CPRS GUI VERSION 27 (PATCH# OR*3*243) AND ASSOCIATED PATCHES INSTALLATION GUIDE

SEPTEMBER 2008

Revision History

The most recent entries in this list are linked to the location in the manual they describe. Click on a link or page number to go to that section.

Date	Version/ Patch	Page	Change	Project Manager	Technical Writer
9/3/08	OR*3.0*300 (This is an informational patch only.)	5	Removed patch RA*5.0*70 from list of related patches.	A. Ebert	T. Robinson
9/3/08	OR*3.0*300 (This is an informational patch only.)	12	Added a step for sites to review entries for intravenous additive and solutions and change a field to Yes, so that users can change, renew, and copy orders with the IV additives and solutions.	A. Ebert	T. Robinson

Table of Contents

CPRS GUI v27 Installation Requirements and Notes

CPRS GUI Version 27 consists of two host files and five patches that are not included in the two host files. The two host files are: OR_PSJ_PSO_27.KID and CPRS_BUNDLE_GUI_27_REQ_REL.KID. These two host files contain software patches that support CPRS GUI v27 functionality. The host files were created to simplify installation at Veterans Health Administration (VHA) facilities.

The five patches are: OR*3.0*281, OR*3.0*299, PSS*1.0*94, PSS*1.0*123 and GMTS*2.7*84. The PSS patches are distributed independent of the host files because of CMOP considerations. GMTS*2.7*84 is distributed independent of the host files because it requires OR*3.0*243 (CPRS GUI v27). OR*3.0*281 is distributed independent of the host files because it installs a menu option that sites should run to identify Radiology Quick Orders that need to be updated. The radiology quick orders cannot be updated until after the installation of OR*3.0*243, but the report will give sites an idea of the scope of the change, and sites should make plans accordingly. OR*3.0*299 requires OR*3.0*243 (CPRS GUI v27) and Identifies/Fixes Truncated Patient Instructions.

Required Patches

Before you can install CPRS GUI v.27, you must verify that the following required patches are properly installed on your system:

- ☐ OR*3.0*232
- ☐ OR*3.0*245
- ☐ OR*3.0*246
- ☐ OR*3.0*254
- ☐ OR*3.0*255
- ☐ OR*3.0*256
- ☐ OR*3.0*258
- ☐ OR*3.0*265
- ☐ OR*3.0*275
- ☐ OR*3.0*277
- ☐ PSS*1.0*94 (part of the CPRS v.27 installation sequence)
- ☐ PSS*1.0*112
- ☐ PSS*1.0*118
- ☐ XU*8.0*498
- ☐ YS*5.01*92

Related Patches

To fully implement the new features in CPRS GUI v.27, the following related patches must be installed on your system:

☐ DG*5.3*703
☐ GMRC*3.0*55
☐ GMTS*2.7*85
☐ IB*2.0*339
☐ LR*5.2*364
☐ OR*3.0*281 (part of the installation sequence)
☐ PSJ*5.0*120
☐ PSJ*5.0*180
☐ PSO*7.0*292
☐ PSS*1.0*108
☐ PXRM*2.0*6
☐ RA*5.0*86
☐ RA*5.0*92
☐ YS*5.01*85

Patches Distributed in the CPRS v.27 Related and Required Installation Bundle (CPRS_BUNDLE_GUI_27_REQ_REL.KID)

The CPRS development team bundled the following patches together to make it easier for sites to install them. The patches are either required for OR*3.0*243 installation or are related (meaning that they provide support from an ancillary package for CPRS changes). When you install the CPRS_BUNDLE_GUI_27_REQ_REL.KID host file, all of the patches in this bundle will be installed on your system.

☐ GMRA*4.0*38
☐ GMPL*2.0*35
☐ GMTS*2.7*80
☐ LR*5.2*365
☐ TIU*1.0*219
☐ WV*1.0*23

Patches Distributed in the CPRS v.27 Primary Bundle (OR_PSJ_PSO_27.KID)

This host file, OR_PSJ_PSO_27.KID, contains the CPRS GUI v.27 patch (OR*3.0*243) and two required pharmacy patches. When you install this host file, the three patches listed below will be installed on your system.

- ☐ PSJ*5.0*134
- ☐ PSO*7.0*225
- ☐ OR*3.0*243

Associated Patches to Be Installed after CPRS v.27

The following patches will be released separately from CPRS, but are part of the CPRS installation sequence.

- ☐ PSS*1.0*123 (part of the installation sequence)
- ☐ GMTS*2.7*84 (part of the installation sequence)
- ☐ OR*3.0*299 (part of the installation sequence)

Internet Explorer Requirements

Internet Explorer v4.0 (IE4) or later is REQUIRED in order for CPRS GUI v27 to run. However, IE5.5 or later is required for PKI functionality.

Installation Compliance Date

The compliance date for installation of OR*3.0*243 is 45 days. The extended compliance date is due to the complexity of CPRS GUI v27 and local training requirements.

The following patches have also extended their installation compliance dates to 45 days due to their interrelationship with CPRS GUI v27:

- GMRA*4*38
- GMPL*2*35
- GMTS*2.7*80
- GMTS*2.7*84
- LR*5.2*365
- OR*3.0*299
- PSJ*5.0*134
- PSO*7.0*225
- PSS*1.0*94
- PSS*1.0*123
- TIU*1.0*219
- WV*1.0*23

OE/RR REPORTS file (#101.24)

Items in the OE/RR REPORTS file (#101.24) with entry numbers greater than 999 are reserved, and should not be used for local enhancements. If you have any local changes to items in this number range that you want to keep, move them to an internal number <999. This patch will delete these entries numbers before proceeding with the install.

Local Modifications to CPRS GUI v27 Source Code

CPRS GUI v27 is compiled with Delphi 2006. Modification of CPRS GUI v27 Source Code requires Delphi 2006.

CPRS GUI v27 was compiled with the VA 508 Accessibility Framework. Modification of CPRS GUI v27 source code requires the VA 508 Accessibility Framework. Documentation is accessible at the following web site.

http://vaww.vista.med.va.gov/508WorkGroup/Delphi/home.asp

Software Retrieval

Download the necessary files from the FTP anonymous directories: download.vista.med.va.gov.

- CPRS_BUNDLE_GUI_27_REQ_REL.KID
- OR_PSJ_PSO_27.KID
- OR_30_243.ZIP

CPRS GUI v27 Software Installation Instructions

This patch should be installed during non-peak hours to minimize disruption. No users should be accessing CPRS during the install as this prevents you from replacing CPRSChart.exe. Installation will take approximately 15 minutes or more, depending on the menu structure at your site.

Listed below are general installation instructions for installing the CPRS GUI v27 KIDS builds and other patches. For specific installation details, refer to the CPRS GUI v27 Software Installation Capture. Additionally, review the National Patch Module messages for each patch for patch-specific information.

1. From the Kernel Installation and Distribution System (KIDS) Menu, select the Installation menu.

2. Use Load a Distribution. You may need to prepend a directory name.

3. If given the option to run any Environment Check Routine(s), answer "YES."

4. From this menu, you may then elect to use the following options:

    o   Backup a Transport Global
    o   Compare Transport Global to Current System
    o   Verify Checksums in Transport Global

5. When ready, select the Install Packages option.

6. When prompted "Want KIDS to Rebuild Menu Trees Upon Completion of Install? Yes//", respond "YES."

7. When prompted 'Want KIDS to INHIBIT LOGONs during the install! YES//', respond "YES."

8. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//', respond YES. When prompted to select the options you would like to place out of order, enter the following:

    OR OE/RR MENU CLINICIAN   CPRS Clinician Menu

    OR OE/RR MENU NURSE   CPRS Nurse Menu

    OR OE/RR MENU WARD CLERK   CPRS Ward Clerk Menu

    OR CPRS GUI CHART

9. When prompted 'Delay Install (Minutes): (0-60): 0//; respond '0.'

10. Move the routines to other CPUs if appropriate.

CPRS GUI v27 Software Installation Sequence

1. Install OR*3.0*281 and run option ORCM RA SEARCH [RADIOLOGY/IMAGING QUICK ORDER SEARCH].

    OR*3.0*281 installs a menu option ORCM RA SEARCH [RADIOLOGY/IMAGING QUICK ORDER SEARCH] that will assist sites in identifying Radiology Quick Orders that will need to be updated when sites install GUI v27.

    The individual who runs the ORCM RA SEARCH menu option will receive a MailMan message that includes a report identifying Radiology Quick Orders. For additional information, see the patch description for OR*3.0*281.

    Note: You should review the report and plan the updates needed for quick orders BEFORE installing OR*3*243. The updates cannot be made until after the installation of OR*3*243, but you will need to make them as soon as possible.

2. OR*3.0*243 (CPRS GUI v27) implements new functionality to collect/transmit a "Reason for Study" on Imaging/Radiology orders. Prior to CPRS GUI v.27, only the "Clinical History" was collected. Sites that have implemented a PACS system should evaluate their configuration to accommodate both a "Reason for Study" and "Clinical History."

Please alert your PACS administrator about this change to avoid problems with processing orders with a "Reason for Study."

With the release of RA*5.0*75, REASON FOR STUDY is now required. REASON FOR STUDY is being passed in OBR 31.2.

CLINICAL HISTORY FOR EXAM is now optional. It is being passed in OBX 5.1.

3. **WARNING:** Avoid installing CPRS GUI v27 software during the CMOP Transmission Process.

   a.) Identify the scheduled times for the CMOP Transmission by accessing the following options:
- Setup Auto-transmission [PSXR AUTO TRANSMIT]
- Setup CS Auto-transmission [PSXR AUTO TRANSMIT CS]

     Note: These options allow the user to change the times of the two transmissions. Do not change the transmission times without first communicating with the CMOP.

   b.) Check to see if a CMOP transmission is currently in progress using Fileman:

```
Select OPTION:    INQUIRE TO FILE ENTRIES

OUTPUT FROM WHAT FILE: CMOP SYSTEM//
Select CMOP SYSTEM:   CMOP-NATIONAL    ACTIVE
ANOTHER ONE:
STANDARD CAPTIONED OUTPUT? Yes// N  (No)
FIRST PRINT FIELD: XMIT STATUS
THEN PRINT FIELD:
Heading (S/C): CMOP SYSTEM LIST//
DEVICE:  VIRTUAL TELNET   Right Margin: 80//
CMOP SYSTEM LIST                          AUG  8,2008  11:26    PAGE 1
XMIT STATUS
--------------------------------------------------------------------------

NO CURRENT TRANSMISSION
```

4. **WARNING:** PSO*7.0*225 is a required patch that is included in OR_PSJ_PSO_27.KID. It includes PSOLBL. If your site has implemented a Pharmacy Robot, it is likely that it will fail if PSOLBL has been modified locally. If your site has implemented a Pharmacy Robot, make a backup of PSOLBL before installing the CPRS GUI v27 software. After the install, you will need to compare the new PSOLBL to the backup and identify the differences implemented to support your Pharmacy Robot.

5. Make sure all Nationally Released Required patches are installed.

6. Make sure all Nationally Released Related patches are installed.

7. CPRS v27 will be unable to run without the updated version of the BORLNDMM.DLL.

The updated BORLNDMM.DLL was initially distributed with OR*3.0*252, *Correct CPRSUpdate.EXE Defects.*   OR*3.0*252 instructed sites to appropriately place the updated BORLNDMM.DLL.

If sites use CPRSUpdate to update versions of CPRS, place the new BORLNDMM.DLL in the GOLD directory, and it will be updated automatically the next time CPRS is run on a workstation that uses CPRSUpdate.

If your site does not use CPRSUpdate to update versions of CPRS, or you have workstations that are updated by means other than CPRSUpdate, the BORLNDMM.DLL will need to be placed in the workstation or network server's CPRS directory, or in a location that is reachable via the workstation's PATH variable, replacing any previous copies that are installed.

Make sure that:

- The <u>updated</u> BORLNDMM.DLL is placed in your GOLD directory, **-or-**
- NO BORLNDMM.DLL is in your GOLD directory.

CPRS GUI v27 Users will experience the following error if the BORLNDMM.DLL is not updated:

8. Install PSS*1.0*94.

    Please refer to the CPRS GUI v27 Installation Capture for installation details.

9. Install Required and Related Patches for OR*3.0*243:
    CPRS_BUNDLE_GUI_27_REQ_REL.KID

    Please refer to the CPRS GUI v27 Installation Capture for installation details.

10. Install OR*3.0*243 (CPRS GUI v27), PSJ*5.0*134 and PSO*7*225:
    OR_PSJ_PSO_27.KID

    Please refer to the CPRS GUI v27 Installation Capture for installation details.

11. Install PSS*1.0*123.

    Please refer to the CPRS GUI v27 Installation Capture for installation details.

12. Install GMTS*2.7*84.

    Please refer to the CPRS GUI v27 Installation Capture for installation details.

13. Install OR*3.0*299.

- This patch creates a post install that repairs truncated patient instructions in the ORDERS file (#100). When a discrepancy is found between the patient instructions in the PRESCRIPTION file (#52) and the ORDERS file (#100), the text from the PRESCRIPTION file (#52) will be used to set the patient instructions into the ORDERS file (#100).
- The post install also creates the Modified Truncated Patient Instruction search report that shows what was done. The data is similar to the example below:

```
Patient/Division      SSN    Item/Dispense        Status/RX#     Stop/OIEN
CPRSOUTPATIENT,ONE    4695   ASPIRIN TAB          DISCONTINUED   02/06/2008
DAYTON                       ASPIRIN 325MG BUFFER 2666542        12607212
```

14. Distribute CPRSCHART.EXE, CPRS.HLP, CPRS.CNT located in OR_30_243.ZIP.

These three files should be distributed to the same directory as the borlndmm.dll. Usually, these files are located in the CPRS directory.

