PHARMACY ORDERING ENHANCEMENTS (POE) PHASE 2

INSTALLATION GUIDE

PSO*7*46
OR*3*94
PSS*1*38
PSJ*5*50

September 2001
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Purpose

The purpose of this Installation Guide is to provide an explanation of the installation process for the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build. The intended audience for this document is the Information Resources Management Service (IRMS) staff and Pharmacy staff responsible for installing and maintaining the Pharmacy files required for drug selection through Pharmacy and Computerized Patient Record System (CPRS).

The Pharmacy Ordering Enhancements (POE) Phase 2 project completes the work that the POE Pharmacy Data Management (PDM) Pre-Release began. The earlier POE PDM Pre-Release project created new fields and provided reports and options to assist in the population and maintenance of data that would be necessary for the installation of this CPRS/Pharmacy Ordering Enhancements 1.0 Master Build.

The POE Phase 2 project includes the installation of the PSO*7*46, OR*3*94, PSS*1*38, and PSJ*5*50 patches, which will provide or relocate needed functionality and delete obsolete options. These changes will allow for streamlining of the medication order entry process, expanded order checking, and improved medication order transfer between the Inpatient Medications and Outpatient Pharmacy applications.

Scope

The CPRS Clinical Workgroup (the Workgroup) requested changes in the Pharmacy medication ordering dialogs in order to eliminate the need for redundant entry of drug information during medication order entry and to improve the process for transferring orders between the Inpatient Medications and Outpatient Pharmacy applications. Additional enhancement requests from the Workgroup were to provide order checks for all medication orders entered through CPRS and to provide drug specific information during medication order entry.
Pre-Installation

Significant changes to routines, options, files and fields will occur with the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build. Prior to installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build the installer should carefully read the Pharmacy Ordering Enhancements (POE) Phase 2 Release Notes found on the VistA Documentation Library (VDL) web page at http://vista.med.va.gov/vdl.

Additionally, before installing the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build, it is imperative that the POE PDM Pre-Release patch PSS*1*34 be installed and that the setup steps in the POE PDM Pre-Release Implementation Guide be completed. Instructions on the installation of PSS*1*34 and the necessary modifications to Pharmacy files can be found in the POE PDM Pre-Release Implementation Guide in the VDL at http://vista.med.va.gov/vdl.

Note that the earlier POE PDM Pre-Release changes were made directly into the production account. Therefore, the production account must be mirrored to the test account prior to the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build into the test account, to insure that the test account will be current.

Once the production account has successfully been mirrored to the test account, the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build can then be installed into the test account.

Prior to installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build, as many pending Outpatient Pharmacy and Inpatient Medication orders should be finished as possible.

OR*3*109 and the associated GUI executable file must be installed prior to the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build for all Pharmacy Ordering Enhancements Phase 2 functionality to be available to the CPRS user. See the OR*3*109 patch description for installation instructions and requirements.
Before beginning the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build, the IRMS representative, or party responsible for installing the patch, should mirror the current production account to the test account so that it will be updated to reflect all changes made as a result of the POE PDM Pre-Release project. Once the production account has been mirrored to the test account, the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build may be installed into the test account.
Minimum Required Packages

This CPRS/Pharmacy Ordering Enhancements 1.0 Master Build can only be run with a standard MUMPS operating system and requires the following Department of Veterans Affairs (VA) software packages.

<table>
<thead>
<tr>
<th>Package</th>
<th>Minimum Version Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmacy Data Management (PDM)</td>
<td>1.0</td>
</tr>
<tr>
<td>VA FileMan</td>
<td>22.0</td>
</tr>
<tr>
<td>Kernel</td>
<td>8.0</td>
</tr>
<tr>
<td>Patient Information Management System (PIMS)</td>
<td>5.3</td>
</tr>
<tr>
<td>National Drug File (NDF)</td>
<td>4.0</td>
</tr>
<tr>
<td>Integrated Billing</td>
<td>2.0</td>
</tr>
<tr>
<td>Fee Basis</td>
<td>3.5</td>
</tr>
<tr>
<td>Adverse Reaction Tracking (ART)</td>
<td>4.0</td>
</tr>
<tr>
<td>Inpatient Medications (IM)</td>
<td>5.0</td>
</tr>
<tr>
<td>IFCAP</td>
<td>5.0</td>
</tr>
<tr>
<td>Laboratory</td>
<td>5.2</td>
</tr>
<tr>
<td>Order Entry/Results Reporting (OERR)</td>
<td>3.0</td>
</tr>
<tr>
<td>Outpatient Pharmacy (OP)</td>
<td>7.0</td>
</tr>
<tr>
<td>Decision Support System</td>
<td>3.0</td>
</tr>
</tbody>
</table>

The above software is not included in this Master Build and must be installed for this build to be completely functional.
Required Patches

Prior to installation of this CPRS/Pharmacy Ordering Enhancements 1.0 Master Build, the following patches must be installed into each of the applications listed below.

**Outpatient Pharmacy V. 7.0**

- PSO*7*41
- PSO*7*49
- PSO*7*51
- PSO*7*54
- PSO*7*55
- PSO*7*62
- PSO*7*64

**Computerized Patient Record System V. 1.0**

- OR*3*11
- OR*3*87
- OR*3*97
- OR*3*99
- OR*3*106
- OR*3*108
- OR*3*109

**Pharmacy Data Management V. 1.0**

- PSS*1*20
- PSS*1*27
- PSS*1*33
- PSS*1*34
- PSS*1*40
- PSS*1*45

**Inpatient Medications V. 5.0**

- PSJ*5*47
- PSJ*5*49
- PSJ*5*51
- PSJ*5*60
Installation

The POE Phase 2 project is comprised of four patches. All four patches will install when the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build is loaded into the test account. Patch PSO*7*46 will load first, followed by OR*3*94, PSS*1*38, and PSJ*5*50. Please read the following installation instructions carefully before beginning the installation. Information on routines, options, protocols, files, and fields that have been deleted or changed can be found in the POE Release Notes in the VistA Documentation Library at http://vista.med.va.gov/vdl.

