EYELIDS	PARA LOS PARPADOS
FENTANYL	APPLY ONE PATCH AS INDICATED EVERY 72 HOURS	APLICAR UN PARCHO EN AREA INDICADA CADA 72 HORAS
FF	FOR FLUIDS	PARA FLUIDOS
FFI	FOR FUNGI INFECTION	PARA INFECCION DE HONGO
FG	FOLLOWED BY A GLASS OF WATER	SEGUIDO DE UN VASO DE AGUA
FGA	FOR GASTRITIS	PARA GASTRITIS
FGLAU	FOR GLAUCOMA	PARA GLAUCOMA
FGOUT	FOR GOUT	PARA GOTA
FH	FOR HEART	PARA EL CORAZON
FHA	FOR HEADACHE	PARA DOLOR DE CABEZA
FHBP	FOR HIGH BLOOD PRESSURE	PARA LA PRESION ALTA
FHG	FOLLOWED BY 1/2 GLASS OF WATER	SEGUIDO DE 1/2 VASO DE AGUA
FI	FOR INFECTION	PARA INFECCION
FID	5 TIMES A DAY	5 VECES AL DIA
FII	TO INJECT INSULIN	PARA INYECTAR INSULINA
FIN	FOR INSOMNIA	PARA INSOMNIO
FINC	FOR INCONTINENCE	PARA INCONTINENCIA
FINFEC	FOR INFECTION	PARA INFECCION
FINFL	FOR INFLAMATION	PARA LA INFLAMACION
FIR	FOR IRRITATION	PARA IRRITACION
FIT	FOR ITCHING	PARA PICOR
FJP	FOR JOINT PAIN	PARA DOLOR EN LAS COYUNTURAS
FLC	FOR LEG CRAMPS	PARA CALAMBRES EN LAS PIERNAS
FLCU	FOR LOCAL CARE OF THE ULCER	PARA CUIDADO LOCAL DE LA ULCERA
FLED	FOR LEGS EDEMA	PARA EDEMA DE LAS PIERNAS
FLEET	THE NIGHT BEFORE THE STUDY AND 1 THE NEXT MORNING	LA NOCHE ANTES DEL ESTUDIO,UNA LA MANANA SIGUIENTE
FME	FOR MEMORY	PARA LA MEMORIA

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
FMEN	FOR MENTAL HEALTH CONDITION	PARA CONDICION MENTAL
FMIG	FOR MIGRAINE	PARA MIGRANA
FMS	FOR MUSCLE SPASM	PARA ESPASMO MUSCULAR
FN	FOR NERVES	PARA LOS NERVIOS
FNA	FOR NAUSEA	PARA NAUSEA
FNC	FOR NASAL CONGESTION	PARA CONGESTION NASAL
FP	FOR PAIN	PARA DOLOR
FPARK	FOR PARKINSON'S DISEASE	PARA PARKINSON
FPF	FOR PAIN AND/OR FEVER	PARA DOLOR Y/O FIEBRE
FPM	DOCUMENT ON VAF 672-241-10-97-118 PAIN FLOW SHEET	DOCUMENTAR EN "VAF 672-241-10-97-118 PAIN FLOW SHEET"
FPROS	FOR PROSTATE	PARA LA PROSTATA
FPSO	FOR PSORIASIS	PARA PSORIASIS
FR	FOR REST	PARA DESCANSAR
FREF	FOR REFLUX	PARA EL REFLUJO
FSB	FOR SHORTNESS OF BREATH	PARA RESPIRACION ENTRECORTADA
FSEI	FOR SEIZURES	PARA CONVULSIONES
FSI	FOR SINUS	PARA SINUSITIS
FSL	FOR SLEEP	PARA DORMIR
FSP	FOR SEVERE PAIN	PARA DOLOR FUERTE
FST	FOR STOMACH	PARA EL ESTOMAGO
FSW	FOR SWELLING	PARA HINCHAZON
FTG	FOR TRIGLYCERIDES	PARA LOS TRIGLICERIDOS
FTYR	FOR THYROIDS	PARA TIROIDES
FUP	FOR URINE PROTEINS	PARA LAS PROTEINAS EN LA ORINA
FUT	FOR GLUCOSE URINE TESTING	PARA PRUEBA DE AZUCAR EN LA ORINA
FVIT	AS VITAMIN OR SUPPLEMENT	COMO VITAMINA O SUPLEMENTO
FW	FOR WHEEZING	PARA PITO ASMATICO
GA	FOR GARGLES	PARA HACER GARGARAS
GOLY	ADD LUKEWARM DRINKING WATER TO THE FILL MARK,	ANADIR AGUA TIBIA HASTA LA MARCA INDICADA