15. Place the User and Technical Manual files in a location that can be accessed by CPRS users.

16. After CPRS v27 is installed into production, do the following:

a) Review the New Parameters exported with CPRS GUI v27 (see listing below). You will need to set the values for all new parameters.

b) Correct the Radiology quick orders you have identified from the search routine from the [ORCM RA SEARCH] option.

c) If your site has implemented the new Mental Health Assistant (PXRM*2*6 and YS*5.01*85) and OR USE MH DLL parameter is set to YES, make sure the following have been done:
   o YS_MHA.dll and MHA3_DLL_Scoring.dll must be placed in the Common Files folder (same place as Vitals dll).
   o YS Broker1 must be assigned as a secondary menu option for users that:
      o Process MH tests in the new MHA3 executable
      o Have access to reminder dialogs in CPRS

   o Rebuild your Menus.

d) Review the MailMan message generated when you ran the following option. This option was implemented with OR*3.0*281:
   ORCM RA SEARCH   RADIOLOGY/IMAGING QUICK ORDER

e) Review the Quick Orders Mail Man message generated when you installed OR*3.0*243 or generate a new message by running the following option:
   MR   Medication Quick Order Report [OR MEDICATION QO CHECKER] which is located on ORDER MENU MANAGEMENT [ORCM MGM]

f) Review the ADMINISTRATION SCHEDULES for your site and make sure the TYPE OF SCHEDULE field (51.1,5) is set to "P" for all PRN schedules. Otherwise, users will think they are ordering a PRN order; but CPRS and Pharmacy will not treat the order as a PRN order. PRN schedules may be updated using the following option under the PSS MGR menu:

    PSS SCHEDULE EDIT   Standard Schedule Edit

g) Evaluate IV Additives and IV Solution.
    Implementation of three new fields, IV Type, Route and Schedule, to the Infusion Order Dialog in CPRS GUI v.27 was done to address several PSIs, including:
    ▪ PSI-06-014: How epidural routes appear on the IV tab in BCMA and appear in CPRS under IV fluids is contributing to medication errors.
    ▪ PSI-06-045: The CPRS IV dialogue lacks a field for the provider to enter the route of infusion.
    ▪ PSI-07-036: Epidural QO with default of IV route may result in epidural given via IV port.

    Implementing these changes requires sites to evaluate their IV Additives and IV Solutions and to set the USED IN IV FLUID ORDER ENTRY fields to YES in the IV ADDITIVES file (#52.6) and IV SOLUTIONS file (#52.7); otherwise, CPRS users will NOT be able to change, copy or renew IV orders.

    Update these two fields using the following options:
    To update the IV Additives file:

```
Select OPTION NAME: PSSJI DRUG
     1    PSSJI DRUG         ADditives File
     2    PSSJI DRUG INQUIRY       Drug Inquiry (IV)
CHOOSE 1-2: 1  PSSJI DRUG     ADditives File
ADditives File
Select IV ADDITIVES PRINT NAME: DEXDEXAMETHASONE
              NATL FORM (NDC)
PRINT NAME: DEXAMETHASONE//
GENERIC DRUG: DEXAMETHASONE 4MG/ML 1ML INJ//
USED IN IV FLUID ORDER ENTRY: YES//  ← This prompt should be set to
YES
```

    To update the IV Solutions file:
```
Select OPTION NAME: PSSJI SOLN        PRimary Solution File (IV)
PRimary Solution File (IV)
Select IV SOLUTIONS PRINT NAME: DEX DEXTROSE 10%          500 ML
              NATL FORM; 500ML SOLN IN 1000ML BAG
PRINT NAME: DEXTROSE 10%//
PRINT NAME {2}:
GENERIC DRUG: DEXTROSE 70% 500ML IN 1000ML BAG//
VOLUME: 500 ML//
Select ELECTROLYTES:
Select SYNONYM: D10W//
```

```
DRUG INFORMATION:
  No existing text
  Edit? NO//
AVERAGE DRUG COST: 7.45//
INACTIVATION DATE: JUN 21,1989//
USED IN IV FLUID ORDER ENTRY: NO//  ← This prompt should be set to
YES
```

h) Implement CPRS GUI v27 Functionality to Assist Visually Impaired Users. Place the JAWS Configuration Files as noted below. These files are included in OR_30_243.ZIP. Please see Appendix A of the User Manual for additional information such as keyboard short cuts.

Note: This is optional and should be done for those users with visual disabilities.

JAWS Configuration Files

JAWS is a screen reader application that enables a computer to verbally describe the controls and content of computer applications. For example, in CPRS, when a user changes tabs, JAWS will speak the name of the tab, such as "Orders", enabling the visually-challenged user to navigate CPRS and complete necessary tasks.

Developers have created specialized scripts and CPRS components that enable JAWS to work more effectively with CPRS. As part of the CPRS GUI v.27 (OR*3.0*243) release a zip file (CPRS27_JAWS_SUPPORT_FILES.ZIP) including the JAWS scripts and supporting files is being distributed.

The improvements work only with JAWS 7.1 or later. However, JAWS 8.0.2173 or later is best because it fixes a bug that caused CPRS to crash when reading progress notes with JAWS. This fix is not in earlier versions of JAWS 8.0.

Usually it is best for JAWS users stay up to date with the latest releases of the product.

- JAWS.SR - DLL used for communication between JAWS and CPRS
- JAWSUPDATE - Used to update JAWS 7.1 to work with the component
- VA508APP.jcf - JAWS configuration file
- VA508APP.JSS - JAWS script file
- VA508JAWS.jss - JAWS script file
- VA508JAWSDispatcher – Application used for communication between JAWS and multiple applications using the JAWS.SR DLL
- VA508APP.jkm - JAWS keyboard mapping file
- VA508JAWS.jsd - Documentation companion file to the VA508JAWS.jss script file
- Vcredist_x86.exe is the Microsoft Visual C++ 2005 Redistributable. It's called by JAWSUpdate.exe.

To use the accessibility features, a user must copy these files into Program Files\Vista\Common Files, which is normally found on the workstation at C:\Program Files\Vista\Common Files. If the workstation is running JAWS 8.0.2173 or higher, nothing further is required.

If the workstation is running an earlier version of JAWS 8.0, or JAWS 7.1.500, the user must go to Program Files\Vista\Common Files and run JAWSUpdate.exe. JAWSUpdate installs a COM object for compatibility with these versions.

Note: You must have administrative rights on the machine to run JAWSUpdate.exe.

If the workstation is running a version of JAWS that is older than v 7.1.500, the new accessibility features in CPRS will not function. CPRS will function as it did without these changes, but the following error message will display:

New Parameters Introduced with CPRS GUI v27

- OR ADMIN TIME HELP TEXT-- CPRS ADMINISTRATION TIMES HELP TEXT
    - o System level parameter
    - o This parameter defines the text message to display when the user clicks on the administration times on the complex dosage tab.
    - o This parameter determines the information that is displayed in the *Administration Time Information* pop-up or Hover Hint that is displayed to the user. The pop-up includes the administration times for the dose and the help text defined in this parameter.
    - o Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR CLOZ INPT MSG--DISPLAY TEXT: MSG TO DISPLAY ON INPT ORD OF CLOZAPINE
    - o System level Parameter
    - o This parameter defines the text that advises users about the site's policy regarding management of inpatient Clozapine orders.
    - o Clozapine is usually prescribed in an outpatient setting, but it can be ordered for inpatients. However, the special appropriateness order checks that occur when finishing in the backdoor Outpatient Pharmacy setting do not occur in the finishing process in backdoor Inpatient Pharmacy. In addition, backdoor Outpatient Pharmacy sends the clozapine information to the National Clozapine Coordinating Center (NCCC) database. Some sites have directed the ordering provider to place a corresponding outpatient order when placing an inpatient clozapine order. The sites that have this policy can use the new OR CLOZ INPT MSG parameter to help reinforce this policy to the ordering providers.
    - o Access via:

```
PE  CPRS Configuration (Clin Coord)
GP  GUI Parameters
CLOZ   GUI Edit Inpatient Clozapine Message
```

- OR DC REASON LIST—DISPLAY TEXT: DC REASON SEQUENCE
  - System level parameter
  - This parameter sets the display sequence of the DC Reason list
  - This parameter determines the sequence sites want the order DC reasons to appear. Sites do not need to set a sequence for every DC Reasons. For example if a site wants to set the "Requesting Physician Cancelled" DC Reasons to the top of the list. Sites will set a value of 1 for that entry and CPRS will display the rest of the DC Reasons after the "Requesting Physician Cancelled" DC reason.
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR FLAGGED ORD REASONS—DISPLAY TEXT: LIST OF GENERIC FLAG REASONS
  - System level parameter
  - This parameter allows sites to define standard generic reason's for flagging orders that the users can choose in the CPRS GUI.
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR LAPSE ORDERS—DISPLAY TEXT: LAPSE UNSIGNED/UNRELEASED ORDER BY GROUP
  - Division, System level parameter
  - This parameter sets the number of days to keep unsigned/unreleased orders before lapsing them.
  - The purpose of this parameter is to store the number of days that old orders will be lapsed. This parameter is multi valued with an instance term of DISPLAY GROUPS. Thus the way it works is that you can set "Display Group A" so that old orders from this display group will lapse in 10 days for instance. Then you could have "Display Group B" set so that those orders would lapse when they are 20 days old. Display groups not individually set by this parameter are affected by the OR LAPSE ORDERS DFLT parameter.
  - By lapsing, it is meant that the order is placed in a LAPSED status
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR LAPSE ORDERS DFLT—DISPLAY TEXT: LAPSE UNSIGNED/UNRELEASED ORDER DEFAULT
    - Division, system level parameter
    - This parameter sets the default for the number of days that old orders will be lapsed when those orders are from a DISPLAY GROUP that does not have parameter OR LAPSE ORDERS set
    - The purpose of this parameter is to store the number of days that old orders will be lapsed when those orders are from a DISPLAY GROUP that does not have parameter OR LAPSE ORDERS set. The default value that is set in this parameter will affect all orders that do not have a specific DISPLAY GROUP value. Thus if both "Display Group A" and "Display Group B" have parameter OR LAPSE ORDERS set for them but "Display Group C" does not, then orders from "Display Group C" will get lapsed in the number of days specified in OR LAPSE ORDERS DFLT.
    - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR USE MH DLL—DISPLAY TEXT: Use MH DLL?
    - System level parameter
    - This parameter is a toggle that allows/disallows use of the Mental Health DLL in Clinical Reminder dialogs
    - The purpose of this parameter is to allow sites to allow/disallow use of the Mental Health DLL when CPRS GUI v27 in installed. It is exported with a value of YES. If your site has not implemented PXRM*2*6 and YS*5.01*85, you should change this setting to NO.
    - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- ORWLR LC CHANGED TO WC—DISPLAY TEXT: MESSAGE FOR LC CHANGED TO WC
    - Division, system, location, service, package level parameter
    - This parameter defines the text that provides instructions regarding specimen collection for orders that have been changed from lab collect to ward collect.
    - This will allow local customization of the message displayed to users when lab collect orders with continuous schedules are automatically changed to ward collect when lab collection is not available. Parameter allows 80 characters of text. The 80-character limit is necessary because this text will not wrap. The PACKAGE value exported with the parameter is the existing "Please contact the ward staff to insure the specimen is collected."
    - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR RA RFS CARRY ON—DISPLAY TEXT: OR RA RFS CARRY ON
  - System level parameter
  - This parameter determines if CPRS will carry on the text entered in the Reason for Study field of the Radiology (Imaging) order dialog to subsequent orders in the same ordering session.
  - By carry on means that when one order is entered the value entered in the Reason for Study field will be held and used again in subsequent Radiology orders.
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

CPRS / VBECS Parameters

These parameters will not be evaluated by CPRS until VBECS is installed.

- OR VBECS COMPONENT ORDER –DISPLAY TEXT: List of Blood Components
  - System, Division, Package, User level parameter
  - This parameter allows a sequence to be assigned to Blood Components selectable from VBECS.
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR VBECS MODIFIERS—DISPLAY TEXT: List of Component Modifiers
  - System, Package level parameter
  - This parameter allows local configuration of the blood component modifiers.
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR VBECS REASON FOR REQUEST—DISPLAY TEXT: List of Reasons for Request
  - System, Package level parameter
  - This parameter allows local configuration of the Reasons for Request.
  - Access via:

```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- OR VBECS SUPPRESS NURS ADMIN—DISPLAY TEXT: Suppress Nursing Admin Prompt
  - System, Division, Package level parameter
  - This parameter disables the prompt/pop-up that tells the user they must enter a Nursing Administration Order manually after entering a VBECS Blood order. Disabling this feature is usually done when a Nursing Administration order has been created and added to a VBECS order set.
  - Access via:
```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

- ORWDXVB VBECS TNS CHECK—DISPLAY TEXT: DAYS TO CHECK FOR TYPE & SCREEN
  - Division, system level parameter
  - This parameter is relevant for sites that have installed VBECS and OR*3.0*212.
  - This parameter is used in the VBECS Order Dialog to check for recent orders for a Type & Screen order. The default is 3 days, but a site can override this number by setting this parameter to something different. If it doesn't get set, the default of 3 days is used, which is standard in most circumstances. It would be up to the Blood Bank to determine otherwise.
  - Access via:
```
IR  CPRS Configuration (IRM)
XX  General Parameter Tools
EP  Edit Parameter Values
```

CPRS GUI v27 Display Change for Existing Parameter – OR UNSIGNED ORDERS ON EXIT

- The OR UNSIGNED ORDERS ON EXIT parameter allows sites to control how orders are displayed on the Review/Sign Changes dialog. The parameter OR UNSIGNED ORDERS ON EXIT may be set to include NEW ORDERS ONLY, MY UNSIGNED ORDERS, or ALL UNSIGNED ORDERS. If sites include ALL UNSIGNED ORDERS, CPRS could display orders that were quite old, but had never been signed and the provider might sign orders that should not be signed.
  To address this issue, the CPRS Clinical workgroup and the Patient Safety Workgroup, made some recommendations. If sites use the ALL UNSIGNED ORDERS options, the orders on the Review/Sign Changes dialog will be separated into three sections:
  - **My Unsigned Orders - This Session**: This list contains all orders written by the current user in the current session.
  - **My Unsigned Orders - Previous Sessions**: This list contains all orders written in previous sessions by the current user.

o **Others' Unsigned Orders - All Sessions**: This list contains all orders written by other users.

This should enable providers to distinguish which orders belong to them and which do not.

Additionally, when the user discontinues an unsigned/unreleased order, if the order was placed in the current ordering session the order is DELETED. If the order was placed in a different ordering session, then the order is CANCELLED. Deleted orders do not appear in the chart because other users never saw them, but it is possible that other clinicians saw the order placed in a different session so that information is retained in the chart and the order is given a CANCELLED status.

Note: Note on Ordering Session—With CPRS 27, how CPRS behaves when a user discontinues (DC) an order is affected by the ordering session. If the order is Dc'd in the same ordering session in which it was created, then it is deleted and no longer remains in the database. If the order is Dc'd in a different ordering session, then the order is given a status of CANCELLED and is still in the database in file 100. Special attention should be given to when an ordering session actually ends. It ends in one of the following 4 ways:

o The user switches patients
o The user closes CPRS
o The user performs a Review/Sign changes Action
o The user performs a Refresh Patient Information

CPRS GUI v27 Changed Definition of Existing Parameter – ORWOR WRITE ORDERS LIST

- This parameter is used to list the order dialog names that should appear in the Write Orders list box of the CPRS GUI. This is the list of dialogs that should be used in the inpatient setting.