Before installing this patch, use the TaskMan List Tasks option to list currently running tasks. It is recommended that no Outpatient Pharmacy, Inpatient Medications, PDM or CPRS tasks be running at the time of this installation. The suggested time to install is during non-peak requirement hours for Outpatient Pharmacy, Inpatient Medications, PDM, BCMA, and CPRS users. For best results, it is recommended that this patch not be installed while Outpatient Pharmacy, Inpatient Medications, PDM, BCMA, or CPRS users are using the software. Additionally, Consolidated Mail Outpatient Pharmacy (CMOP) transmissions should not be taking place during the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build.

The user who installs the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build should receive several mail messages when the installation is complete. These messages are sent only to the person who performs the installation. Installers may want to consider forwarding these messages to additional staff as deemed appropriate. Examples of these messages are contained in the Post-Installation section of this manual.

PSO*7*46 queues a background job within the post-install routine. This routine sets the field POE RX in the Prescription file (#52) equal to 1. The setting of this field is not dependant on any other data entered into the file. Because this background is not dependant on any other data there is not a restart entry point. The background job will display as “Flagging All Prescriptions as POE Orders.”

This patch will be available only as a host file. The name of the file is CPRS_POE_10.KID. This file needs to be retrieved in ASCII format.

Sites will retrieve VistA software from the following FTP addresses. The preferred method is to FTP the files from download.vista.med.va.gov. This transmits the files from the first available FTP server. Sites may also elect to retrieve software directly from a specific server as follows.

<table>
<thead>
<tr>
<th>OI Field Office</th>
<th>FTP Address</th>
<th>Directory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany</td>
<td>ftp.fo-albany.med.va.gov</td>
<td>[anonymous.software]</td>
</tr>
<tr>
<td>Hines</td>
<td>ftp.fo-hines.med.va.gov</td>
<td>[anonymous.software]</td>
</tr>
<tr>
<td>Salt Lake City</td>
<td>ftp.fo-slc.med.va.gov</td>
<td>[anonymous.software]</td>
</tr>
</tbody>
</table>

Installation should take no longer than 30 minutes.
Installation Steps

1. Download the KIDS file CPRS_POE_10.KID via FTP. This file needs to be retrieved in ASCII format.

2. Review mapped sets for the PSO*, OR*, PSS*, PSJ*, PSG*, -PSGW* and PSIV* namespaces. If the routines are mapped, they should be removed from the mapped set at this time.

3. From the *Kernel Installation & Distribution System* menu, select the *Installation* menu.

4. From this menu, select the *Load a Distribution* option. When prompted for a file name, enter CPRS_POE_10.KID

5. From this menu, the installer may select to use the following options:

   (When prompted for INSTALL NAME, enter CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0)

   a. *Backup a Transport Global* - This option will create a backup message of any routines exported with the patch. It will NOT backup any other changes such as DDs or templates.

   b. *Compare Transport Global to Current System* - This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.).

   c. *Verify Checksums in Transport Global* - This option will ensure the integrity of the routines that are in the transport global.

6. Use the *Install Package(s)* option and select the package CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0.

7. When prompted, "Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//" respond NO.

8. When prompted, "Want KIDS to INHIBIT LOGONs during the install? YES//" respond NO.

9. When prompted, "Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//" respond NO.

10. If routines were unmapped as part of step 2, they should be returned to the mapped set once the installation has run to completion.
Example of Installation

Select Kernel Installation & Distribution System Option: **INSTALLation**

Select Installation Option: **LOAD a Distribution**

Enter a Host File: **CPRS_POE_10.KID**

**KIDS** Distribution saved on Aug 01, 2001@11:38:38
Comment: **CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0**

This Distribution contains Transport Globals for the following Package(s):

- CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0
- PSO*7.0*46
- OR*3.0*94
- PSS*1.0*38
- PSJ*5.0*50

Distribution OK!

Want to Continue with Load? YES// <Enter>

Loading Distribution...

Build CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0 has an Enviromental Check Routine

Want to RUN the Environment Check Routine? YES/<Enter>

CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0
Will first run the Environment Check Routine, PSSPRE38

- PSO*7.0*46
- OR*3.0*94
- PSS*1.0*38
- PSJ*5.0*50

Use INSTALL NAME: CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0 to install this Distribution.

Select Installation Option: **INSTALL** Package(s)

Select INSTALL NAME: **CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0** Loaded from Distribution 8/1/01@11:43:39
=> CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0 ;Created on Aug 01, 2001@11:38:38

This Distribution was loaded on Aug 01, 2001@11:43:39 with header of

- CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0 ;Created on Aug 01, 2001@11:38:38
- PSS*1.0*38
- PSJ*5.0*50

Checking Install for Package CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0
Will first run the Environment Check Routine, PSSPRE38

Install Questions for CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0

Checking Install for Package PSO*7.0*46

Install Questions for PSO*7.0*46

Incoming Files:

- 52 PRESCRIPTION (Partial Definition)

Note: You already have the 'PRESCRIPTION' File.
52.41  PENDING OUTPATIENT ORDERS  (Partial Definition)
Note: You already have the 'PENDING OUTPATIENT ORDERS' File.

Checking Install for Package OR*3.0*94

Install Questions for OR*3.0*94

Incoming Files:

101.41 ORDER DIALOG  (including data)
Note: You already have the 'ORDER DIALOG' File.
I will REPLACE your data with mine.