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
H	HOUR	HORA
H2	DISTILLED WATER	AGUA DESTILADA
HS	AT BEDTIME	AL ACOSTARSE
I	INSERT	INSERTAR
I1J	IN 1 GLASS OF JUICE	EN UN VASO DE JUGO
I1W	IN 1 GLASS OF WATER	EN UN VASO DE AGUA
IA	LEFT	IZQUIERDA
IE	IN EARS	EN LOS OIDOS
IGW	IN A GLASS OF WATER OR JUICE	EN UN VASO DE AGUA O JUGO
IJ	IN JUICE	EN JUGO
IM	INTRAMUSCULAR	INTRAMUSCULAR
IMF	DOCUMENT IN VAF 672-244-12-97-11G	DOCUMENTAR EN LA FORMA:VAF 672-244-12-97-11G
INJ	INJECT	INYECTAR
INO	IN NOSTRILS	EN FOSAS NAALES
INS	INSTILL	ECHAR
INTRON	DISOLVE IN 5 ML OF DILUENT, AND INJECT	DISOLVER CON 5 ML DE DILUYENTE E INYECTAR
IO	LEFT	IZQUIERDO
IV	FOR INTRAVENOUS USE	POR VIA INTRAVENOSA
IW	IN WATER	EN AGUA
IWJ	IN WATER OR JUICE	EN AGUA O JUGO
KWELL	APPLY TO BODY (FROM NECK DOWN),	APLICAR DEL CUELLO HACIA ABAJO
L8H	LEAVE FOR 8 HOURS AND REMOVE WELL	DEJAR POR 8 HORAS Y REMOVER BIEN
LANSO	TAKE ONE TWICE A DAY 30 MIN BEFORE BREAKFAST AND A	TOME 1 DOS VECES AL DIA 30 MIN ANTES DEL DESAYUNO Y AL ACOSTARSE
LCC	TO WASH SCALP	LAVAR CUERO CABELLUDO
LE	INTO LEFT EAR	EN OIDO IZQUIERDO
LPD	USE LOW PROTEIN DIET	USE DIETA BAJA EN PROTEINAS
LUPRON	DISSOLVE WITH 1 ML OF DILUENT AND INJECT	DISOLVER CON 1 ML DE DILUYENTE E INYECTAR
M8WJ	MIXED IN 8 OUNCES OF WATER OR JUICE	DISUELTA EN 8 ONZAS DE AGUA O JUGO
MIN	MINUTES	MINUTOS