Since entry of an allergy was changed to be on the cover sheet, the GMRAOR ALLERGY ENTER/EDIT order dialog cannot be added to parameter ORWOR WRITE ORDERS LIST. The menus it was on work, but CPRS would not accept it on the write orders section nor on any new menus.

Resolution: Changed the definition of parameter ORWOR WRITE ORDERS LIST to allow entries of type ACTION from file 101.41. This was already allowed on order menus.

CPRS GUI v27 Meds Tab Views Regulated by Existing Parameter—ORCH CONTEXT MEDS

- This parameter is used to specify a date range (in days) for Meds tab displays that dictate the length of time orders are displayed. The parameter provides strings of delimited (";) pieces, the first two of which are always a relative date range. Users can determine the date range of medications that display on the Medications tab through the Tools | Options pull-down menu in CPRS.

  This parameter functions independently of display settings for the Orders tab. If you need to alter the display range for expired medication orders on the Orders tab, please adjust the ORWOR EXPIRED ORDERS parameter accordingly.

- This parameter should be reviewed at both the system level and user level. If the system level parameter is set to "**Value: ;T+1//**" users will not see any EXPIRED Meds.   Listed below is an example setting ORCH CONTEXT MEDS to accommodate display of expired orders.

```
ORCH CONTEXT MEDS    Meds Tab Context

ORCH CONTEXT MEDS may be set for the following:

    1    User          USR    [choose from NEW PERSON]
    5    System        SYS    [SITE NAME.MED.VA.GOV]

Enter selection: 5  System    SITE NAME.MED.VA.GOV

-------- Setting ORCH CONTEXT MEDS  for System: SITE NAME.MED.VA.GOV
--------
Value: T-120;T+1//
```

There isn't a separate parameter for Outpatient Meds vs Inpatient Meds. Outpatient medication reviewers need to go back 120 Days since there are typically a large number of Days Supply set at 90 and to capture this group the parameter will need to be set to go back in time.

On the other hand, users typically don't need to see expired orders that far back in time for Inpatient Orders. Since there is only one parameter to manage both types of orders, the Inpatient Users may complain about seeing a bunch of Expired, Discontinued, and Dc/Edit Orders that they haven't see in the past.

New Graphing Resource Device

CPRS v.27 has improved performance on graphing patient data by using a "cache", gathering the patient's data in advance of using graphing functions. This avoids always fetching the data.

To ensure that there is not excessive system processing for data extraction, developers added a new resource device (ORWG GRAPHING RESOURCE) in CPRS v27. It is initially set to allow only three processes to be running at one time. The Resource Slots field can be changed to allow more or fewer processes to occur.

For additional information, please see the *CPRS Technical Manual*.

CPRS GUI v27 Software

*Patches Not Included in an OR*3.0*243 Bundle*

PATCH	SUPPORTED FUNCTIONALITY
GMTS*2.7*84	Adds Reason for Study to OE/RR Radiology Report and Health Summary
OR*3.0*281	Identifies Radiology/Imaging Quick Orders that may need editing
OR*3.0*299	Identifies and Repairs Truncated Patient Instructions in the ORDERS file (100)
PSS*1.0*94	Changes to input template PSSJ SCHEDULE EDIT
PSS*1.0*123	Supports Millimole Functionality

OR_PSJ_PSO_27.KID-- PRIMARY BUILD

PATCH	SUPPORTED FUNCTIONALITY
OR*3.0*243	Primary OR patch for CPRS GUI v27
PSJ*5.0*134	Primary Inpatient Medications patch supporting medication dialog changes
PSO*7.0*225	Primary Outpatient Pharmacy patch supporting medication dialog changes

CPRS_BUNDLE_GUI_27_REQ_REL.KID

PATCH	SUPPORTED FUNCTIONALITY
GMRA*4*38	Add "Entered in Error" Allergy Progress Note to CPRS signature list
GMPL*2*35	SHAD—Environmental Indicator (Shipboard Hazard And Defense)
GMTS*2.7*80	Pharmacy Encapsulation
LR*5.2*365	Support for PSI-05-027, PSI-05-001 Reformat Lab Reports
TIU*1.0*219	Graphing and Discharge Summary Attending Selection List Changes
WV*1.0*23	Support for PSI-05-001, PSI-06-068, PSI-06-134, PSI-07-014 and PSI-07-031

OR_30_243.ZIP

The JAWS files are included in this zip file. JAWS files must be installed when the JAWS screen reader is used.

All the files in the JAWS Support Files zip file (CPRS27_JAWS_SUPPORT_FILES.ZIP) should be copied into the Program Files\Vista\Common Files directory. One of these files, JAWSUPDATE.exe, must be run

in order to enable the JAWS code. This will install a Freedom Scientific COM object that is compatible with JAWS 7.1 or greater. You must have administrator rights on your machine when you run JAWSUPDATE. After running JAWSUPDATE, the user will no longer require administrator rights.

See table below for files included in the CPRS_JAWS_SUPPORT_FILES.ZIP

FILE	VERSION	CONTENTS
Borlndmm.dll	10.0.2288.42451	New Borland DLL
CPRSChart.exe	1.0.27.77	CPRS GUI v27.77
CPRSGUIUM.doc	N/A	CPRS GUI User Manual
CPRSLMTM.doc	N/A	CPRS ListManager Technical Manual
OR_30_243RN.doc	N/A	CPRS v27 Release Notes
JAWS.SR	1.10	DLL used for communication between JAWS and CPRS
JAWSUpdate.exe	N/A	Used to update JAWS 7.1 to Work with the component
VA508APP.jcf	N/A	JAWS configuration file
VA508APP.jss	N/A	JAWS script file
VA508JAWS.jss	1137	JAWS script file
VA508JAWSDispatcher.exe	N/A	Application used for communication between JAWS and multiple applications using the JAWS.SR DLL
VA508APP.jkm	N/A	JAWS keyboard mapping file
VA508JAWS.jsd	N/A	Documentation companion file to the VA508JAWS.jss script file
vcredist_x86.exe	2.0.50727.42	Vcredist_x86.exe is the Microsoft Visual C++ 2005 Redistributable. It's called by JAWSUpdate.exe.

CPRS GUI v27 Software Installation Capture

Select OPTION NAME: XPD MAIN   Kernel Installation & Distribution System

        Edits and Distribution ...
        Utilities ...
        Installation ...
        Patch Monitor Main Menu ...

Select Kernel Installation & Distribution System Option: INSTALLation

OR*3*281 Installation Capture

   1   Load a Distribution
   2   Verify Checksums in Transport Global
   3   Print Transport Global
   4   Compare Transport Global to Current System
   5   Backup a Transport Global
   6   Install Package(s)
        Restart Install of Package(s)
        Unload a Distribution

Select Installation Option: 6 Install Package(s)

Select INSTALL NAME: OR,281 OR*3.0*281   Loaded from Distribution 8/6/08@11:
56:46
   => OR*3*281

This Distribution was loaded on Aug 06, 2008@11:56:46 with header of
  OR*3*281
  It consisted of the following Install(s):
   OR*3.0*281
Checking Install for Package OR*3.0*281

Install Questions for OR*3.0*281

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

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

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

 Install Started for OR*3.0*281:
      Aug 06, 2008@11:57:31

Build Distribution Date: Jul 29, 2008

 Installing Routines:
      Aug 06, 2008@11:57:32

 Installing PACKAGE COMPONENTS:

Installing OPTION:
          Aug 06, 2008@11:57:32

Updating Routine file...

Updating KIDS files...

OR*3.0*281 Installed.
          Aug 06, 2008@11:57:32

Install Completed

PSS*1*94 Installation Capture

    1   Load a Distribution
    2   Verify Checksums in Transport Global
    3   Print Transport Global
    4   Compare Transport Global to Current System
    5   Backup a Transport Global
    6   Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution

Select Installation Option: 6 Install Package(s)
Select INSTALL NAME: PSS,94 PSS*1.0*94   Loaded from Distribution 8/6/08@12:
00:15
    => PSS*1*94

This Distribution was loaded on Aug 06, 2008@12:00:15 with header of
  PSS*1*94
  It consisted of the following Install(s):
    PSS*1.0*94
Checking Install for Package PSS*1.0*94

Install Questions for PSS*1.0*94

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

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

 Install Started for PSS*1.0*94 :

Aug 06, 2008@12:00:34

Build Distribution Date: Mar 03, 2008

 Installing Routines:
          Aug 06, 2008@12:00:35

 Installing PACKAGE COMPONENTS:

 Installing INPUT TEMPLATE:
          Aug 06, 2008@12:00:35

 Updating Routine file...

 Updating KIDS files...

 PSS*1.0*94 Installed.
          Aug 06, 2008@12:00:35

 Install Completed

CPRS_BUNDLE_GUI_27_REQ_REL.KID Installation Capture

   1   Load a Distribution
   2   Verify Checksums in Transport Global
   3   Print Transport Global
   4   Compare Transport Global to Current System
   5   Backup a Transport Global
   6   Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution

Select Installation Option: 1 Load a Distribution
Enter a Host File: CPRS_BUNDLE_GUI_27_REQ_REL.KID

KIDS Distribution saved on Jun 18, 2008@09:19:26
Comment: CPRS27 REQUIRED BUNDLE - RELEASED

This Distribution contains Transport Globals for the following Package(s):
  CPRS BUNDLE GUI 27.0
  WV*1.0*23
  TIU*1.0*219
  GMPL*2.0*35
  GMRA*4.0*38
  GMTS*2.7*80

LR*5.2*365
Distribution OK!

Want to Continue with Load? YES//
Loading Distribution...

   CPRS BUNDLE GUI 27.0
   WV*1.0*23
   TIU*1.0*219
   GMPL*2.0*35
   GMRA*4.0*38
   GMTS*2.7*80
Build LR*5.2*365 has an Enviromental Check Routine
Want to RUN the Environment Check Routine? YES//
   LR*5.2*365
Will first run the Environment Check Routine, LR365

         Sending transport global loaded alert to mail group G.LMI

Use INSTALL NAME: CPRS BUNDLE GUI 27.0 to install this Distribution.

   1   Load a Distribution
   2   Verify Checksums in Transport Global
   3   Print Transport Global
   4   Compare Transport Global to Current System
   5   Backup a Transport Global
   6   Install Package(s)
         Restart Install of Package(s)
         Unload a Distribution

Select Installation Option: 6 Install Package(s)
Select INSTALL NAME: CPRS BUNDLE GUI 27.0   Loaded from Distribution 8/6/08
@12:26:22
     => CPRS27 REQUIRED BUNDLE - RELEASED ;Created on Jun 18, 2008@09:19:26

This Distribution was loaded on Aug 06, 2008@12:26:22 with header of
   CPRS27 REQUIRED BUNDLE - RELEASED ;Created on Jun 18, 2008@09:19:26
   It consisted of the following Install(s):
CPRS BUNDLE GUI 27.0   WV*1.0*23   TIU*1.0*219   GMPL*2.0*35
   GMRA*4.0*38   GMTS*2.7*80   LR*5.2*365
Checking Install for Package CPRS BUNDLE GUI 27.0

Install Questions for CPRS BUNDLE GUI 27.0

Checking Install for Package WV*1.0*23

Install Questions for WV*1.0*23

Checking Install for Package TIU*1.0*219

Install Questions for TIU*1.0*219

Incoming Files:

  8925   TIU DOCUMENT (Partial Definition)
Note: You already have the 'TIU DOCUMENT' File.

  8925.95   TIU DOCUMENT PARAMETERS (Partial Definition)
Note: You already have the 'TIU DOCUMENT PARAMETERS' File.

Checking Install for Package GMPL*2.0*35

Install Questions for GMPL*2.0*35

Incoming Files:

  9000011   PROBLEM (Partial Definition)
Note: You already have the 'PROBLEM' File.

Checking Install for Package GMRA*4.0*38

Install Questions for GMRA*4.0*38

Checking Install for Package GMTS*2.7*80

Install Questions for GMTS*2.7*80

Checking Install for Package LR*5.2*365
Will first run the Environment Check Routine, LR365

          --- Environment Check is Ok ---

Install Questions for LR*5.2*365

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//

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

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

 Install Started for CPRS BUNDLE GUI 27.0 :
            Aug 06, 2008@12:27:39

Build Distribution Date: Jun 18, 2008

 Installing Routines:
            Aug 06, 2008@12:27:39

 Install Started for WV*1.0*23 :
            Aug 06, 2008@12:27:39

Build Distribution Date: Aug 01, 2007

 Installing Routines:
            Aug 06, 2008@12:27:39

 Updating Routine file...

 Updating KIDS files...

 WV*1.0*23 Installed.
            Aug 06, 2008@12:27:39

 Install Started for TIU*1.0*219 :
            Aug 06, 2008@12:27:39

Build Distribution Date: Feb 04, 2008

 Installing Routines:
            Aug 06, 2008@12:27:40

Installing Data Dictionaries:
          Aug 06, 2008@12:27:40

Installing PACKAGE COMPONENTS:

Installing REMOTE PROCEDURE:
          Aug 06, 2008@12:27:40

Running Post-Install Routine: ^TIUPS219

Compiling TIU ENTER/EDIT DS Input Template of File 8925..
'TIUEDS1' ROUTINE FILED..
'TIUEDS2' ROUTINE FILED.....
'TIUEDS3' ROUTINE FILED.
'TIUEDS4' ROUTINE FILED.
'TIUEDS' ROUTINE FILED.....
'TIUEDS6' ROUTINE FILED.
'TIUEDS7' ROUTINE FILED....
'TIUEDS8' ROUTINE FILED.
'TIUEDS9' ROUTINE FILED.
'TIUEDS5' ROUTINE FILED..........
'TIUEDS11' ROUTINE FILED.
'TIUEDS12' ROUTINE FILED..
'TIUEDS13' ROUTINE FILED.
'TIUEDS10' ROUTINE FILED.
'TIUEDS14' ROUTINE FILED.

Updating Routine file...

The following Routines were created during this install:
    TIUXRC
    TIUXRC1
    TIUXRC2
    TIUXRC3
    TIUXRC4
    TIUXRC5
    TIUXRC6

Updating KIDS files...

TIU*1.0*219 Installed.
          Aug 06, 2008@12:27:41

Install Started for GMPL*2.0*35 :
        Aug 06, 2008@12:27:41

Build Distribution Date: Mar 21, 2008

 Installing Routines:
        Aug 06, 2008@12:27:41

 Installing Data Dictionaries:
        Aug 06, 2008@12:27:41

 Updating Routine file...