101.43 ORDERABLE ITEMS  (Partial Definition)
Note: You already have the 'ORDERABLE ITEMS' File.

Checking Install for Package PSS*1.0*38

Install Questions for PSS*1.0*38

Incoming Files:

50 DRUG  (Partial Definition)
Note: You already have the 'DRUG' File.

50.606 DOSAGE FORM  (Partial Definition)
Note: You already have the 'DOSAGE FORM' File.

50.7 PHARMACY ORDERABLE ITEM  (Partial Definition)
Note: You already have the 'PHARMACY ORDERABLE ITEM' File.

51 MEDICATION INSTRUCTION  (Partial Definition)
Note: You already have the 'MEDICATION INSTRUCTION' File.

51.1 ADMINISTRATION SCHEDULE  (Partial Definition)
Note: You already have the 'ADMINISTRATION SCHEDULE' File.

52.6 IV ADDITIVES  (Partial Definition)
Note: You already have the 'IV ADDITIVES' File.

52.7 IV SOLUTIONS  (Partial Definition)
Note: You already have the 'IV SOLUTIONS' File.

55 PHARMACY PATIENT  (Partial Definition)
Note: You already have the 'PHARMACY PATIENT' File.

59.7 PHARMACY SYSTEM  (Partial Definition)
Note: You already have the 'PHARMACY SYSTEM' File.
Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES// NO

Checking Install for Package PSJ*5.0*50

Install Questions for PSJ*5.0*50

Incoming Files:

53.1 NON-VERIFIED ORDERS (Partial Definition)  
Note: You already have the 'NON-VERIFIED ORDERS' File.

53.2 UNIT DOSE ORDER SET (Partial Definition)  
Note: You already have the 'UNIT DOSE ORDER SET' File.

53.3 ACTIVITY LOG REASON (including data)  
Note: You already have the 'ACTIVITY LOG REASON' File.  
I will OVERWRITE your data with mine.

Want KIDS to INHIBIT LOGONs during the install? YES// NO
Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// NO

Enter the Device you want to print the Install messages.  
You can queue the install by entering a 'Q' at the device prompt.

DEVICE: HOME// <Enter device here.>

Install Started for CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0 :  
Aug 01, 2001@15:48:59

Install Started for PSO*7.0*46 :  
Aug 01, 2001@15:48:59

Build Distribution Date: Aug 01, 2001

Installing Routines:  
Aug 01, 2001@15:48:59

Installing Data Dictionaries:  
Aug 01, 2001@15:49:03

Installing PACKAGE COMPONENTS:  
Aug 01, 2001@15:49:06

Installing PROTOCOL  
Located in the PSO (OUTPATIENT PHARMACY) namespace.  
Located in the PSO (OUTPATIENT PHARMACY) namespace.

Installing LIST TEMPLATE  
Aug 01, 2001@15:49:09

Running Post-Install Routine: EN^PSOPOST2
Queuing Background Job to Flag Prescriptions as POE Orders...

Attempting to Convert Outpatient Pharmacy Pre-POE Pending Orders...

Updating Routine file...

The following Routines were created during this install:
- PSOXZA
- PSOXZA1
- PSOXZA10
- PSOXZA2
- PSOXZA3
- PSOXZA4
- PSOXZA5
- PSOXZA6
- PSOXZA7
- PSOXZA8
- PSOXZA9

Updating KIDS files...

PSO*7.0*46 Installed.
Aug 01, 2001@15:49:11
Install Message sent # 32156890

Install Started for OR*3.0*94 :
Aug 01, 2001@15:49:11
Build Distribution Date: Jul 31, 2001

Installing Routines:
Aug 01, 2001@15:49:14
Running Pre-Install Routine: PRE^ORY94

Installing Data Dictionaries:
Aug 01, 2001@15:49:15
Installing Data: ..........
Aug 01, 2001@15:49:28

Installing PACKAGE COMPONENTS:
Installing PROTOCOL
Aug 01, 2001@15:49:28
Running Post-Install Routine: EN^ORY94

Updating Routine file...

Updating KIDS files...

OR*3.0*94 Installed.
Aug 01, 2001@15:49:30
Install Message sent # 32156892

Install Started for PSS*1.0*38 :
Aug 01, 2001@15:49:30

Build Distribution Date: Aug 01, 2001

Installing Routines:
  Aug 01, 2001@15:49:33

Installing Data Dictionaries:
  Aug 01, 2001@15:49:40

Installing PACKAGE COMPONENTS:

Installing INPUT TEMPLATE

Installing OPTION
  Aug 01, 2001@15:49:44

Running Post-Install Routine: ^PSSPOST2

Deleting obsolete fields...

Deleting obsolete data...

Updating IV Additive Orderable Items...

Updating IV Solution Orderable Items...

Setting new Orderable Item cross reference...........................................

Updating Pharmacy Orderable Items ..................................................

Updating Routine file...

The following Routines were created during this install:
PSSVX6
PSSVX61
PSSVX62
PSSVX63
PSSVX64
PSSVX65
PSSVX66
PSSJXR
PSSJXR1
PSSJXR10
PSSJXR11
PSSJXR12
PSSJXR13
PSSJXR14
PSSJXR15
PSSJXR16
PSSJXR17
PSSJXR18
PSSJXR19
PSSJXR2
PSSJXR20
PSSJXR21
PSSJXR22
PSSJXR23
PSSJXR24
PSSJXR25
Updating KIDS files...