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
MOU	MILLIONS OF UNITS	MILLONES DE UNIDADES
MP16	MIX 4 LEVEL TABLESPOONS IN 8 OZ OF MILK AND TAKE	MEZCLAR 4 CUCHARADAS RASAS EN 8 ONZAS DE LECHE Y TOMAR
MW	USE FOR MOUTH WASH	USAR PARA LAVADOS BUCALES
N	AT NOON	AL MEDIODIA
NATE	DO NOT LIE DOWN FOR 30 MIN. AFTER YOU TAKE IT	NO SE RECUESTE POR 30 MIN DESPUES DE TOMARLO
NG	Flush the line BEFORE and AFTER med. adm.	LIMPIAR LA LINEA ANTES Y DESPUES DE LA ADMINISTRACION
NHS	DO NOT TAKE AT BEDTIME	NO TOME ANTES DE ACOSTARSE
NS		
NV	FOR NAUSEA AND/OR VOMITING	PARA NAUSEAS Y/O VOMITOS
OAD	ONCE A DAY	UNA VEZ AL DIA
OD	ONTO RIGHT EYE	EN OJO DERECHO
ONF	ON FEET	EN LOS PIES
ONR	ON RASH	EN ERUPCION
ONS	ON SKIN	EN LA PIEL
ONSC	ON SCALP	EN CUERO CABELLUDO
OS	ONTO LEFT EYE	EN OJO IZQUIERDO
OU	ONTO EACH EYE	EN CADA OJO
PC	AFTER MEALS	DESPUES DE LAS COMIDAS
PC&HS	AFTER MEALS AND AT BEDTIME	DESPUES DE LAS COMIDAS Y AL ACOSTARSE
PC&HS PRN	AFTER MEALS AND AT BEDTIME IF NECESSARY	DESPUES DE LAS COMIDAS Y AL ACOSTARSE SI ES NECESARIO
PHOSPHO	(45 ML) DILUTED IN 4 OUNCES OF WATER	(45 ML) DILUIDOS EN 4 ONZAS DE AGUA
PLA	PLACE	PONER
PO	BY MOUTH	POR BOCA
PRN	AS NEEDED	CUANDO SEA NECESARIO
PUDM	TAKE 2 TABLESPOONS 7 TIMES A DAY (EVERY 2-4 HOURS)	TOMAR 2 CUCHARADAS 7 VECES AL DIA (CADA 2-4 HORAS)
PUDR	TAKE 3 TABLESPOONS 7 TIMES A DAY (EVERY 2-4 HOURS)	TOMAR 3 CUCHARADAS 7 VECES AL DIA (CADA 2-4 HORAS)

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
PYLORI	THEN TAKE ONE DAILY FOR 15 DAYS (EMPTY STOMACH)	LUEGO TOME UNA DIARIA POR 15 DIAS (ESTOMAGO VACIO)
Q	EVERY	CADA
Q1-2H	EVERY 1-2 HOURS	CADA 1-2 HORAS
Q12H	EVERY 12 HOURS	CADA 12 HORAS
Q12W	EVERY 12 WEEKS	CADA 12 SEMANAS
Q15M	EVERY 15 MINUTES	CADA 15 MINUTOS
Q2-3H	EVERY 2-3 HOURS	CADA 2-3 HORAS
Q2-4H	EVERY 2-4 HOURS	CADA 2-4 HORAS
Q2H	EVERY 2 HOURS	CADA 2 HORAS
Q2W	EVERY TWO WEEKS	CADA 2 SEMANAS
Q34H	EVERY 3-4 HOURS	CADA 3-4 HORAS
Q3D	EVERY 3 DAYS	CADA 3 DIAS
Q3H	EVERY 3 HOURS	CADA 3 HORAS
Q46H	EVERY 4-6 HOURS	CADA 4-6 HORAS
Q4D	EVERY FOUR DAYS	CADA 4 DIAS
Q4H	EVERY 4 HOURS	CADA 4 HORAS
Q5D	EVERY FIVE DAYS	CADA 5 DIAS
Q5M	EVERY 5 MINUTES	CADA 5 MINUTOS
Q6H	EVERY 6 HOURS	CADA 6 HORAS
Q7D	EVERY SEVEN DAYS	CADA 7 DIAS
Q8H	EVERY EIGHT HOURS	CADA 8 HORAS
QAM	EVERY MORNING	CADA MANANA
QAMHS	IN THE MORNING AND AT BEDTIME	EN LA MANANA Y AL ACOSTARSE
QD	DAILY	DIARIA
QDAM	DAILY IN THE MORNING	DIARIAMENTE EN LA MANANA
QDHS	DAILY AT BEDTIME	DIARIAMENTE EN LA NOCHE
QDM	DAILY	DIARIAMENTE
QDPM	DAILY IN THE AFTERNOON	DIARIAMENTE EN LA TARDE
QDS	DAILY	DIARIAS