 Updating KIDS files...

 GMPL*2.0*35 Installed.
        Aug 06, 2008@12:27:41

 Install Started for GMRA*4.0*38 :
        Aug 06, 2008@12:27:41

Build Distribution Date: May 04, 2007

 Installing Routines:
        Aug 06, 2008@12:27:41

 Running Post-Install Routine: POST^GMRAY38

 Updating Routine file...

 Updating KIDS files...

 GMRA*4.0*38 Installed.
        Aug 06, 2008@12:27:48

 Install Started for GMTS*2.7*80 :
        Aug 06, 2008@12:27:48

Build Distribution Date: May 21, 2007

 Installing Routines:
        Aug 06, 2008@12:27:48

Updating Routine file...

Updating KIDS files...

GMTS*2.7*80 Installed.
      Aug 06, 2008@12:27:48

Install Started for LR*5.2*365 :
      Aug 06, 2008@12:27:48

Build Distribution Date: Apr 23, 2008

Installing Routines:
      Aug 06, 2008@12:27:48

Installing PACKAGE COMPONENTS:

Installing OPTION
      Aug 06, 2008@12:27:49

Updating Routine file...

Updating KIDS files...

LR*5.2*365 Installed.
      Aug 06, 2008@12:27:49

Updating Routine file...

Updating KIDS files...

CPRS BUNDLE GUI 27.0 Installed.
      Aug 06, 2008@12:27:49

Install Completed

Checksum Value Verification

```
    1     Load a Distribution
    2     Verify Checksums in Transport Global
    3     Print Transport Global
    4     Compare Transport Global to Current System
    5     Backup a Transport Global
    6     Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution


Select Installation Option: 2  Verify Checksums in Transport Global
Select INSTALL NAME: OR PSJ PSO 27 1.0      Loaded from Distribution  8/6/08@12
:42:05
   => CPRS27 AND REQUIRED PHARMACY PATCHES - RELEASED  ;Created on Jun
18, 2


This Distribution was loaded on Aug 06, 2008@12:42:05 with header of
   CPRS27 AND REQUIRED PHARMACY PATCHES - RELEASED  ;Created on Jun 18,
2008@09:
54:06
   It consisted of the following Install(s):
OR PSJ PSO 27 1.0    PSJ*5.0*134    PSO*7.0*225    OR*3.0*243


Want each Routine Listed with Checksums: Yes//   YES


PACKAGE: OR PSJ PSO 27 1.0    Aug 06, 2008 12:43 pm              PAGE 1
--------------------------------------------------------------------------------




   0 Routine checked, 0 failed.

PACKAGE: PSJ*5.0*134    Aug 06, 2008 12:43 pm              PAGE 1
--------------------------------------------------------------------------------



PSGOE1    Calculated  29072557
PSGOE6    Calculated  24315055
PSGOEC    Calculated  67210353
PSGOECS   Calculated  48040655
PSGOEF    Calculated  63235308
PSGOT     Calculated  14273547
PSGS0     Calculated  51528600
PSIVCAL   Calculated  65800854
PSIVEDT   Calculated  41996183
PSIVORA   Calculated  28909914
```

PSIVORC   Calculated 24718262
PSIVORC1 Calculated 43227243
PSIVOREN Calculated 27138020
PSIVORFA Calculated 24701688
PSIVORFB Calculated 50190472
PSIVSP   Calculated 37490534
PSIVUTL1 Calculated 26385588
PSJHL2   Calculated 36875797
PSJHL3   Calculated 65300768
PSJHL4   Calculated 72457593
PSJHL4A   Calculated 56736588
PSJHL5   Calculated 31480184
PSJHL9   Calculated 61245429
PSJHLU   Calculated 34501644
PSJLIACT Calculated 40055313
PSJLIVFD Calculated 39296093
PSJLIVMD Calculated 77166995
PSJOREN   Calculated 15419073
PSJORPOE Calculated 37937868
PSJORRE   Calculated 32121973
PSJORRE1 Calculated 35337470
PSJORREN Calculated 20851674
PSJORRN   Calculated 60756345
PSJORRN1 Calculated 54888629
PSJORRO   Calculated 61708639
PSJORUT2 Calculated 47514615
PSJUTL   Calculated 65061820

   37 Routines checked, 0 failed.

PACKAGE: PSO*7.0*225   Aug 06, 2008 12:43 pm   PAGE 1

PSOCAN3   Calculated 70221168
PSOCAN3N Calculated   656532
PSOCAN4   Calculated 42375050
PSOCIDC2 Calculated 71704423
PSOCP   Calculated 67321239
PSOCP1   Calculated   5367762
PSOCPC   Calculated 74796456
PSOCPE   Calculated 80668529
PSODIAG   Calculated 63590551
PSOHLDA   Calculated 10014334
PSOHLNE1 Calculated 73330251
PSOHLNE2 Calculated 60250922
PSOHLNE3 Calculated 61361284
PSOHLNE4 Calculated 17206219

PSOHLNEW Calculated 80329211
PSOHLPII Calculated 53884421
PSOHLPIS Calculated 64280169
PSOHLSN1 Calculated 71972158
PSOHLSN2 Calculated 7919233
PSOHLSN3 Calculated 4822097
PSOHLSNC Calculated 54704997
PSOHLUP Calculated 20030650
PSOLBL Calculated 63143813
PSOLBL1 Calculated 29469598
PSOLLLI Calculated 66409595
PSOLMAO Calculated 247627
PSOLMPO Calculated 1183408
PSOLMPO1 Calculated 1200387
PSOLMPO2 Calculated 590140
PSOLMRN Calculated 567748
PSOLMUTL Calculated 10572703
PSOMLLD2 Calculated 28319271
PSOMLLDT Calculated 86446402
PSON52 Calculated 62785056
PSONEW Calculated 28292272
PSONEW2 Calculated 32398190
PSONEWF Calculated 38013501
PSONEWG Calculated 25309370
PSONFI Calculated 9036524
PSOORFI1 Calculated 74027837
PSOORFI2 Calculated 90909677
PSOORFI3 Calculated 74814603
PSOORFI5 Calculated 18224487
PSOORFI6 Calculated 23497771
PSOORFIN Calculated 59563720
PSOORFL Calculated 917206
PSOORNE4 Calculated 68513696
PSOORNE5 Calculated 60780567
PSOORNEW Calculated 72157265
PSOORRL Calculated 64370128
PSOORRL3 Calculated 23985690
PSOORRLN Calculated 43625961
PSOORRLO Calculated 39129717
PSOORRNW Calculated 24091362
PSOORUT1 Calculated 67437810
PSOORUTL Calculated 42932698
PSOPFSU0 Calculated 16719729
PSOPFSU1 Calculated 33416502
PSOPTPST Calculated 27932490
PSORENW1 Calculated 60553620

PSORENW4 Calculated 56219403
PSORN52 Calculated 46207711
PSORN52A Calculated 18565756
PSORN52C Calculated 49927643
PSORN52D Calculated 41922848

  65 Routines checked, 0 failed.

PACKAGE: OR*3.0*243   Aug 06, 2008 12:43 pm   PAGE 1

  OCXOCMP Calculated 41613467
  OCXOCMP6 Calculated 40637033
  OCXOCMP8 Calculated 14209872
  OCXOCMPV Calculated 62658161
  OCXSEND Calculated 23135487
  OCXSEND3 Calculated 11211964
  OCXSEND4 Calculated 21759136
  OCXSEND5 Calculated 52984975
  OCXSEND6 Calculated 36540955
  OCXSEND7 Calculated 19892897
  OCXSEND8 Calculated 20772543
  OCXSENDA Calculated 19003008
  ORALWORD Calculated 47499175
  ORB3FUP1 Calculated 64991738
  ORB3FUP2 Calculated 68246237
  ORB3LAB Calculated 3813832
  ORBCMA1 Calculated 16067541
  ORBCMA32 Calculated 85583831
  ORBPRCHK Calculated 30311169
  ORCACT0 Calculated 52518165
  ORCACT01 Calculated 66127888
  ORCACT03 Calculated 8066015
  ORCACT2 Calculated 61910854
  ORCB   Calculated 51269339
  ORCD   Calculated 53571666
  ORCDFH1 Calculated 22101872
  ORCDLG1 Calculated 72953104
  ORCDLG2 Calculated 64872872
  ORCDLR   Calculated 57494194
  ORCDLR1 Calculated 81262557
  ORCDLR2 Calculated 13639155
  ORCDPS1 Calculated 74826833
  ORCDPS2 Calculated 67090529
  ORCDPS3 Calculated 43323695
  ORCDPSH Calculated 17713696
  ORCDPSIV Calculated 96443893

```
ORCFLAG   Calculated  21880963
ORCHANG2  Calculated  30221469
ORCHANGE  Calculated  41306460
ORCHECK   Calculated  47055177
ORCMED    Calculated  41444759
ORCMEDT0  Calculated  17512805
ORCMEDT1  Calculated  44493328
ORCMEDT8  Calculated  77783054
ORCSAVE   Calculated  70416179
ORCSAVE1  Calculated  30031657
ORCSAVE2  Calculated  68713994
ORCSEND   Calculated  63497942
ORCSEND1  Calculated  61198784
ORCSEND3  Calculated  25727603
ORCXPND1  Calculated  72217223
ORCXPND3  Calculated  44348323
ORDDPAPI  Calculated  1521511
ORDV02A   Calculated  11152192
ORDV03    Calculated  47046777
ORDV04    Calculated  57992153
ORDV04A   Calculated  41731567
ORDV06    Calculated  40307303
ORDV06A   Calculated  7403444
ORDV08    Calculated  20597537
ORDVX1    Calculated  5290851
OREVNTX   Calculated  73719059
OREVNTX1  Calculated  72373665
ORHLESC   Calculated  6778413
ORIMO     Calculated  2288142
ORKCHK    Calculated  41864853
ORKLR     Calculated  31162442
ORLP      Calculated  76319972
ORLPSR    Calculated  54297693
ORLPSRA   Calculated  62257534
ORLPSRB   Calculated  38794452
ORLSTVIZ  Calculated  5546292
ORMBLDP1  Calculated  3663295
ORMBLDPS  Calculated  74740266
ORMBLDRA  Calculated  9959617
ORMEVNT   Calculated  75252404
ORMFH     Calculated  63062271
ORMFN     Calculated  33381686
ORMGMRC   Calculated  44058430
ORMLR     Calculated  55346176
ORMPS     Calculated  79586894
ORMPS1    Calculated  68866316
```

```
ORMPS2    Calculated  46355925
ORMPS3    Calculated  25338633
ORMRA     Calculated  62066557
ORMTIM02 Calculated  17248840
ORMTIME   Calculated  9294457
OROVRRPT Calculated  40771295
ORPEAPI   Calculated  385487
ORPRF     Calculated  13135968
ORPRPM    Calculated  62635453
ORQ11     Calculated  63884857
ORQ12     Calculated  36656064
ORQ2      Calculated  39956511
ORQ20     Calculated  49432908
ORQ21     Calculated  35097340
ORQPT     Calculated  73861080
ORQPTQ1   Calculated  54791820
ORQQAL    Calculated  28169891
ORQQPL1   Calculated  62886431
ORQQPL3   Calculated  55317795
ORQQPXRM  Calculated  18382115
ORSRCHOR  Calculated  77451785
ORTSKLPS  Calculated  5805034
ORUDPA    Calculated  4870592
ORUTL1    Calculated  5293035
ORWCIRN   Calculated  9046507
ORWCV     Calculated  73405381
ORWD      Calculated  42948340
ORWDAL32 Calculated  40874191
ORWDBA1   Calculated  58828931
ORWDBA3   Calculated  40638555
ORWDBA4   Calculated  10113870
ORWDBA7   Calculated  17868873
ORWDFH    Calculated  51608431
ORWDGX    Calculated  5976236
ORWDLR    Calculated  25735868
ORWDLR32 Calculated  60083103
ORWDLR33 Calculated  20970855
ORWDOR    Calculated  8588372
ORWDPS1   Calculated  49131928
ORWDPS2   Calculated  57106070
ORWDPS32 Calculated  70700114
ORWDPS33 Calculated  31468284
ORWDPS4   Calculated  20050046
ORWDVAL   Calculated  2573377
ORWDX     Calculated  62342605
ORWDX1    Calculated  51089138
```

```
ORWDX2    Calculated  12248764
ORWDXA    Calculated  73502300
ORWDXC    Calculated  22991536
ORWDXM1   Calculated  76690189
ORWDXM2   Calculated  75208802
ORWDXM3   Calculated  65753115
ORWDXR    Calculated  48540055
ORWDXVB   Calculated  43771926
ORWDXVB1  Calculated  34643378
ORWDXVB2  Calculated  24066583
ORWGAPI   Calculated  23670784
ORWGAPI1  Calculated  30659117
ORWGAPI2  Calculated  18274252
ORWGAPI3  Calculated  30105389
ORWGAPI4  Calculated  60283342
ORWGAPI5  Calculated   9504422
ORWGAPI6  Calculated  16567335
ORWGAPI7  Calculated   6370115
ORWGAPI8  Calculated   7954497
ORWGAPIA  Calculated  34887063
ORWGAPIB  Calculated   3779452
ORWGAPIC  Calculated  34311571
ORWGAPID  Calculated  59091643
ORWGAPIE  Calculated  14227801
ORWGAPIF  Calculated   5028214
ORWGAPIP  Calculated  70762744
ORWGAPIR  Calculated  41364234
ORWGAPIT  Calculated  57224397
ORWGAPIU  Calculated  23844957
ORWGAPIW  Calculated  11947849
ORWGAPIX  Calculated  23118742
ORWGRPC   Calculated  13989770
ORWGTASK  Calculated  79728825
ORWGTEST  Calculated   8668416
ORWNSS    Calculated   4680257
ORWOD     Calculated  64537880
ORWOD1    Calculated  30304637
ORWOR     Calculated  35518390
ORWORB    Calculated  67054061
ORWORR    Calculated  66127235
ORWORR1   Calculated   7659282
ORWPCE    Calculated  56892321
ORWPCE1   Calculated  63376274
ORWPCE2   Calculated  49058348
ORWPS     Calculated  62358507
ORWPT     Calculated  59655732
```

```
ORWPT16   Calculated   11809182
ORWRP     Calculated   77665061
ORWRP3    Calculated   10390812
ORWRP4P   Calculated   6881393
ORWRP4V   Calculated   25785819
ORWTIU    Calculated   10078381
ORWTPD    Calculated   13966510
ORWTPL    Calculated   25081990
ORWTPP    Calculated   19368874
ORWTPR    Calculated   16242046
ORWTPT    Calculated   20925260
ORWTPUA   Calculated   2193311
ORWU      Calculated   60173136
ORWU2     Calculated   22524024
ORY243    Calculated   79494059
ORY2430   Calculated   15644892
ORY24301  Calculated   71550908
ORY24302  Calculated   79020665
ORY24303  Calculated   78469831
ORY24304  Calculated   86792017
ORY24305  Calculated   58679499
ORY24306  Calculated   66782929
ORY24307  Calculated   70006769
ORY24308  Calculated   66749787
ORY24309  Calculated   8754768
ORY2431   Calculated   40550963
ORY2432   Calculated   26766774
ORY2433   Calculated   12996416
ORY2434   Calculated   13526318
ORY243A   Calculated   4754803
ORY243ES  Calculated   12630447
ORY243R   Calculated   5847434
ORYDLG    Calculated   14515305

   207 Routines checked, 0 failed.
```