PSS*1.0*38 Installed.  
Aug 01, 2001@15:51:54

Install Message sent # 32156895

Install Started for PSJ*5.0*50:  
Aug 01, 2001@15:51:54

Build Distribution Date: Aug 01, 2001

Installing Routines:  
Aug 01, 2001@15:51:58

Installing Data Dictionaries:  
Aug 01, 2001@15:52

Installing Data:  
Aug 01, 2001@15:52

Installing PACKAGE COMPONENTS:

Installing PROTOCOL  
Located in the PSJ (INPATIENT MEDICATIONS) namespace.  
Aug 01, 2001@15:52:02

Running Post-Install Routine: POE^PSJPST50

Updating Routine file...

The following Routines were created during this install:

PSGX3R  
PSGX3R1  
PSGX3R10  
PSGX3R11  
PSGX3R12  
PSGX3R2  
PSGX3R3  
PSGX3R4  
PSGX3R5  
PSGX3R6  
PSGX3R7  
PSGX3R8  
PSGX3R9

Updating KIDS files...
PSJ*5.0*50 Installed.
   Aug 01, 2001@15:52:04

Install Message sent # 32156897

Updating Routine file...
Updating KIDS files...

CPRS/PHARMACY ORDERING ENHANCEMENTS 1.0 Installed.
   Aug 01, 2001@15:52:04

No link to PACKAGE file
NO Install Message sent

Install Completed
Post-Installation

Outpatient Pharmacy V. 7.0

There are no Outpatient Pharmacy mail messages delivered to the installer or any other users as a result of the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build.

Computerized Patient Record System V. 1.0

The user who installs the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build should receive a mail message similar to the following when the CPRS conversion is complete. The IRMS representative may find it helpful to forward this information to the Pharmacy Automated Data Processing Application Coordinator (ADPAC). The number of Pharmacy quick orders listed in this example is typical of an active site.

Subject: PATCH OR*3*94 CONVERSION COMPLETED  [#44950376]   322 lines
From: PATCH OR*3*94 CONVERSION In 'IN' basket.   Page 1
-------------------------------------------------------------------------------
The quick order conversion of patch OR*3*94 has completed.

The following quick orders have inactive orderable items that were unable to be automatically replaced with active ones:

PSJQ59 IPRATROPIU  (IPRATROPION INHALER)
PSJQ67 NEOMYCIN/P  (NEOMYCIN/POLYMYCIN/BACITRACIN)
PSJQ65 MISOPROSTO  (MISOPROSTOL PO BID)
PSJQ112 COMPAZINE  (COMPAZINE IV)
PSJQOS CISPLATIN 2 (METOCLOPRAMIDE/DIPHENHYDRAMINE INJ )
PSJQOS CHOP 9  (PROCHLORPERAZINE INJ )
PSJQOS VAD 8  (PROCHLORPERAZINE INJ )
PSJQOS ABVD 11 (PROCHLORPERAZINE INJ )
PSJQOS FENTANYL/BUPIVACAINE EPIDURAL 3 (PROCHLORPERAZINE INJ )
PSJQOS MORPHINE/BUPIVACAINE EPIDURAL 3 (PROCHLORPERAZINE INJ )
PSJQOS MORPHINE EPIDURAL 3 (PROCHLORPERAZINE INJ )
PSJIZ BOLUS KCL 10MEQ/50ML PREMIX (BOLUS KCL 10MEQ/50ML)
PSJIZ BOLUS KCL 20MEQ/100ML PREMIX (BOLUS KCL 20MEQ/100ML PREMIX)
PSJIZ HEPARIN DRIP PROTOCOL (HEPARIN PROTOCOL)
ORWDQ 2173593D (KCL IV REPLACEMENT)
PSO2 NIASPAN STARTER KIT (NIASPAN STARTER KIT)
ORWDQ 26A1D3E3  (deb-entex)
ORWDQ CE9532B1  (streptokinase)
ORWDQ C5E36192  (DIMETAPP)
ORWDQ D67DF0D6  (ENTEX)
PSJUZ METRONIDAZOLE IVPB (METRONIDAZOLE IVPB)
ORWDQ 3E7A04E6  (DEXTROSE 5% IN 0.45% NS INJ,SOLN IV 1000 ml)
ORWDQ 78F48C65  (DEXTROSE 5% IN 0.45% NS INJ,SOLN IV 1000 ml, DEXTROSE 5% IN 0.9% NS INJ,SOLN IV 1000 ml)
ORWDQ 30638E38 (HEPARIN GTT)
ORWDQ 89B4D0E4  (KCL 20 BOLUS)
ORWDQ 6FF3D36D  (KCL IV REPLACEMENT)
ORWDQ 0C6FFA4E  (KCL)
ORWDQ 2173593D  (KCL IV REPLACEMENT)
ORWDQ 30638E38 (BACITRACIN/NEOMYCIN/POLYMIXIN OINT)
ORWDQ 0A068832 (HEPARIN DRIP)
PSJUZ PROCHLORPERAZINE 5MG IV Q4H PRN AA (PROCHLORPERAZINE 5MG IV Q4H PRN)
PSJUZ PROCHLORPERAZINE 5MG IM Q4H PRN AA (PROCHLORPERAZINE 5MG IM Q4H PRN)
The following Outpatient Pharmacy quick orders have instructions that were unable to be re-formatted:

- ORWDQ BBC7C057 (Furosemide 40mg po hs)
- PSO2 LOVASTATIN 10MG (LOVASTATIN 10MG)
- PSO2 LOVASTATIN 20MG (LOVASTATIN 20MG)
- PSO2 SIMVASTATIN 5MG (SIMVASTATIN 5MG)
- PSO2 SIMVASTATIN 10MG (SIMVASTATIN 10MG)
- PSO2 SIMVASTATIN 20MG (SIMVASTATIN 20MG)
- PSO2 SIMVASTATIN 40MG (SIMVASTATIN 40MG)
- PSO2 ATORVASTATIN 10MG (ATORVASTATIN 10MG)
- PSO2 ATORVASTATIN 20MG (ATORVASTATIN 20MG)
- PSO2 ATORVASTATIN 40MG (ATORVASTATIN 40MG)
- PSO2 NIAACIN UD (NIAACIN 100MG UD)
- PSO2 NIAACIN 500MG (1) (NIAACIN 500MG (1))
- PSO2 NIAACIN 500MG (2) (NIAACIN 500MG (2))
- PSO2 GEMFIBROZIL (GEMFIBROZIL)
- PSO2 COLESTIPOL (COLESTIPOL)
- PSO2 APAP PRN (ACETAMINOPHEN PRN)
- PSO2 APAP 500MG (ACETAMINOPHEN 500MG)
- PSO2 BISMUTH SUBSALICYLATE (BISMUTH SUBSALICYLATE)
- PSO2 METRONIDAZOLE 250MG (METRONIDAZOLE 250MG)
- PSO2 TETRACYCLINE 500MG (TETRACYCLINE 500MG)
- PSO2 AMOXICILLIN 500MG (AMOXICILLIN 500MG)
- PSO2 METRONIDAZOLE 500MG (METRONIDAZOLE 500MG)
- PSO2 AMOXICILLIN 500MG BID (AMOXICILLIN 500MG BID)
- PSO2 CLARITHROMYCIN BID (CLARITHROMYCIN BID)
- PSO2 LANSOPRAZOLE 30MG (LANSOPRAZOLE 30MG)
- PSO2 CLARITHROMYCIN TID (CLARITHROMYCIN TID)
- PSO2 CIMETIDINE (CIMETIDINE)
- PSO2 FAMOTIDINE (FAMOTIDINE)
- PSO2 LANSOPRAZOLE 15MG (LANSOPRAZOLE 15MG)
- PSO2 LANSOPRAZOLE 30MG GERD (LANSOPRAZOLE 30MG GERD)
- PSO2 PROMETHAZINE SUPP (PROMETHAZINE SUPP)
- PSO2 SIMVASTATIN 80MG (SIMVASTATIN 80MG)
- PSO2 NIASPAN STARTER KIT (NIASPAN STARTER KIT)
- PSO2 NIAACIN ER 750MG (NIAACIN ER 750MG)
- PSO2 NIAACIN ER 1000MG (NIAACIN ER 1000MG)
- ORWDQ 69C6DA84 (lidocaine/benadrly/maalox)
- ORWDQ D391E262 (cortisporin otic suspension)
- ORWDQ 6D422C36 (auralgan otic soln)
- ORWDQ 465DF2B8 (Debrox for ear wash)
- ORWDQ BC916C7A (anusol hc supp)
- ORWDQ F00E6742 (deb-cough)
- ORWDQ 46E7733D (deb-bactrium)
- ORWDQ 26A1D3E3 (deb-entex)
- ORWDQ 66611B79 ( fleet prep for be)
- ORWDQ E5E29A25 (ALBUTEROL)
- ORWDQ A420FDCB (SALINE)
- ORWDQ 011FDGCC (CORTISPORIN)
- ORWDQ D6D43783 (CHLORPHEN)
- ORWDQ 8C6282FA (AFRIN)
- ORWDQ CA2BAA66 (ANALG)
- ORWDQ 529DFCC8 (COMPAZ SUPP)
- ORWDQ AD7F024B (GUAIFENESIN)
- ORWDQ C5E36192 (DIMETAPP)
- ORWDQ D67DF0D6 (ENTEX)
- ORWDQ 9ACA46CF (ANUSOL HC HEMMORHOIDAL SUPPOSITORIES)
- ORWDQ E257E16D (GG)
- ORWDQ E5E29A25 (ACETAMINOPHEN 300MG/CODEINE 30MG TAB 1OR 2 PO Q4-6 HRS Quant: 40 1 refills)
- ORWDQ 5B3D370B (KCL 10 MEQ QD X 1 MONTH)
ORWDQ 86455117 (ALBUTEROL HHN Q4-6 PRN)
ORWDQ 8951FD70 (ATROVENT HHN Q6 PRN)
ORWDQ 29D88A28 (PREDNISONE TAPERING DOSE)
ORWDQ D344985B (ATROVENT MDI)
ORWDQ 5381E3B0 (morn 30cc poqhs prn)
OUTPATIENT SLIDING SCALE (Outpatient Insulin/Sliding Scale)
ORWDQ 8E31270E (robabus)
ORWDQ 9D627983 (Insulin S.S.)
ORWDQ E1714A51 (PREDNISONE)
ORWDQ CF20484A (golfightley)
ORWDQ D420E3DF (beclamethasone)
ORWDQ 93D1E005 (beclamethasone)
ORWDQ 820A3941 (Atrovent)
ORWDQ 3C43AE58 (beclomethasone oral inhalor)
ORWDQ C4378697 (Medrol Dose Pack)
ORWDQ 550F3CEA (Atarax)
ORWDQ 72798026 (Accu check lancets NIDDM)
ORWDQ 476AB6FA (Accu Check Strips NIDDM)
ORWDQ 510907D1 (Robitussin alc-f/Sf)
ORWDQ 6A44B4A9 (Ventolin Inhalor)
ORWDQ 2C08EB6C (Benadryl)
ORWDQ 12BD8386 (Nitroglycerine .4mg)
ORWDQ 2AA38D11 (Chlor-Trimeton)
ORWDQ 09934A78 (Vasocon)
ORWDQ 94D0774F (Gentamicin eye drops)
ORWDQ 88D312D0 (Diltiazem)
ORWDQ 484B8B9C (Atrovent)
ORWDQ 8AF768BD (triamcinilone)
ORWDQ 61D4322D (hydrocortisone 1% lotion)
ORWDQ 86DF998C (Atrovent)
ORWDQ 36298849 (MORPHINE 10MG/5ML ORAL SOLN, (PER ML) 20MG PO Q2-4H Quanti
ity: 500 ML 0 refills)
ORWDQ 6051FCBA (clotrimazole)
PSOZ NIACIN ER 500MG (NIACIN ER 500MG)
ORWDQ 7739F577 (Robitussin DM)
ORWDQ 9EAD5153 (fleet)
ORWDQ 418091C9 (Antivert)
ORWDQ 52555153 (rocephin)
ORWDQ 785F855F (guaifenisen DM)
ORWDQ 0B1E51C1 (Oceania)
PSOZ LOVASTATIN 10MG - DC TO PC (LOVASTATIN 10MG-DC TO PC)
PSOZ LOVASTATIN 20MG - DC TO PC (LOVASTATIN 20MG-DC TO PC)
PSOZ LOVASTATIN 40MG - DC TO PC (LOVASTATIN 40MG-DC TO PC)
PSOZ SIMVASTATIN 5MG - DC TO PC (SIMVASTATIN 5MG-DC TO PC)
PSOZ SIMVASTATIN 10MG - DC TO PC (SIMVASTATIN 10MG-DC TO PC)
PSOZ SIMVASTATIN 20MG - DC TO PC (SIMVASTATIN 20MG-DC TO PC)
PSOZ SIMVASTATIN 40MG - DC TO PC (SIMVASTATIN 40MG-DC TO PC)
PSOZ SIMVASTATIN 80MG - DC TO PC (SIMVASTATIN 80MG-DC TO PC)
PSOZ ATORVASTATIN 10MG - DC TO PC (PSOZ ATORVASTATIN 10MG-DC TO PC)
PSOZ ATORVASTATIN 20MG - DC TO PC (ATORVASTATIN 20MG-DC TO PC)
PSOZ ATORVASTATIN 40MG - DC TO PC (ATORVASTATIN 40MG-DC TO PC)
PSOZ NIACIN 500MG (1) - DC TO PC (NIACIN 500MG (1)-DC TO PC)
PSOZ NIACIN 500MG (2) - DC TO PC (NIACIN 500MG (2)-DC TO PC)
PSOZ NIACIN ER 500MG - DC TO PC (NIACIN ER 500MG-DC TO PC)
PSOZ NIACIN ER 750MG - DC TO PC (NIACIN ER 750MG-DC TO PC)
PSOZ NIACIN ER 1000MG - DC TO PC (NIACIN ER 1000MG-DC TO PC)
PSOZ GEMFIBROZIL - DC TO PC (GEMFIBROZIL-DC TO PC)
ORWDQ FE4CC0ED (Pyridoxine)
ORWDQ AE905647 (Fleet)
ORWDQ 13B85A8C (Ocean)
ORWDQ 72C28530 (Capsaicin 0.025%)
PSOZ GOLYTELY  (GOLYTELY FOR FLEX-SIG)
PSOZ FLEET PREP KIT  (FLEET PREP KIT FOR BARIUM ENEMA)
PSOZ SIMETHICONE 80MG  (SIMETHICONE 80MG FOR SONOGRAM)