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
QID	4 TIMES A DAY	4 VECES AL DIA
QIDAC	4 TIMES A DAY BEFORE MEALS & AT BEDTIME	4 VECES AL DIA, ANTES DE LAS COMIDAS Y AL ACOSTARSE
QIDHS	FOUR TIMES A DAY AND AT BEDTIME	4 VECES AL DIA Y AL ACOSTARSE
QIDPC	FOUR TIMES A DAY AFTER MEALS & AT BEDTIME	4 VECES AL DIA DESPUES DE LAS COMIDAS Y AL ACOSTARSE
QM	MONTHLY	CADA MES
QOD	EVERY OTHER DAY	UN DIA SI Y OTRO NO
QPM	EVERY AFTERNOON	CADA TARDE
QW	EVERY WEEK	CADA SEMANA
R	IN RECTUM	POR VIA RECTAL
RC	REPEAT CYCLE AS DIRECTED	REPETIR EL CICLO SEGUN INDICADO
SAL	SALINE SOLUTION	SOLUCION SALINA
SC	SUBCUTANEOUSLY	POR VIA SUBCUTANEA
SD	ON STUDY DAY	EL DIA DEL ESTUDIO
SEN	IF NEEDED	SI ES NECESARIO
SFN	IF NECESSARY	SI FUERA NECESARIO
SL	UNDER THE TONGUE	DEBAJO DE LA LENGUA
SLC	UNDER TONGUE FOR CHEST PAIN	DEBAJO DE LA LENGUA PARA DOLOR EN EL PECHO
SO	TO SOAK	REMOJAR
SODA	7:00PM DAY BEFORE STUDY, 5:00AM THE DAY OF STUDY	7:00PM DIA ANTES DE ESTUDIO, 5:00AM DIA DE ESTUDIO
SP	SPARINGLY	LIGERAMENTE
SPR	SPRAY	ATOMIZAR
SS	SWISH & SWALLOW	HACER BUCHES Y TRAGAR
ST	IMMEDIATELY	INMEDIATAMENTE
SUP	SUPPOSITORY	SUPOSITORIO
T	TAKE	TOMAR
T1	TAKE ONE	TOME UNA
T1/2	TAKE ONE HALF	TOMAR MEDIA

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
T1/2TAB	TAKE ONE HALF TABLET	TOMAR MEDIA TABLETA
T1/2TBL	TAKE ONE HALF TABLESPOONFUL	TOMAR MEDIA CUCHARADA
T1/4	TAKE ONE QUARTER	TOMAR UN CUARTO
T1/4T	TAKE ONE FOURTH TABLET	TOMAR UN CUARTO DE TABLETA
T10	TAKE TEN	TOMAR DIEZ
T11/2T	TAKE ONE AND A HALF TABLET	TOMAR UNA Y MEDIA TABLETA
T11/2TBL	TAKE ONE AND A HALF TABLESPOONFUL	TOMAR UNA CUCHARADA Y MEDIA
T12	TAKE ONE OR TWO	TOMAR UNA O DOS
T1E	TAKE ONE ENVELOPE	TOMAR EL CONTENIDO DE UN SOBRE
T2	TAKE TWO	TOME DOS
T23	TAKE TWO OR THREE	TOMAR DOS O TRES
T3	TAKE THREE	TOME TRES
T4	TAKE FOUR	TOME CUATRO
T5	TAKE FIVE	TOME CINCO
T6	TAKE SIX	TOME SEIS
T7	TAKE SEVEN	TOME SIETE
T8	TAKE EIGHT	TOME OCHO
T8W	TAKE WITH 8 OZ OF WATER	TOMAR CON 8 ONZAS DE AGUA
TAA	TO AFFECTED AREA	EN AREA AFECTADA
TAB	TABLET	TABLETA
TABS	TABLETS	TABLETAS
TBL	TABLESPOONFUL	CUCHARADA
TBLS	TABLESPOONFULS	CUCHARADAS
TC1L	TAKE CONTENT OF ONE CAN	TOMAR EL CONTENIDO DE UNA LATA
TEA	TEASPOONFUL	CUCHARADITA
TEAS	TEASPOONFULS	CUCHARADITAS
TELY	TAKE THE ENTIRE CONTENTS AS DIRECTED	TOMAR EL CONTENIDO EN 4 HORAS SEGUN INDICADO
TESTO	INJECT 1 ML INTRAMUSCULAR EVERY 2 WEEKS	INYECTAR 1 ML INTRAMUSCULAR CADA 2 SEMANAS
TGEN	TO GENITAL AREA	EN AREA GENITAL
TGLU	IN THE GLUTEUS	EN LAS NALGAS