Transport Global Print

```
     1    Load a Distribution
     2    Verify Checksums in Transport Global
     3    Print Transport Global
     4    Compare Transport Global to Current System
     5    Backup a Transport Global
     6    Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution


Select Installation Option: 3  Print Transport Global
Select INSTALL NAME: OR PSJ PSO 27 1.0      Loaded from Distribution  8/6/08@12
:42:05
     => CPRS27 AND REQUIRED PHARMACY PATCHES - RELEASED  ;Created on Jun
18, 2


This Distribution was loaded on Aug 06, 2008@12:42:05 with header of
   CPRS27 AND REQUIRED PHARMACY PATCHES - RELEASED  ;Created on Jun 18,
2008@09:54:06
   It consisted of the following Install(s):
OR PSJ PSO 27 1.0   PSJ*5.0*134   PSO*7.0*225    OR*3.0*243
DEVICE: HOME// ;;9999  TELNET TERMINAL




PACKAGE: OR PSJ PSO 27 1.0    Aug 06, 2008 12:43 pm                 PAGE 1
-------------------------------------------------------------------------------
TYPE: MULTI-PACKAGE                         TRACK NATIONALLY: YES
NATIONAL PACKAGE:                           ALPHA/BETA TESTING: NO


DESCRIPTION:
BUNDLE BUILD OF OR*3.0*243 AND PSJ*5.0*134


SEQUENCE OF BUILDS:
  1   PSJ*5.0*134                        Required to Continue
  2   PSO*7.0*225                         Required to Continue
  3   OR*3.0*243                         Required to Continue
TYPE: SINGLE PACKAGE                       TRACK NATIONALLY: YES
NATIONAL PACKAGE: INPATIENT MEDICATIONS        ALPHA/BETA TESTING:
NO


DESCRIPTION:
This patch contains changes in support of Computerized Patient
Record System (CPRS) V. 1.0 GUI v27 release.


1. MEDICATION ROUTE CHANGES
   ----------------------------
```

- Inpatient Medications V. 5.0 will use the medication route received from
  CPRS V. 1.0 as the default when finishing an IV order entered via CPRS
  V. 1.0. For new orders entered via Inpatient Medications V. 5.0, if all
  of the orderable items associated with an order contain the same default
  medication route, that route will be used as the default. If there are
  any differences, there will be no default medication route.

- Inpatient Medications V. 5.0 will send to BCMA V. 3.0 the full
  medication route name for display on the Virtual Due List (VDL).

2. INFUSION RATE CHANGES

- Inpatient Medications V. 5.0 now accepts infusion rate from CPRS in both
  ml/hour and as 'infuse over time'.

- In the order view screen for an order with an intermittent IV type, the
  infusion rate now displays as "Infuse Over" followed by the time. For
  example, "Infuse Over 30 minutes".

  The infusion rate for an intermittent IV order can be null.

3. IV TYPE CHANGES

- Inpatient Medications V. 5.0 shall accept an IV type of "I"
  (Intermittent) or "C" (Continuous) from CPRS V. 1.0. When an IV type of
  CONTINUOUS is received, Inpatient Medications V. 5.0 defaults to an IV
  type of Admixture. When IV type of INTERMITTENT is received,
  Inpatient Medications V. 5.0 defaults to an IV type of Piggyback.
  Inpatient Medications V. 5.0 sends to CPRS V. 1.0 updates to an order's
  IV type.

- Inpatient Medications V. 5.0 now accepts schedule information from
  CPRS V. 1.0 for intermittent IV orders entered via the IV Fluid
  Ordering Dialog. Inpatient Medications V. 5.0 also sends to
  CPRS V. 1.0 any schedule changes for intermittent IV orders.

- A new field, IV TYPE CATEGORY (#128) is being added to the NON-
  VERIFIED ORDERS file (#53.1). The IV TYPE CATEGORY will be "C"
  (Continuous) for orders with an IV TYPE of Admixture, Hyperal,
  Non-Intermittent Syringe, or Chemotherapy with a CHEMOTHERAPY TYPE
  of Admixture, Hyperal, or Non-Intermittent Syringe. The IV TYPE
  CATEGORY will be "I" (Intermittent) for orders with an IV TYPE of
  Piggyback, Intermittent Syringe, or Chemotherapy with a CHEMOTHERAPY
  TYPE of Piggyback or Intermittent Syringe.

4. RENEWED ORDER CHANGES

- When discontinuing pending renewal orders, Inpatient Medications V. 5.0
  will provide the user an option to discontinue the pending renewal
  order and/or the original orders. The pharmacist shall be given the
  option to discontinue the pending order, both orders, or exit the
  discontinue function.

5. REMOVE CALLS TO OBSOLETE ROUTINE

- At the request of CPRS V. 1.0, active calls to obsolete routine OR3CONV
  have been removed from Inpatient Medications V. 5.0.

6. EXPECTED FIRST DOSE FOR ONE-TIME ORDERS (HD 98365)

Problem:
   During testing of the CPRS V. 1.0 GUI v26 release, sites reported a
   problem with an incorrect display of expected first dose for orders
   with a schedule type of "ONE TIME".
Resolution:
   If the schedule type is "ONE TIME", do not display an Expected
   First Dose for the order.

7. CORRECT ABBREVIATION OF MILLIMOLE (HD 145562)

Problem:
   The correct abbreviation for the word MILLIMOLE, which is MMOL
   is not available in the system.
Resolution:
   The abbreviation for Millimole, "MMOL", will be included in
   this patch.

ENVIRONMENT CHECK: DELETE ENV ROUTINE:
 PRE-INIT ROUTINE: DELETE PRE-INIT ROUTINE:
POST-INIT ROUTINE: DELETE POST-INIT ROUTINE:
PRE-TRANSPORT RTN:

| | | UP | SEND | DATA | | USER | |
| | | DATE | SEC. | COMES | SITE | RSLV | OVER |
FILE #	FILE NAME	DD	CODE	W/FILE	DATA	PTRS	RIDE
53.1	NON-VERIFIED ORDERS	YES	YES	NO			NO

Partial DD: subDD: 53.1   fld: 128

ROUTINE: ACTION:
  PSGOE1   SEND TO SITE

PSGOE6	SEND TO SITE
PSGOEC	SEND TO SITE
PSGOECS	SEND TO SITE
PSGOEF	SEND TO SITE
PSGOT	SEND TO SITE
PSGS0	SEND TO SITE
PSIVCAL	SEND TO SITE
PSIVEDT	SEND TO SITE
PSIVORA	SEND TO SITE
PSIVORC	SEND TO SITE
PSIVORC1	SEND TO SITE
PSIVOREN	SEND TO SITE
PSIVORFA	SEND TO SITE
PSIVORFB	SEND TO SITE
PSIVSP	SEND TO SITE
PSIVUTL1	SEND TO SITE
PSJHL2	SEND TO SITE
PSJHL3	SEND TO SITE
PSJHL4	SEND TO SITE
PSJHL4A	SEND TO SITE
PSJHL5	SEND TO SITE
PSJHL9	SEND TO SITE
PSJHLU	SEND TO SITE
PSJLIACT	SEND TO SITE
PSJLIVFD	SEND TO SITE
PSJLIVMD	SEND TO SITE
PSJOREN	SEND TO SITE
PSJORPOE	SEND TO SITE
PSJORRE	SEND TO SITE
PSJORRE1	SEND TO SITE
PSJORREN	SEND TO SITE
PSJORRN	SEND TO SITE
PSJORRN1	SEND TO SITE
PSJORRO	SEND TO SITE
PSJORUT2	SEND TO SITE
PSJUTL	SEND TO SITE

REQUIRED BUILDS:	ACTION:
PSJ*5.0*152	Don't install, leave global
PSJ*5.0*153	Don't install, leave global
PSJ*5.0*180	Don't install, leave global
PSJ*5.0*120	Don't install, leave global
PSJ*5.0*174	Don't install, leave global
PSJ*5.0*140	Don't install, leave global
PSJ*5.0*141	Don't install, leave global
PSJ*5.0*156	Don't install, leave global

PSJ*5.0*157	Don't install, leave global
PSJ*5.0*173	Don't install, leave global
PSJ*5.0*201	Don't install, leave global

PSO*7.0*225   Aug 06, 2008 12:43 pm   PAGE 1

TYPE: SINGLE PACKAGE   TRACK NATIONALLY: YES
NATIONAL PACKAGE: OUTPATIENT PHARMACY   ALPHA/BETA TESTING:
NO

DESCRIPTION:
The Enrollment VistA Changes (EVC) project is being undertaken to support
technology and business changes that are occurring with the implementation
of the Health Eligibility Center (HEC) Enrollment System Redesign (ESR)
project. Some modified and new business functionality is being included in
the new system and corresponding changes are necessary in VistA for
preliminary determination of veterans Enrollment and Eligibility status.
The EVC project has been rolled out in three phases. This release
represents the third and last phase called EVC Release 2.

This patch provides the functionality changes to determine, process and
disseminate the newly added Environmental Indicator (EI) called Project
112/SHAD Exposure (a.k.a SHAD), where applicable.

This patch also changed the EI, "Environmental Contaminant" to read
as "Southwest Asia Conditions".

 1. For the following options, when creating a new order, renewing an
    existing order, copying an existing order to a new order, or editing
    an existing order that results in a new order, the copay status of the
    prescription needs to be determined for billing purposes.

    a. Patient Prescription Processing [PSO LM BACKDOOR ORDERS]
    b. Barcode Batch Prescription Entry [PSO BATCH BARCODE]
    c. Complete Orders from OERR [PSO LMOE FINISH]

   If a patient is found eligible for SHAD then the prompt
   "Was treatment related to PROJ 112/SHAD?" will be presented to the
   pharmacist.

   A "YES" or "NO" response will be stored in the new fields, PROJ
   112/SHAD field (#122.01) of the PRESCRIPTION file (#52) and in the PROJ
   112/SHAD field (#8) of the ICD DIAGNOSIS sub-file (#52.052311) of the
   PRESCRIPTION file (#52).

2. The Integration Control Registration (ICR) #2534, provides
   Computerized Patient Record System V. 3.0 (CPRS) with all the eligible
   EI questions that will be prompted during the pharmacy order entry
   process. This ICR is modified to include the SHAD prompt.

3. When a verbal or telephone order is placed in backdoor pharmacy, it
   requires an electronic signature from the provider. During the
   signature entry process in CPRS, the provider may update the SC, EI,
   or the ICD diagnosis information. This updated information is passed
   back to pharmacy via the ICR #4666, which is modified to include the
   SHAD changes.

4. The PENDING OUTPATIENT ORDERS file (#52.41) that stores the pharmacy
   orders entered via CPRS is modified to include the provider's response
   to the SHAD question. The provider's response will be stored in the
   new fields, PROJ 112/SHAD field (#110.2) of the PENDING OUTPATIENT
   ORDERS file (#52.41) and the PROJ 112/SHAD field (#8) of the DIAGNOSIS
   sub-file (#52.41311) of the PENDING OUTPATIENT ORDERS file (#52.41).

5. During the release of a prescription, if the SHAD question applies and
   is unanswered, the MailMan message that is sent to the finishing
   pharmacist, ordering provider, and holders of the PSO COPAY key, to
   get answers to the EI questions will have the SHAD question if
   applicable.

6. The Reset Copay Status/Cancel Charges [PSOCP RESET COPAY STATUS]
   option is modified to include the SHAD question wherever applicable.

7. During label printing, if the prescription is flagged as SHAD then the
   text "NO COPAY" will be printed in the label.

Unrelated to the Enrollment VistA Changes (EVC) features, this patch also
provides the following changes to support CPRS v27.

a. To add the proper escape sequences to the standard HEALTH LEVEL
   SEVEN (HL7) encoding characters to messages sent to CPRS / remove
   escape sequences received from CPRS and replace them with standard HL7
   encoding characters. This will help avoid errors that can occur if
   special delimiting characters are encountered during parsing of the
   HL7 messages.

b. Integration Control Registration (ICR) #2400, will be modified to
   provide new sorting sequences of the patient medication profile that
   is viewed under the CPRS-Meds Tab including the Non-VA medications.