ORWDQ 6EA379D6  (Multivitamins)
ORWDQ BA484545  (vitamin e)
ORWDQ CFE5A57A  (ocean mist)
ORWDQ 9BD667D1  (kenalog 0.25% lotion)
ORWDQ 873E6438  (Ketoconazole)
ORWDQ EB30205C  (nasalcrom)
ORWDQ B0A90520  (LO DOSE SYRINGE)
ORWDQ D6C4BC69  (GOLYTELY)
ORWDQ 28BCCAD6  (AUGMENTIN)
ORWDQ 1470CDE8  (GUAIFENESIN 100MG/5ML ALC-F/SF SY (ML))
ORWDQ 8F2EFB98  (TYLENOL ES)
ORWDQ 9D17C439  (LODINE XL )
ORWDQ D6AE4CF8  (TMCL Vanicream)
ORWDQ 4358E69F  (METFORMIN)
ORWDQ DB77E69B  (ATENOLOL - LOW DOSE)
ORWDQ 3B532F18  (TMCL)
ORWDQ 6BD8A5A5  (FLEX PREP KIT)
ORWDQ A9FBA090  (LEVOthyroxine 0.025MG TAB)
ORWDQ IB88BC3A  (MYCELEX 1% cream)
ORWDQ EACAABC6  (guaifenesin)
ORWDQ AD876D33  (2 PACK)
ORWDQ 1DE4338B  (nasalcrom)
ORWDQ EA52B702  (ANALGESIC BALM (PER GM) )
ORWDQ 4ED04CCC  (Fleetprep)
ORWDQ DA5C1C6E  (TMCL/VANICREAM)
ORWDQ 83924D86  (VIT B)
ORWDQ E17E4400  (Dimetapp-SR)
ORWDQ 4ED25B7B  (TMCL1%)
ORWDQ 4BDD9AD1  (NYSTATIN susp)
ORWDQ 413B4F51  (PEG ELECTROLYTE SOLN, 4000ML)
ORWDQ 5F217B2F  (CLOTrimazole 1% CR)
ORWDQ C16C8073  (PEG ELECTROLYTE SOLN, 4000ML)
ORWDQ 32949FC4  (ZINC OXIDE BANDAGE, 4 INCH)
ORWDQ DD8ACBC6  (GOLYTELY prep.)
ORWDQ 938FD6BB  (GOLYTELY)
ORWDQ EB5D3CB5  (PSYLLIUM POWDER SUGARFREE)
ORWDQ CC70D17C  (TUSK)
ORWDQ 165F7C01  (ZINC OXIDE 20% OINT (PER GM) )
ORWDQ 0282DB57  (BACITRACIN/NEOMYCIN/POLYMYXIN OINT)
ORWDQ 4B346503  (GUAIFENESIN 100MG/5ML ALC-)
ORWDQ FADA6F2  (salsalate)
ORWDQ DFR998B6  (AEROCHAMBER)
ORWDQ F33B968F  (UNSCENTED MOISTURIZING CR)
ORWDQ 2EB325D9  (PENCICLOVIR 1% CREAM, )
ORWDQ 38A85384  (SK1)
ORWDQ F58DE01D  (PREDnisone 20MG TAB 1 TABLET(S) PO QD for 4 days, 1/2 TABL
ET(S) PO QD for 4 days, 1/4 TABLET(S) PO QD for 4 days Quantity: 0 refills )
ORWDQ 9AE6E041  (chlorpheneramine)
ORWDQ F9DFB96D  (SS INSULIN OP)
ORWDQ D6A76414  (combivent)
ORWDQ 916A3DED  (Synthroid)
ORWDQ 776A7AF8  (RANITIDINE 150MG TAB )
ORWDQ B844DB32  (VANCENASE)
ORWDQ F48158CD  (GOLYTELY 1 gallon)
ORWDQ 742D3532  (ACCUCHEK LANCETS)
ORWDQ 016F18EB  (KAOPECTATE)
PSOZ CURE DISCHARGE  (Cure Discharge-Restricted to Cardiology)
PSOZ CURE OUTPATIENT #2  (Cure Outpatient #2-Restricted to Cardiology)
PSOZ CURE OUTPATIENT #3  (Cure Outpatient #3-Restricted to Cardiology)
PSOZ CURE OUTPATIENT #4  (Cure Outpatient #4-Restricted to Cardiology)
PSOZ CURE OUTPATIENT #5  (Cure Outpatient #5-Restricted to Cardiology)
ORWDQ 9E0749AC (maxzide)
ORWDQ 7157D40E (PREDNISONE TITRATION)
ORWDQ E56DEB4F (PREDNISONE TAPER)
ORWDQ 0EF6D792 (TMCL 0.1% crm)
ORWDQ E3219065 (RANITIDINE 150MG TAB )
ORWDQ 3549EE28 (urinary leg bag)
ORWDQ 13BDF900 (condom cath)
ORWDQ E3219065 (tapering dose prednisone)
ORWDQ 0EF6D792 (tylenol #3)
ORWDQ 46C66A18 (golytely)
ORWDQ 76AED14E (MILK OF MAGNESIA,)
ORWDQ 40781DBF (Lodine 600)
ORWDQ 67918E2B (CROMOLYN SODIUM NASAL SOLN,)
ORWDQ E2AD7635 (GUAFENESIN 100MG/5ML)
ORWDQ 8FBB802F (Lodine XL (etodolac))
ORWDQ DE9C09E9 (lodine)
ORWDQ 5E68CC17 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ D2E0FBDE (accuchecks)
ORWDQ 0EF6D792 (PREDNISONE TITRATION)
ORWDQ E3219065 (PREDNISONE TAPER)
ORWDQ 3549EE28 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ 13BDF900 (condom cath)
ORWDQ E3219065 (tapering dose prednisone)
ORWDQ 0EF6D792 (tylenol #3)
ORWDQ 46C66A18 (golytely)
ORWDQ 76AED14E (MILK OF MAGNESIA,)