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
TIA	TO INGUINAL AREA	EN AREA INGUINAL
TID	3 TIMES A DAY	3 VECES AL DIA
TIDAC	3 TIMES A DAY BEFORE MEALS	3 VECES AL DIA ANTES DE LAS COMIDAS
TIDHS	3 TIMES A DAY AND AT BEDTIME	3 VECES AL DIA Y AL ACOSTARSE
TIDPC	3 TIMES DAILY AFTER MEALS	3 VECES AL DIA DESPUES DE LAS COMIDAS
TIW	THREE TIMES A WEEK	3 VECES EN SEMANA
TLEX	TO LOWER EXTREMITIES	EN LAS EXTREMIDADES INFERIORES
TLFO	TO LEFT FOOT	EN EL PIE IZQUIERDO
TLUEX	TO LOWER & UPPER EXTREMITIES	EN LAS EXTREMIDADES SUPERIORES E INFERIORES
TR	TO RELAX	PARA RELAJARSE
TRFO	TO RIGHT FOOT	EN EL PIE DERECHO
TTH	TO THE HANDS	EN LAS MANOS
TUEX	TO UPPER EXTREMITIES	A LAS EXTREMIDADES SUPERIORES
TW	TO WASH	PARA LAVAR
TWAA	TO WASH AFFECTED AREA	PARA LAVAR AREA AFECTADA
TWH	TO WASH HAIR	PARA LAVAR EL CABELLO
U	UNIT	UNIDADES
UAH	UPON ARRIVAL HOME	AL LLEGAR A LA CASA
UD	AS DIRECTED	SEGUN INDICADO
UFB	USE FOR BATHING	USAR PARA BANARSE
UFD	USE FOR WET DRESSING	USAR PARA COMPRESAS
UFI	USE FOR INHALATIONS	USAR PARA INHALACIONES
UUD	USE AS DIRECTED	USAR SEGUN INDICADO
VIDEX	TAKE 2 CHEWED, CRUSHED OR DISPENSED IN WATER	TOME 2 MASTICADAS, MOLIDAS O DISPERSAS EN AGUA
W.	WITH	CON
WA	WHILE AWAKE	MIENTRAS ESTE DESPIERTO
WF	WITH FOOD	CON ALIMENTO
WL	WITH LUNCH	CON EL ALMUERZO
WM	WITH MEALS	CON COMIDAS
WMK	WITH MILK OR FATTY MEALS	CON LECHE O PRODUCTOS ALTOS EN GRASA

MED INSTRUCTIONS	EXPANSION	SPANISH EXPANSION
WOMK	WITHOUT DAIRY/IRON FORTIFIED PRODUCTS	SIN PRODUCTOS QUE CONTENGA LECHE O HIERRO

12.0 Appendix G: Medication Routes (Spanish Translations)

The Outpatient Language Modifications patch PSS*1*47 provides the functionality to print prescription labels in a language other than English. Enabling this functionality requires setting certain flags and completing several setup steps, including populating fields used for the Sig with equivalent terms in the specified other language. The following table provides Spanish equivalents for some of the more common medication routes.

Note: The translations in this table may require modifications for different dialects.

MEDICATION ROUTE	OUTPATIENT EXPANSION	SPANISH OUTPATIENT EXPANSION
BLADDER IRRIGATION	BLADDER IRRIGATION	IRRIGACION DE VEJIGA
BOTH EARS	BOTH EARS	AMBOS OIDOS
BOTH EYES	BOTH EYES	EN AMBOS OJOS
BUCCAL	CHEEK AND GUM UNTIL DISSOLVED	LA QUIJADA Y LA ENCIA HASTA QUE SE DISUELVA
CHEWABLE	CHEWABLE	MASTICAR Y TRAGAR
DEEP IM	DEEP INTRAMUSCULAR	INTRAMUSCULAR PROFUNDO
DENTAL	DENTAL USE	USO DENTAL
GARGLE	GARGLE	GARGARAS
GASTROSTOMY	GASTROSTOMY	GASTROSTOMIA
GASTROSTOMY TUBE	GASTROSTOMY TUBE	TUBO DE GASTROSTOMIA
INFILTRATION	INFILTRATION	INFILTRACION
INHALATION	INHALATION	INHALACION
INHALATION NASAL	NASAL INHALATION	
INHALATION ORAL	ORAL INHALATION	
INTRA-ARTERIAL	INTRA-ARTERIAL	VIA INTRA ARTERIAL
INTRA-ARTICULAR	INTRA-ARTICULAR	INTRA-ARTICULAR
INTRA-DYALYSIS	INTRA-DYALYSIS	INTRA-DYALISIS
INTRABURSAL	INTRABURSAL	INTRABURSAL
INTRACARDIAC	INTRACARDIAC	INTRACARDIACO
INTRACAVITY	INTRACAVITY	DENTRO DE LA CAVIDAD
INTRADERMAL	INTRADERMAL	DENTRO DE LA PIEL