   VIEW 0 or null - This provides the medication list as it was prior to

GUI 27 so that other applications calling this API will not
see any changes.
VIEW 1 - This provides the medication list sorted by prescription
Status Group and Stop Date/Expiration Date. Following is the
order:
Pending group
Non-Verified
Pending
Active group:
Active
Hold
Suspended (Active/Susp)
Provider Hold
Expired group
Expired
Discontinued/Deleted group
Discontinued by Provider
Discontinued (Edit)

VIEW 2 - This provides the medication list sorted by prescription
Status Group, Status, and Drug Name.
Active group:
Active
Hold
Pending group
Non-Verified
Pending
Discontinued
Discontinued by Provider
Discontinued (Edit)

VIEW 3 - This provides the medication list sorted by Drug Name,
active/suspended and Stop Date/Expiration Date.

c. Flag/Un-Flag functionality (PSI-06-041)
It was requested in the Remedy ticket #133716 that the flagging
capability that is available in CPRS be made available for
Outpatient Pharmacy use. This patch provides the flagging
functionality for Pending orders only.

d. As per the E3R numbers 19973 and 19876, to improve communication
between the provider and the pharmacist, Outpatient Pharmacy will now
send the actual comments made by the pharmacist to CPRS when a
prescription is put on Hold, Discontinued, and Returned to Stock
replacing the generic "per pharmacy request" text.

e. When the DC-Discontinue ListMan option is used to discontinue a pending "renewal" order, the software will now check for an active prescription for the same drug. If found it will prompt the following: "There is an active Rx for this pending order, Discontinue both (Y/N)". This will provide the user with the option to discontinue both pending and the active order.

f. A problem was reported in one of the error messages displayed on CPRS side when a provider tries to discontinue an Outpatient Pharmacy order from the Orders Tab and that order for some reason is not found in the PRESCRIPTION file (#52). The solution provided is to replace the error message "Unable to locate order" with "Invalid Pharmacy order number" to be in consistent with the Inpatient Medications V. 5.0 error messages.

g. At the request of CPRS active calls to obsolete routine OR3CONV have been removed from Outpatient Pharmacy V. 7.0.

h. When finishing a pending order placed in CPRS, it was reported that the patient instructions sent across to CPRS was getting truncated. This patch fixes the problem.

i. PSI-07-057 - Potential of inappropriate or misleading provider comments to be automatically included on new medication orders. To fix this problem CPRS is dropping (will not carry over) the original provider comments during renewals of Outpatient Pharmacy medications. To follow suit with CPRS, Outpatient Pharmacy is also dropping the original provider comments from all backdoor renewals.

```
ENVIRONMENT CHECK:                      DELETE ENV ROUTINE:
 PRE-INIT ROUTINE:                      DELETE PRE-INIT ROUTINE:
POST-INIT ROUTINE:                      DELETE POST-INIT ROUTINE:
PRE-TRANSPORT RTN:
```

		UP	SEND	DATA		USER	
		DATE	SEC.	COMES	SITE	RSLV	OVER
FILE #	FILE NAME	DD	CODE	W/FILE	DATA	PTRS	RIDE

```
52      PRESCRIPTION            YES  YES  NO            NO
Partial DD: subDD: 52      fld: 120
               fld: 122.01
          subDD: 52.052311  fld: 4
               fld: 8
```

52.41   PENDING OUTPATIENT ORDERS   YES   YES   NO   NO
Partial DD: subDD: 52.41   fld: 33
                        fld: 34
                        fld: 35
                        fld: 36
                        fld: 37
                        fld: 38
                        fld: 109
                        fld: 110.2
          subDD: 52.41311   fld: 4
                        fld: 8

ROUTINE: ACTION:
  PSOCAN3   SEND TO SITE
  PSOCAN3N   SEND TO SITE
  PSOCAN4   SEND TO SITE
  PSOCIDC2   SEND TO SITE
  PSOCP   SEND TO SITE
  PSOCP1   SEND TO SITE
  PSOCPC   SEND TO SITE
  PSOCPE   SEND TO SITE
  PSODIAG   SEND TO SITE
  PSOHLDA   SEND TO SITE
  PSOHLNE1   SEND TO SITE
  PSOHLNE2   SEND TO SITE
  PSOHLNE3   SEND TO SITE
  PSOHLNE4   SEND TO SITE
  PSOHLNEW   SEND TO SITE
  PSOHLPII   SEND TO SITE
  PSOHLPIS   SEND TO SITE
  PSOHLSN1   SEND TO SITE
  PSOHLSN2   SEND TO SITE
  PSOHLSN3   SEND TO SITE
  PSOHLSNC   SEND TO SITE
  PSOHLUP   SEND TO SITE
  PSOLBL   SEND TO SITE
  PSOLBL1   SEND TO SITE
  PSOLLLI   SEND TO SITE
  PSOLMAO   SEND TO SITE
  PSOLMPO   SEND TO SITE
  PSOLMPO1   SEND TO SITE
  PSOLMPO2   SEND TO SITE
  PSOLMRN   SEND TO SITE
  PSOLMUTL   SEND TO SITE
  PSOMLLD2   SEND TO SITE

```
PSOMLLDT                              SEND TO SITE
PSON52                                SEND TO SITE
PSONEW                                SEND TO SITE
PSONEW2                               SEND TO SITE
PSONEWF                               SEND TO SITE
PSONEWG                               SEND TO SITE
PSONFI                                SEND TO SITE
PSOORFI1                              SEND TO SITE
PSOORFI2                              SEND TO SITE
PSOORFI3                              SEND TO SITE
PSOORFI5                              SEND TO SITE
PSOORFI6                              SEND TO SITE
PSOORFIN                              SEND TO SITE
PSOORFL                               SEND TO SITE
PSOORNE4                              SEND TO SITE
PSOORNE5                              SEND TO SITE
PSOORNEW                              SEND TO SITE
PSOORRL                               SEND TO SITE
PSOORRL3                              SEND TO SITE
PSOORRLN                              SEND TO SITE
PSOORRLO                              SEND TO SITE
PSOORRNW                              SEND TO SITE
PSOORUT1                              SEND TO SITE
PSOORUTL                              SEND TO SITE
PSOPFSU0                              SEND TO SITE
PSOPFSU1                              SEND TO SITE
PSOPTPST                              SEND TO SITE
PSORENW1                              SEND TO SITE
PSORENW4                              SEND TO SITE
PSORN52                               SEND TO SITE
PSORN52A                              SEND TO SITE
PSORN52C                              SEND TO SITE
PSORN52D                              SEND TO SITE
```

```
PROTOCOL:                       ACTION:
  PSO LM BACKDOOR SELECT ORDER          SEND TO SITE
  PSO LM FLAG                     SEND TO SITE
  PSO LM NEW SELECT ORDER              SEND TO SITE
  PSO PENDING ORDER MENU              MERGE MENU ITEMS


LIST TEMPLATE:                  ACTION:
  PSO LM PENDING ORDER              SEND TO SITE


REQUIRED BUILDS:                   ACTION:
  PSO*7.0*278                    Don't install, leave global
  PSO*7.0*292                    Don't install, leave global
```

```
PSO*7.0*264                    Don't install, leave global
PSO*7.0*206                    Don't install, leave global
PSO*7.0*274                    Don't install, leave global
PSO*7.0*275                    Don't install, leave global
```

PACKAGE: OR*3.0*243   Aug 06, 2008 12:43 pm   PAGE 1

TYPE: SINGLE PACKAGE   TRACK NATIONALLY: YES
NATIONAL PACKAGE: ORDER ENTRY/RESULTS REPORTING ALPHA/BETA
TESTING: NO

DESCRIPTION:

ENVIRONMENT CHECK: DELETE ENV ROUTINE:
 PRE-INIT ROUTINE: PRE^ORY243   DELETE PRE-INIT ROUTINE: No
POST-INIT ROUTINE: POST^ORY243   DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:

                            UP   SEND DATA   USER
                          DATE SEC. COMES SITE RSLV OVER
FILE #   FILE NAME   DD   CODE W/FILE DATA PTRS RIDE
----

100   ORDER   YES YES NO   NO
Partial DD: subDD: 100   fld: 39
                 fld: 55
                 fld: 58
                 fld: 94
                 fld: 97
                 fld: 98
       subDD: 100.008   fld: 4
                 fld: 15

100.2   OE/RR PATIENT EVENT   YES YES NO   NO
Partial DD: subDD: 100.2   fld: 14
       subDD: 100.25   fld: 4

100.21   OE/RR LIST   YES YES NO   NO

101.24   OE/RR REPORT   YES NO YES   REPL YES NO
 DATA SCREEN: I (Y=3)!((Y>17)&(Y<28))!(Y>999)!(Y=48)

101.41   ORDER DIALOG   NO NO YES   REPL YES NO
 DATA SCREEN: I $$SENDDLG^ORY243($P(^(0),U))

101.43   ORDERABLE ITEMS   YES YES NO

HELP FRAME: ACTION:
  ORBA-AO   SEND TO SITE
  ORBA-CV   SEND TO SITE
  ORBA-EC   SEND TO SITE
  ORBA-HNC   SEND TO SITE
  ORBA-IR   SEND TO SITE
  ORBA-MST   SEND TO SITE
  ORBA-SC   SEND TO SITE
  ORBA-SHD   SEND TO SITE

ROUTINE: ACTION:
  OCXOCMP   SEND TO SITE
  OCXOCMP6   SEND TO SITE
  OCXOCMP8   SEND TO SITE
  OCXOCMPV   SEND TO SITE
  OCXSEND   SEND TO SITE
  OCXSEND3   SEND TO SITE
  OCXSEND4   SEND TO SITE
  OCXSEND5   SEND TO SITE
  OCXSEND6   SEND TO SITE
  OCXSEND7   SEND TO SITE
  OCXSEND8   SEND TO SITE
  OCXSENDA   SEND TO SITE
  OR3CONV   DELETE AT SITE
  OR3CONV1   DELETE AT SITE
  OR3POST   DELETE AT SITE
  ORALWORD   SEND TO SITE
  ORB3FUP1   SEND TO SITE
  ORB3FUP2   SEND TO SITE
  ORB3LAB   SEND TO SITE
  ORBCMA1   SEND TO SITE
  ORBCMA32   SEND TO SITE
  ORBPRCHK   SEND TO SITE
  ORCACT0   SEND TO SITE
  ORCACT01   SEND TO SITE
  ORCACT03   SEND TO SITE
  ORCACT2   SEND TO SITE
  ORCB   SEND TO SITE
  ORCD   SEND TO SITE
  ORCDFH1   SEND TO SITE
  ORCDLG1   SEND TO SITE
  ORCDLG2   SEND TO SITE
  ORCDLR   SEND TO SITE
  ORCDLR1   SEND TO SITE

ORCDLR2	SEND TO SITE
ORCDPS1	SEND TO SITE
ORCDPS2	SEND TO SITE
ORCDPS3	SEND TO SITE
ORCDPSH	SEND TO SITE
ORCDPSIV	SEND TO SITE
ORCFLAG	SEND TO SITE
ORCHANG2	SEND TO SITE
ORCHANGE	SEND TO SITE
ORCHECK	SEND TO SITE
ORCMED	SEND TO SITE
ORCMEDT0	SEND TO SITE
ORCMEDT1	SEND TO SITE
ORCMEDT8	SEND TO SITE
ORCSAVE	SEND TO SITE
ORCSAVE1	SEND TO SITE
ORCSAVE2	SEND TO SITE
ORCSEND	SEND TO SITE
ORCSEND1	SEND TO SITE
ORCSEND3	SEND TO SITE
ORCXPND1	SEND TO SITE
ORCXPND3	SEND TO SITE
ORDDPAPI	SEND TO SITE
ORDV02A	SEND TO SITE
ORDV03	SEND TO SITE
ORDV04	SEND TO SITE
ORDV04A	SEND TO SITE
ORDV06	SEND TO SITE
ORDV06A	SEND TO SITE
ORDV08	SEND TO SITE
ORDVX1	SEND TO SITE
OREVNTX	SEND TO SITE
OREVNTX1	SEND TO SITE
ORHLESC	SEND TO SITE
ORIMO	SEND TO SITE
ORKCHK	SEND TO SITE
ORKLR	SEND TO SITE
ORLP	SEND TO SITE
ORLPSR	SEND TO SITE
ORLPSRA	SEND TO SITE
ORLPSRB	SEND TO SITE
ORLSTVIZ	SEND TO SITE
ORMBLDP1	SEND TO SITE
ORMBLDPS	SEND TO SITE
ORMBLDRA	SEND TO SITE
ORMEVNT	SEND TO SITE

ORMFH	SEND TO SITE
ORMFN	SEND TO SITE
ORMGMRC	SEND TO SITE
ORMLR	SEND TO SITE
ORMPS	SEND TO SITE
ORMPS1	SEND TO SITE
ORMPS2	SEND TO SITE
ORMPS3	SEND TO SITE
ORMRA	SEND TO SITE
ORMTIM02	SEND TO SITE
ORMTIME	SEND TO SITE
OROVRRPT	SEND TO SITE
ORPEAPI	SEND TO SITE
ORPRF	SEND TO SITE
ORPRPM	SEND TO SITE
ORQ11	SEND TO SITE
ORQ12	SEND TO SITE
ORQ2	SEND TO SITE
ORQ20	SEND TO SITE
ORQ21	SEND TO SITE
ORQPT	SEND TO SITE
ORQPTQ1	SEND TO SITE
ORQQAL	SEND TO SITE
ORQQPL1	SEND TO SITE
ORQQPL3	SEND TO SITE
ORQQPXRM	SEND TO SITE
ORSRCHOR	SEND TO SITE
ORTSKLPS	SEND TO SITE
ORUDPA	SEND TO SITE
ORUTL1	SEND TO SITE
ORWCIRN	SEND TO SITE
ORWCV	SEND TO SITE
ORWD	SEND TO SITE
ORWDAL32	SEND TO SITE
ORWDBA1	SEND TO SITE
ORWDBA3	SEND TO SITE
ORWDBA4	SEND TO SITE
ORWDBA7	SEND TO SITE
ORWDFH	SEND TO SITE
ORWDGX	SEND TO SITE
ORWDLR	SEND TO SITE
ORWDLR32	SEND TO SITE
ORWDLR33	SEND TO SITE
ORWDOR	SEND TO SITE
ORWDPS1	SEND TO SITE
ORWDPS2	SEND TO SITE

ORWDPS32	SEND TO SITE
ORWDPS33	SEND TO SITE
ORWDPS4	SEND TO SITE
ORWDVAL	SEND TO SITE
ORWDX	SEND TO SITE
ORWDX1	SEND TO SITE
ORWDX2	SEND TO SITE
ORWDXA	SEND TO SITE
ORWDXC	SEND TO SITE
ORWDXM1	SEND TO SITE
ORWDXM2	SEND TO SITE
ORWDXM3	SEND TO SITE
ORWDXR	SEND TO SITE
ORWDXVB	SEND TO SITE
ORWDXVB1	SEND TO SITE
ORWDXVB2	SEND TO SITE
ORWGAPI	SEND TO SITE
ORWGAPI1	SEND TO SITE
ORWGAPI2	SEND TO SITE
ORWGAPI3	SEND TO SITE
ORWGAPI4	SEND TO SITE
ORWGAPI5	SEND TO SITE
ORWGAPI6	SEND TO SITE
ORWGAPI7	SEND TO SITE
ORWGAPI8	SEND TO SITE
ORWGAPIA	SEND TO SITE
ORWGAPIB	SEND TO SITE
ORWGAPIC	SEND TO SITE
ORWGAPID	SEND TO SITE
ORWGAPIE	SEND TO SITE
ORWGAPIF	SEND TO SITE
ORWGAPIP	SEND TO SITE
ORWGAPIR	SEND TO SITE
ORWGAPIT	SEND TO SITE
ORWGAPIU	SEND TO SITE
ORWGAPIW	SEND TO SITE
ORWGAPIX	SEND TO SITE
ORWGRPC	SEND TO SITE
ORWGTASK	SEND TO SITE
ORWGTEST	SEND TO SITE
ORWNSS	SEND TO SITE
ORWOD	SEND TO SITE
ORWOD1	SEND TO SITE
ORWOR	SEND TO SITE
ORWORB	SEND TO SITE
ORWORR	SEND TO SITE