ORWDQ 40781DBF (Lodine 600)
ORWDQ 67918E2B (CROMOLYN SODIUM NASAL SOLN,)
ORWDQ E2AD7635 (GUAFENESIN 100MG/5ML)
ORWDQ 8FBB802F (Lodine XL (etodolac))
ORWDQ DE9C09E9 (lodine)
GOLYTELY ORDER (GOLYTELY ORDER)
ORWDQ 61C05CE5 (PEG)
ORWDQ 4AC3OC6 (NYSTATIN 100,000U/ML ORAL SUSP,)
ORWDQ 46C66A18 (quinine)
ORWDQ 5C5F1AD (ACYCLOVIR 200MG CAP )
ORWDQ EB0C2788 (ACYCLOVIR 5% OINT, (PER GM) )
ORWDQ 01EDA60C (POLYMYXIN/TRIMETHOPRIM OS (PER ML)  4 DROP(S) OU QID Quantit)
ORWDQ 5E68CC17 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ D2E0FBDE (accuchecks)
ORWDQ 0EF6D792 (PREDNISONE TITRATION)
ORWDQ E3219065 (PREDNISONE TAPER)
ORWDQ 3549EE28 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ 13BDF900 (condom cath)
ORWDQ E3219065 (tapering dose prednisone)
ORWDQ 0EF6D792 (tylenol #3)
ORWDQ 46C66A18 (golytely)
ORWDQ 76AED14E (MILK OF MAGNESIA,)
ORWDQ 40781DBF (Lodine 600)
ORWDQ 67918E2B (CROMOLYN SODIUM NASAL SOLN,)
ORWDQ E2AD7635 (GUAFENESIN 100MG/5ML)
ORWDQ 8FBB802F (Lodine XL (etodolac))
ORWDQ DE9C09E9 (lodine)
GOLYTELY ORDER (GOLYTELY ORDER)
ORWDQ 61C05CE5 (PEG)
ORWDQ 4AC3OC6 (NYSTATIN 100,000U/ML ORAL SUSP,)
ORWDQ 46C66A18 (quinine)
ORWDQ 5C5F1AD (ACYCLOVIR 200MG CAP )
ORWDQ EB0C2788 (ACYCLOVIR 5% OINT, (PER GM) )
ORWDQ 01EDA60C (POLYMYXIN/TRIMETHOPRIM OS (PER ML)  4 DROP(S) OU QID Quantit)
ORWDQ 5E68CC17 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ D2E0FBDE (accuchecks)
ORWDQ 0EF6D792 (PREDNISONE TITRATION)
ORWDQ E3219065 (PREDNISONE TAPER)
ORWDQ 3549EE28 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ 13BDF900 (condom cath)
ORWDQ E3219065 (tapering dose prednisone)
ORWDQ 0EF6D792 (tylenol #3)
ORWDQ 46C66A18 (golytely)
ORWDQ 76AED14E (MILK OF MAGNESIA,)
ORWDQ 40781DBF (Lodine 600)
ORWDQ 67918E2B (CROMOLYN SODIUM NASAL SOLN,)
ORWDQ E2AD7635 (GUAFENESIN 100MG/5ML)
ORWDQ 8FBB802F (Lodine XL (etodolac))
ORWDQ DE9C09E9 (lodine)
GOLYTELY ORDER (GOLYTELY ORDER)
ORWDQ 61C05CE5 (PEG)
ORWDQ 4AC3OC6 (NYSTATIN 100,000U/ML ORAL SUSP,)
ORWDQ 46C66A18 (quinine)
ORWDQ 5C5F1AD (ACYCLOVIR 200MG CAP )
ORWDQ EB0C2788 (ACYCLOVIR 5% OINT, (PER GM) )
ORWDQ 01EDA60C (POLYMYXIN/TRIMETHOPRIM OS (PER ML)  4 DROP(S) OU QID Quantit)
ORWDQ 5E68CC17 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ D2E0FBDE (accuchecks)
ORWDQ 0EF6D792 (PREDNISONE TITRATION)
ORWDQ E3219065 (PREDNISONE TAPER)
ORWDQ 3549EE28 (ACCUCHEK COMFORT CURVE GLUCOSE STRIP)
ORWDQ 13BDF900 (condom cath)
ORWDQ E3219065 (tapering dose prednisone)
ORWDQ 0EF6D792 (tylenol #3)
ORWDQ 46C66A18 (golytely)
ORWDQ 76AED14E (MILK OF MAGNESIA,)
ORWDQ 40781DBF (Lodine 600)
ORWDQ 67918E2B (CROMOLYN SODIUM NASAL SOLN,)
ORWDQ E2AD7635 (GUAFENESIN 100MG/5ML)
ORWDQ 8FBB802F (Lodine XL (etodolac))
ORWDQ DE9C09E9 (lodine)
GOLYTELY ORDER (GOLYTELY ORDER)
ORWDQ 61C05CE5 (PEG)
ORWDQ 4AC3OC6 (NYSTATIN 100,000U/ML ORAL SUSP,)
ORWDQ 46C66A18 (quinine)
ORWDQ 5C5F1AD (ACYCLOVIR 200MG CAP )
ORWDQ EB0C2788 (ACYCLOVIR 5% OINT, (PER GM) )
ORWDQ 01EDA60C (POLYMYXIN/TRIMETHOPRIM OS (PER ML)  4 DROP(S) OU QID Quantit)
In addition to the mail message, after the installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build, CPRS has a post-init routine that loops through all of the Pharmacy quick orders stored in CPRS to fix the following two problems.