MEDICATION ROUTE	OUTPATIENT EXPANSION	SPANISH OUTPATIENT EXPANSION
INTRAFOLLICULAR	INTRAFOLLICULAR	DENTRO DEL FOLICULO
INTRALESIONAL	LOCALIZED LESION	DENTRO DE LA LESION
INTRAMUSCULAR	INTRAMUSCULAR	VIA INTRAMUSCULAR
INTRAOCULAR	INTRAOCULAR	DENTRO DEL OJO
INTRAPERITONEAL	INTRAPERITONEAL USE	VIA INTRAPERITONEAL
INTRAPLEURAL	INTRAPLEURAL	INTRAPLEURAL
INTRASYNOVIAL	INTRASYNOVIAL	INTRASYNOVIAL
INTRATHECAL	INTRATHECAL	INTRATECAL
INTRATHORACIC	INTRATHORACIC	DENTRO DEL TORAX
INTRATRACHEAL	INTRATRACHEAL USE	DENTRO DE LA TRAQUEA
INTRAUTERINE	INTRAUTERINE	DENTRO DEL UTERO
INTRAVENOUS	FOR INTRAVENOUS USE	VIA INTRAVENOSA
INTRAVESICAL	INTRAVESICAL	INTRAVESICAL
IRRIGATION	IRRIGATION	IRRIGACION
IRRIGATION OPHTHALMIC	OPHTHALMIC IRRIGATION	IRRIGACION OFTAMICA
IV PIGGYBACK	INTRAVENOUS USE	VIA INTRAVENOSA
JEJUNOSTOMY	JEJUNOSTOMY	JEJUNOSTOMIA
JEJUNOSTOMY TUBE	JEJUNOSTOMY TUBE	TUBO DE JEJUNOSTOMIA
LEFT EAR	LEFT EAR	OIDO IZQUIERDO
LEFT EYE	LEFT EYE	EN OJO IZQUIERDO
MOUTHWASH	MOUTHWASH	ENJUAGUE BUCAL
NASAL	IN NOSTRILS	LA NARIZ
NASAL	IN NOSTRILS	LA NARIZ
NG TUBE	NASOGASTRIC TUBE	TUBO NASOGASTRICO
OPHTHALMIC	FOR OPHTHALMIC USE	PARA USO OFTALMICO
ORAL	MOUTH	BOCA
ORAL INHALATION	ORAL INHALATION	INHALACION ORAL
ORAL TOPICAL	ORAL TOPICAL USE	USO TOPICO EN LA BOCA
OTIC	AFFECTED EAR	USO OTICO
PERCUTANEOUS	THROUGH THE SKIN	A TRAVES DE LA PIEL

MEDICATION ROUTE	OUTPATIENT EXPANSION	SPANISH OUTPATIENT EXPANSION
RECTAL	RECTUM	RECTO
RIGHT EAR	RIGHT EAR	OIDO DERECHO
RIGHT EYE	RIGHT EYE	EN OJO DERECHO
SUBCUTANEOUS	SUBCUTANEOUSLY	VIA SUBCUTANEA
SUBLINGUAL	UNDER THE TONGUE	DEBAJO DE LA LENGUA
TOPICAL	AFFECTED AREA	AREA AFECTADA
TRANSDERMAL	TRANSDERMAL	A TRAVES DE LA PIEL
TRANSURETHRAL	TRANSURETHRAL	TRANSURETRAL
URETHRAL	URETHRAL	URETRA
VAGINAL	VAGINA	VAGINA

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14.0 Contact Information

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