ORWORR1	SEND TO SITE
ORWPCE	SEND TO SITE
ORWPCE1	SEND TO SITE
ORWPCE2	SEND TO SITE
ORWPS	SEND TO SITE
ORWPT	SEND TO SITE
ORWPT16	SEND TO SITE
ORWRP	SEND TO SITE
ORWRP3	SEND TO SITE
ORWRP4P	SEND TO SITE
ORWRP4V	SEND TO SITE
ORWTIU	SEND TO SITE
ORWTPD	SEND TO SITE
ORWTPL	SEND TO SITE
ORWTPP	SEND TO SITE
ORWTPR	SEND TO SITE
ORWTPT	SEND TO SITE
ORWTPUA	SEND TO SITE
ORWU	SEND TO SITE
ORWU2	SEND TO SITE
ORY243	SEND TO SITE
ORY2430	SEND TO SITE
ORY24301	SEND TO SITE
ORY24302	SEND TO SITE
ORY24303	SEND TO SITE
ORY24304	SEND TO SITE
ORY24305	SEND TO SITE
ORY24306	SEND TO SITE
ORY24307	SEND TO SITE
ORY24308	SEND TO SITE
ORY24309	SEND TO SITE
ORY2431	SEND TO SITE
ORY2432	SEND TO SITE
ORY2433	SEND TO SITE
ORY2434	SEND TO SITE
ORY243A	SEND TO SITE
ORY243ES	SEND TO SITE
ORY243R	SEND TO SITE
ORYDLG	SEND TO SITE

OPTION:	ACTION:
OR CPRS GUI CHART	SEND TO SITE
OR INPT CLOZAPINE MESSAGE	SEND TO SITE
OR LAPSED ORDERS	SEND TO SITE
OR MEDICATION QO CHECKER	SEND TO SITE
OR PARAM COORDINATOR MENU	USE AS LINK FOR MENU ITEMS

```
ORB3 ARCHIVE PERIOD              SEND TO SITE
ORCM MGMT                        USE AS LINK FOR MENU ITEMS
ORK ORD CHK OVERRIDE REPORT         SEND TO SITE
ORK ORDER CHK MGMT MENU             USE AS LINK FOR MENU ITEMS
ORLP TEAM LIST VISIBILITY        SEND TO SITE
ORLP TEAM MENU                   USE AS LINK FOR MENU ITEMS
ORW PARAM GUI                    USE AS LINK FOR MENU ITEMS


 PARAMETER DEFINITION:               ACTION:
   OR ADMIN TIME HELP TEXT           SEND TO SITE
   OR CLOZ INPT MSG              SEND TO SITE
   OR DC REASON LIST             SEND TO SITE
   OR FLAGGED ORD REASONS           SEND TO SITE
   OR LAPSE ORDERS              SEND TO SITE
   OR LAPSE ORDERS DFLT            SEND TO SITE
   OR MEDS TAB SORT             SEND TO SITE
   OR RA RFS CARRY ON            SEND TO SITE
   OR USE MH DLL              SEND TO SITE
   OR VBECS ON               SEND TO SITE
   OR VBECS SUPPRESS NURS ADMIN         SEND TO SITE
   ORCH CONTEXT MEDS            SEND TO SITE
   ORWDXVB VBECS TNS CHECK           SEND TO SITE
   ORWLR LC CHANGED TO WC           SEND TO SITE
   ORWOR EXPIRED ORDERS            SEND TO SITE
   ORWOR WRITE ORDERS LIST           SEND TO SITE
   ORWRP VISTAWEB              DELETE AT SITE


 REMOTE PROCEDURE:                   ACTION:
   ORALWORD ALLWORD               SEND TO SITE
   ORCDLR2 CHECK ALL LC TO WC          SEND TO SITE
   ORCDLR2 CHECK ONE LC TO WC          SEND TO SITE
   ORDDPAPI ADMTIME             SEND TO SITE
   ORDDPAPI CLOZMSG             SEND TO SITE
   ORQQPXRM MHDLL              SEND TO SITE
   ORQQPXRM MHDLLDMS              SEND TO SITE
   ORWCIRN VISTAWEB             DELETE AT SITE
   ORWCIRN WEBCH              DELETE AT SITE
   ORWDLR33 LC TO WC            SEND TO SITE
   ORWDPS1 DOWSCH             SEND TO SITE
   ORWDPS1 QOMEDALT             SEND TO SITE
   ORWDPS1 SCHALL             SEND TO SITE
   ORWDPS32 ALLIVRTE            SEND TO SITE
   ORWDPS32 DLGSLCT            SEND TO SITE
   ORWDPS32 DOSES             SEND TO SITE
   ORWDPS32 DRUGMSG             SEND TO SITE
   ORWDPS32 FORMALT            SEND TO SITE
```

ORWDPS32 ISSPLY	SEND TO SITE
ORWDPS32 IVAMT	SEND TO SITE
ORWDPS32 MEDISIV	SEND TO SITE
ORWDPS32 SCSTS	SEND TO SITE
ORWDPS32 VALQTY	SEND TO SITE
ORWDPS32 VALRATE	SEND TO SITE
ORWDPS32 VALSCH	SEND TO SITE
ORWDPS33 COMPLOC	SEND TO SITE
ORWDPS33 IVDOSFRM	SEND TO SITE
ORWDX LOADRSP	SEND TO SITE
ORWDX1 DCORIG	SEND TO SITE
ORWDX1 ORDMATCH	SEND TO SITE
ORWDX1 UNDCORIG	SEND TO SITE
ORWDX2 DCREASON	SEND TO SITE
ORWDXM1 BLDQRSP	SEND TO SITE
ORWDXM1 SVRPC	SEND TO SITE
ORWDXVB NURSADMN	SEND TO SITE
ORWDXVB SUBCHK	SEND TO SITE
ORWDXVB VBTNS	SEND TO SITE
ORWGRPC ALLITEMS	SEND TO SITE
ORWGRPC ALLVIEWS	SEND TO SITE
ORWGRPC CLASS	SEND TO SITE
ORWGRPC DATEITEM	SEND TO SITE
ORWGRPC DELVIEWS	SEND TO SITE
ORWGRPC DETAIL	SEND TO SITE
ORWGRPC DETAILS	SEND TO SITE
ORWGRPC FASTDATA	SEND TO SITE
ORWGRPC FASTITEM	SEND TO SITE
ORWGRPC FASTLABS	SEND TO SITE
ORWGRPC FASTTASK	SEND TO SITE
ORWGRPC GETDATES	SEND TO SITE
ORWGRPC GETPREF	SEND TO SITE
ORWGRPC GETSIZE	SEND TO SITE
ORWGRPC GETVIEWS	SEND TO SITE
ORWGRPC ITEMDATA	SEND TO SITE
ORWGRPC ITEMS	SEND TO SITE
ORWGRPC LOOKUP	SEND TO SITE
ORWGRPC PUBLIC	SEND TO SITE
ORWGRPC RPTPARAM	SEND TO SITE
ORWGRPC SETPREF	SEND TO SITE
ORWGRPC SETSIZE	SEND TO SITE
ORWGRPC SETVIEWS	SEND TO SITE
ORWGRPC TAX	SEND TO SITE
ORWGRPC TESTING	SEND TO SITE
ORWGRPC TESTSPEC	SEND TO SITE
ORWGRPC TYPES	SEND TO SITE

```
ORWORB AUTOUNFLAG ORDERS             SEND TO SITE
ORWPS ACTIVE                    SEND TO SITE
ORWTIU GET SAVED CP FIELDS          SEND TO SITE
ORWTPP SAVESURR                 SEND TO SITE
ORWU PARAMS                     SEND TO SITE
ORWU2 COSIGNER                   SEND TO SITE
```

INSTALL QUESTIONS:

```
 Default Rebuild Menu Trees Upon Completion of Install: NO
 Default INHIBIT LOGONs during the install: NO
 Default DISABLE Scheduled Options, Menu Options, and Protocols: NO
```

REQUIRED BUILDS:	ACTION:
TIU*1.0*219	Don't install, leave global
GMPL*2.0*35	Don't install, leave global
PSS*1.0*112	Don't install, leave global
OR*3.0*246	Don't install, leave global
PSS*1.0*118	Don't install, leave global
OR*3.0*255	Don't install, leave global
OR*3.0*265	Don't install, leave global
OR*3.0*254	Don't install, leave global
OR*3.0*258	Don't install, leave global
PSO*7.0*225	Don't install, leave global
PSJ*5.0*134	Don't install, leave global
PSS*1.0*94	Don't install, leave global
YS*5.01*92	Don't install, leave global
OR*3.0*232	Don't install, leave global
LR*5.2*365	Don't install, leave global
OR*3.0*275	Don't install, leave global
WV*1.0*23	Don't install, leave global
OR*3.0*256	Don't install, leave global
OR*3.0*277	Don't install, leave global
OR*3.0*245	Don't install, leave global
XU*8.0*498	Don't install, leave global

OR_PSJ_PSO_27.KID Installation Capture

```
1    Load a Distribution
2    Verify Checksums in Transport Global
3    Print Transport Global
4    Compare Transport Global to Current System
5    Backup a Transport Global
6    Install Package(s)
     Restart Install of Package(s)
     Unload a Distribution
```

Select Installation Option: 6 Install Package(s)
Select INSTALL NAME: OR PSJ PSO 27 1.0   Loaded from Distribution 8/6/08@12
:42:05
    => CPRS27 AND REQUIRED PHARMACY PATCHES - RELEASED ;Created on Jun
18, 2

This Distribution was loaded on Aug 06, 2008@12:42:05 with header of
  CPRS27 AND REQUIRED PHARMACY PATCHES - RELEASED ;Created on Jun 18,
2008@09:54:06
  It consisted of the following Install(s):
OR PSJ PSO 27 1.0   PSJ*5.0*134   PSO*7.0*225   OR*3.0*243

Checking Install for Package OR PSJ PSO 27 1.0

Install Questions for OR PSJ PSO 27 1.0

Checking Install for Package PSJ*5.0*134

Install Questions for PSJ*5.0*134

Incoming Files:

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

Checking Install for Package PSO*7.0*225

Install Questions for PSO*7.0*225

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*243

Install Questions for OR*3.0*243

Incoming Files:

   100   ORDER (Partial Definition)
Note: You already have the 'ORDER' File.

   100.2   OE/RR PATIENT EVENT (Partial Definition)
Note: You already have the 'OE/RR PATIENT EVENT' File.

   100.21   OE/RR LIST
Note: You already have the 'OE/RR LIST' File.

   101.24   OE/RR REPORT (including data)
Note: You already have the 'OE/RR REPORT' File.
I will REPLACE your data with mine.

   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
Note: You already have the 'ORDERABLE ITEMS' File.

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// YES

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

Enter options you wish to mark as 'Out Of Order': OR OE/RR MENU CLINICIAN
CPRS Clinician Menu

Enter options you wish to mark as 'Out Of Order': OR E   OR/RR MENU NURSE

Enter options you wish to mark as 'Out Of Order':

Enter protocols you wish to mark as 'Out Of Order':

Delay Install (Minutes): (0-60): 0//

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

 DEVICE: HOME//   TELNET TERMINAL

 Install Started for OR PSJ PSO 27 1.0 :
          Aug 06, 2008@12:45:32

Build Distribution Date: Jun 18, 2008

 Installing Routines:
          Aug 06, 2008@12:45:32

 Install Started for PSJ*5.0*134 :
          Aug 06, 2008@12:45:32

Build Distribution Date: Jun 18, 2008

 Installing Routines:
          Aug 06, 2008@12:45:32

 Installing Data Dictionaries:
          Aug 06, 2008@12:45:32

 Updating Routine file...

 The following Routines were created during this install:
   PSGXR3
   PSGXR31
   PSGXR310
   PSGXR311
   PSGXR312
   PSGXR32
   PSGXR33
   PSGXR34
   PSGXR35
   PSGXR36
   PSGXR37
   PSGXR38
   PSGXR39

 Updating KIDS files...

 PSJ*5.0*134 Installed.

Aug 06, 2008@12:45:33

Install Started for PSO*7.0*225 :
          Aug 06, 2008@12:45:33

Build Distribution Date: Jun 18, 2008

Installing Routines:
          Aug 06, 2008@12:45:33

Installing Data Dictionaries:
          Aug 06, 2008@12:45:34

Installing PACKAGE COMPONENTS:

Installing PROTOCOL
 Located in the PSO (OUTPATIENT PHARMACY) namespace

Installing LIST TEMPLATE
          Aug 06, 2008@12:45:34

Updating Routine file...

The following Routines were created during this install:
   PSOXZA
   PSOXZA1
   PSOXZA10
   PSOXZA11
   PSOXZA12
   PSOXZA13
   PSOXZA14
   PSOXZA2
   PSOXZA3
   PSOXZA4
   PSOXZA5
   PSOXZA6
   PSOXZA7
   PSOXZA8
   PSOXZA9

Updating KIDS files...

PSO*7.0*225 Installed.
          Aug 06, 2008@12:45:34

Install Started for OR*3.0*243 :
         Aug 06, 2008@12:45:34

Build Distribution Date: Jun 18, 2008

Installing Routines:
         Aug 06, 2008@12:45:36

Running Pre-Install Routine: PRE^ORY243
Removing old data dictionaries.

Deleting data dictionary for file # 101.43

Installing Data Dictionaries:
         Aug 06, 2008@12:45:39

Installing Data: ....
         Aug 06, 2008@12:45:46

Installing PACKAGE COMPONENTS:

Installing HELP FRAME

Installing REMOTE PROCEDURE
Installing OPTION

Installing PARAMETER DEFINITION:
         Aug 06, 2008@12:45:54

Running Post-Install Routine: POST^ORY243

Order Check Expert System Rule Transporter
 Created: NOV 2,2006 at 12:05 at CPRS27.FO-SLC.MED.VA.GOV
 Current Date: AUG 6,2008 at 12:45 at CHY1K.FO-BAYPINES.MED.VA.GOV

Loading Data . . . .
  Installing '863.8 OCX MDD PARAMETER' records... . .
  Installing '864.1 OCX MDD DATATYPE' records... . . .
  Installing '863.7 OCX MDD PUBLIC FUNCTION' records... .
  Installing '863.9 OCX MDD CONDITION/FUNCTION' records... .
  Installing '863.4 OCX MDD ATTRIBUTE' records... . . . .
  Installing '863.2 OCX MDD SUBJECT' records... .