1. CPRS looks for any Pharmacy quick orders that use Orderable Items that PDM has inactivated and makes a call to see if PDM has a new Orderable Item to replace the old Orderable Item. If a new Orderable Item is returned, CPRS updates the Pharmacy quick order automatically. If a new Orderable Item is not returned, a bulletin is generated at the end of the post-init that contains a list of all Pharmacy quick orders that still have inactive Orderable Items, and the bulletin is sent to the user who ran the install.

2. Because this patch changes the way that dose instructions are prompted for in the Outpatient Pharmacy ordering dialog, the same routine will also attempt to convert the dose saved with Outpatient Pharmacy quick orders into the new format. Any Outpatient Pharmacy quick order that cannot be automatically converted will be listed in the bulletin generated at the end of the post-init.
Pharmacy Data Management V. 1.0

The person who installs the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build should receive the following message when the PDM post-installation is complete. The message captures the start time and end time of the installation.

Subj: Pharmacy Ordering Enhancements Install  [#83473] 01 Jun 01 12:20
From: PHARMACY DATA MANAGEMENT PACKAGE In 'IN' basket.   Page 1 *New*
-------------------------------------------------------------------------------
The Pharmacy Ordering Enhancements installation is complete.
It started on JUN 01, 2000@12:14:07.
It ended on JUN 01, 2001@12:20:45.
Enter message action (in IN basket): Ignore//

The Pharmacy Data Management post-install routine, PSSPOST2, has a line tag that can be called from programmer mode in the event that this routine generates an error. The line tag is RESTART^PSSPOST2. By calling that line tag, the entire post-install routine will run again. The code has been written so it can run multiple times, but the routine will only run on the first installation of the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build.

Inpatient Medications V. 5.0

The person who installs the CPRS/Pharmacy Ordering Enhancements 1.0 Master Build should receive the following message when the conversion for Inpatient Medications is complete. The IRMS representative may find it helpful to forward this information to the Pharmacy ADPAC.

Subj: Inpatient Meds IV conversion  [#44950402] 29 Apr 01 22:37  2 lines
From: INPATIENT MEDS POE In 'IN' basket.   Page 1 *New*                      
-------------------------------------------------------------------------------
The conversion was first started:  Apr 29, 2001@21:52:31
It ran to completion:              Apr 29, 2001@22:37:23
Enter message action (in IN basket): Delete//