Installing '863.3 OCX MDD LINK' records... .
Installing '860.9 ORDER CHECK NATIONAL TERM' records... . .
Installing '860.8 ORDER CHECK COMPILER FUNCTIONS' records... .
Installing '860.6 ORDER CHECK DATA CONTEXT' records... . . . .
Installing '860.5 ORDER CHECK DATA SOURCE' records... . . . . .
Installing '860.4 ORDER CHECK DATA FIELD' records...

Installing '860.3 ORDER CHECK ELEMENT' records...

ORDER CHECK ELEMENT: CLOZAPINE ANC >= 1.5 & < 2.0
NAME: CLOZAPINE ANC >= 1.5 & < 2.0   ...Correct data Filed
ELEMENT CONTEXT: CPRS ORDER PRESCAN   ...Correct data Filed

   EXPRESSION SEQUENCE NUMBER: 1   ...Correct data Filed
   DATA FIELD 1: CLOZAPINE ANC W/IN 7 RESULT   ...Correct data Filed
   OPERATOR/FUNCTION: GREATER THAN   ...Correct data Filed
   CONDITIONAL VALUE 1: 1.499   ...Correct data Filed

   EXPRESSION SEQUENCE NUMBER: 2   ...Correct data Filed
   DATA FIELD 1: CLOZAPINE ANC W/IN 7 RESULT   ...Correct data Filed
   OPERATOR/FUNCTION: LESS THAN   ...Correct data Filed
   CONDITIONAL VALUE 1: 2.0   ...Correct data Filed

   EXPRESSION SEQUENCE NUMBER: 3   ...Correct data Filed
   DATA FIELD 1: CLOZAPINE ANC W/IN 7 FLAG   ...Correct data Filed
   OPERATOR/FUNCTION: LOGICAL TRUE   ...Correct data Filed

 Installing '860.2 ORDER CHECK RULE' records...

------------Missing multiple:------------------------------------
     ORDER CHECK RULE: CLOZAPINE [57]
        TRUTH ELEMENTS: 1.5 <= ANC < 2.0 [10]
        TYPE: SIMPLE DEFINITION
        ELEMENT NAME: CLOZAPINE ANC >= 1.5 & < 2.0

   LABEL: 1.5 <= ANC < 2.0   ...Correct data Filed
   TYPE: SIMPLE DEFINITION   ...Correct data Filed
   ELEMENT NAME: CLOZAPINE ANC >= 1.5 & < 2.0   ...Correct data Filed

------------Inconsistent Data-------------------------------------
     ORDER CHECK RULE: CLOZAPINE [57]
        RELATION ACTIONS: 1 [1]
          RELATION EXPRESSION field [1]
             (R) CPRS27.FO-SLC.MED.VA.GOV: CLOZAPINE AND (NO WBC W/IN 7
DAYS OR NO ANC W/IN 7 DAYS)

(L) CHY1K.FO-BAYPINES.MED.VA.GOV: CLOZAPINE AND (WBC < 3.0 OR ANC < 1.5)

RELATION EXPRESSION: CLOZAPINE AND (NO WBC W/IN 7 DAYS OR NO ANC W/IN 7 DAYS)   ...Correct data Filed

------------Inconsistent Data-------------------------------------
    ORDER CHECK RULE: CLOZAPINE [57]
       RELATION ACTIONS: 1 [1]
          ORDER CHECK MESSAGE field [6]
             (R) CPRS27.FO-SLC.MED.VA.GOV: Clozapine orders require a CBC/Diff within past 7 days. Please order CBC/Diff with WBC and ANC immediately. Most recent results - |CLOZ LAB RSLTS|
             (L) CHY1K.FO-BAYPINES.MED.VA.GOV: WBC < 3.0 and/or ANC < 1.5 - pharmacy cannot fill clozapine order. Most recent results - |CLOZ LAB RSLTS|

    ORDER CHECK MESSAGE: Clozapine orders require a CBC/Diff within past 7 days. Please order CBC/Diff with WBC and ANC immediately. Most recent results - |CLOZ LAB RSLTS| ...Correct data Filed

------------Inconsistent Data-------------------------------------
    ORDER CHECK RULE: CLOZAPINE [57]
       RELATION ACTIONS: 2 [2]
          RELATION EXPRESSION field [1]
             (R) CPRS27.FO-SLC.MED.VA.GOV: CLOZAPINE AND (WBC < 3.0 OR ANC < 1.5)
             (L) CHY1K.FO-BAYPINES.MED.VA.GOV: CLOZAPINE AND NO WBC W/IN 7 DAYS

    RELATION EXPRESSION: CLOZAPINE AND (WBC < 3.0 OR ANC < 1.5)   ...Correct data Filed

------------Inconsistent Data-------------------------------------
    ORDER CHECK RULE: CLOZAPINE [57]
       RELATION ACTIONS: 2 [2]
          ORDER CHECK MESSAGE field [6]
             (R) CPRS27.FO-SLC.MED.VA.GOV: WBC < 3.0 and/or ANC < 1.5 - pharmacy cannot fill clozapine order. Most recent results - |CLOZ LAB RSLTS|
             (L) CHY1K.FO-BAYPINES.MED.VA.GOV: Clozapine orders require a CBC/Diff within past 7 days. Please order CBC/Diff with WBC and ANC immediately. Most recent results - |CLOZ LAB RSLTS|

    ORDER CHECK MESSAGE: WBC < 3.0 and/or ANC < 1.5 - pharmacy cannot fill clozapine order. Most recent results - |CLOZ LAB RSLTS| ...Correct data Filed

------------Inconsistent Data-------------------------------------

ORDER CHECK RULE: CLOZAPINE [57]
   RELATION ACTIONS: 3 [3]
      RELATION EXPRESSION field [1]
         (R) CPRS27.FO-SLC.MED.VA.GOV: CLOZAPINE AND 3.0 <= WBC < 3.5 AND ANC >= 1.5
         (L) CHY1K.FO-BAYPINES.MED.VA.GOV: CLOZAPINE AND 3.0 <= WBC < 3.5 AND NO ANC W/IN 7 DAYS

   RELATION EXPRESSION: CLOZAPINE AND 3.0 <= WBC < 3.5 AND ANC >= 1.5 ...Correct data Filed

------------Inconsistent Data-------------------------------------
   ORDER CHECK RULE: CLOZAPINE [57]
    RELATION ACTIONS: 3 [3]
      ORDER CHECK MESSAGE field [6]
         (R) CPRS27.FO-SLC.MED.VA.GOV: WBC between 3.0 and 3.5 with ANC >= 1.5 - please repeat CBC/Diff including WBC and ANC immediately and twice weekly. Most recent results - |CLOZ LAB RSLTS|
         (L) CHY1K.FO-BAYPINES.MED.VA.GOV: |CLOZWBC 30_35 TEXT| Most recent results - |CLOZ LAB RSLTS|

   ORDER CHECK MESSAGE: WBC between 3.0 and 3.5 with ANC >= 1.5 - please repeat CBC/Diff including WBC and ANC immediately and twice weekly. Most recent results - |CLOZ LAB RSLTS| ...Correct data Filed

------------Inconsistent Data-------------------------------------
   ORDER CHECK RULE: CLOZAPINE [57]
    RELATION ACTIONS: 4 [4]
      RELATION EXPRESSION field [1]
         (R) CPRS27.FO-SLC.MED.VA.GOV: CLOZAPINE AND 1.5 <= ANC < 2.0
         (L) CHY1K.FO-BAYPINES.MED.VA.GOV: CLOZAPINE AND 3.0 <= WBC < 3.5 AND ANC >= 1.5

   RELATION EXPRESSION: CLOZAPINE AND 1.5 <= ANC < 2.0   ...Correct data Filed

------------Inconsistent Data-------------------------------------
   ORDER CHECK RULE: CLOZAPINE [57]
    RELATION ACTIONS: 4 [4]
      ORDER CHECK MESSAGE field [6]
         (R) CPRS27.FO-SLC.MED.VA.GOV: ANC between 1.5 and 2.0 - please repeat CBC/Diff including WBC and ANC immediately and twice weekly. Most recent results - |CLOZ LAB RSLTS|
         (L) CHY1K.FO-BAYPINES.MED.VA.GOV: WBC between 3.0 and 3.5 with ANC >= 1.5 - please repeat CBC/Diff including WBC and ANC immediately and twice weekly. Most recent results - |CLOZ LAB RSLTS|

ORDER CHECK MESSAGE: ANC between 1.5 and 2.0 - please repeat CBC/Diff including WBC and ANC immediately and twice weekly. Most recent results - |CLOZ LAB RSLTS| ...Correct data Filed

------------Extra multiple:--------------------------------------
    ORDER CHECK RULE: CLOZAPINE [57]
        RELATION ACTIONS: 5 [5]
        RELATION EXPRESSION: CLOZAPINE AND WBC >= 3.5
        ORDER CHECK: CLOZAPINE APPROPRIATENESS
        ORDER CHECK MESSAGE: Clozapine - most recent results - |CLOZ LAB RSLTS|
  ...Correct data Filed

    No data filing errors.

Transport Finished...

---Creating Order Check Routines----------------------------------

Build list of Active Rules, Elements and Datafields...

    95 DATA FIELDS

    78 ELEMENTS

    38 RULES

Compile DataField Navigation code...

    100 DataField Navigation Code Arrays

Compile Element Evaluation code...

    72 Event Evaluation Code Arrays

Compile Element MetaCode...

    78 Element Metacode Arrays

Get Compiler Function Code...

    51 Compiler Include Functions

Compile Rule Element Relation code...

    54 Rule Element Relation Code Arrays

Construct Decision Tree...

   698 Sub-Routines

Optimize Sub-Routines...

   279 Sub-Routines

 60.1% Optimization

Assemble Routines...

   40 OCXOZ* Routines
Converting Inpatient Medications Quick Orders to
Unit Dose Medications Quick Orders.

Delayed IV Order conversion has been queued, task number 123542

 Updating Routine file...

 The following Routines were created during this install:
    ORD2
    ORD21
    ORD210
    ORD211
    ORD212
    ORD213
    ORD214
    ORD215
    ORD216
    ORD22
    ORD23
    ORD24
    ORD25
    ORD26
    ORD27
    ORD28
    ORD29

 Updating KIDS files...

 OR*3.0*243 Installed.
          Aug 06, 2008@12:46:02

 Updating Routine file...

Updating KIDS files...

OR PSJ PSO 27 1.0 Installed.
            Aug 06, 2008@12:46:02

Install Completed

PSS*1*123 Installation Capture

  1   Load a Distribution
  2   Verify Checksums in Transport Global
  3   Print Transport Global
  4   Compare Transport Global to Current System
  5   Backup a Transport Global
  6   Install Package(s)
        Restart Install of Package(s)
        Unload a Distribution

You have 6 new messages. (Last arrival: 08/06/08@12:46)
Select Installation Option: 6 Install Package(s)
Select INSTALL NAME: PSS,123 PSS*1.0*123   Loaded from Distribution 8/6/08@1
2:47:56
    => PSS*1*123

This Distribution was loaded on Aug 06, 2008@12:47:56 with header of
   PSS*1*123
   It consisted of the following Install(s):
    PSS*1.0*123
Checking Install for Package PSS*1.0*123
Will first run the Environment Check Routine, PSSEC123

Install Questions for PSS*1.0*123

Incoming Files:

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

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

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

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

DEVICE: HOME//   TELNET TERMINAL

 Install Started for PSS*1.0*123 :
          Aug 06, 2008@12:48:14

Build Distribution Date: Nov 06, 2007

 Installing Routines:
          Aug 06, 2008@12:48:14

 Installing Data Dictionaries:
          Aug 06, 2008@12:48:15

Updating Routine file...

The following Routines were created during this install:
   PSSVX6
   PSSVX61
   PSSVX62
   PSSVX63
   PSSVX64
   PSSVX65
   PSSVX66

Updating KIDS files...

 PSS*1.0*123 Installed.
          Aug 06, 2008@12:48:15

 Install Completed

GMTS*2.7*84 Installation Capture

    1   Load a Distribution
    2   Verify Checksums in Transport Global
    3   Print Transport Global
    4   Compare Transport Global to Current System
    5   Backup a Transport Global
    6   Install Package(s)
         Restart Install of Package(s)

Unload a Distribution

Select Installation Option: 6 Install Package(s)
Select INSTALL NAME: GMTS*2.7*84   Loaded from Distribution 8/6/08@12:48:54
   => GMTS*2.7*84 TEST v8

This Distribution was loaded on Aug 06, 2008@12:48:54 with header of
  GMTS*2.7*84 TEST v8
  It consisted of the following Install(s):
   GMTS*2.7*84
Checking Install for Package GMTS*2.7*84

Install Questions for GMTS*2.7*84

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

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

DEVICE: HOME//   TELNET TERMINAL

 Install Started for GMTS*2.7*84 :
          Aug 06, 2008@12:49:18

Build Distribution Date: Mar 10, 2008

 Installing Routines:
          Aug 06, 2008@12:49:18

 Updating Routine file...

 Updating KIDS files...

 GMTS*2.7*84 Installed.
          Aug 06, 2008@12:49:18

Install Completed

OR*3*299 Installation Capture
  1   Load a Distribution
  2   Verify Checksums in Transport Global
  3   Print Transport Global
  4   Compare Transport Global to Current System

```
   5     Backup a Transport Global
   6     Install Package(s)
         Restart Install of Package(s)
         Unload a Distribution

Select Installation Option: 6  Install Package(s)
Select INSTALL NAME: OR,299  OR*3.0*299    Loaded from Distribution  8/6/08@12:
49:44
   => OR*3*299


This Distribution was loaded on Aug 06, 2008@12:49:44 with header of
  OR*3*299
  It consisted of the following Install(s):
    OR*3.0*299
Checking Install for Package OR*3.0*299

Install Questions for OR*3.0*299


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


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

DEVICE: HOME//   TELNET TERMINAL


 Install Started for OR*3.0*299 :
          Aug 06, 2008@12:50:01


Build Distribution Date: Aug 01, 2008

 Installing Routines:
          Aug 06, 2008@12:50:02


 Running Post-Install Routine: EN1^ORY299
Requested Start Time: NOW//  (AUG 06, 2008@12:50:05)


The check for truncated Patient Instructions is queued
 (to start NOW).


YOU WILL RECEIVE A MAILMAN MESSAGE WHEN TASK #123543 HAS
COMPLETED.


 Updating Routine file...
```

Updating KIDS files...

OR*3.0*299 Installed.
            Aug 06, 2008@12:50:05

Install Completed