Computerized Patient Record System (CPRS) Version 31b Follow-Up Build

Deployment, Installation, Back Out and Rollback Guide

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Department of Veterans Affairs
Office of Information & Technology (OI&T)
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Revision History

Date	Version	Description	Author
12/13/2021	0.12	Redacted for the VDL: removed names and links to software builds	CPRS Development Team
12/01/2021	0.11	Added section 8.1.1 (Disable Protocol PSO LM PAT PREG/LACT DISPLAY). Renamed Section 5 ""Documentation and Software Retrieval" and moved section 7.1 (Documentation) to 5.1.	CPRS Development Team
10/5/2021	0.10	Updated all the screenshots in Section 7 (Test System Installation) and Appendices A, B, C, and D.	CPRS Development Team
9/1/2021	0.09`	Updated all the examples in the Test System Installation section and the appendices. Updated the instructions in the "Install the Build" sub-section (Test System Installation section, instruction #4).	CPRS Development team
6/16/2021	0.08	Added PXRM*2.0*42 to the list of pre-requisite patches. Updated all of the examples in Section 7 (Test System Installation) and in Appendices A, B, C, and D.	CPRS Development Team
5/11/2021	0.07	Updated the Test System Installation section and Appendices A, B, C and D. Updated PXRM*2.0*45 to PXRM*2.0*75.	CPRS Development Team
3/2/2021	0.06	Updated the Overview, Pre-Requisite Patches, Test System Installation Checklist, Software Retrieval and Test System Installation sections.	CPRS Development Team
12/10/2020	0.05	Removed all the instructions in the pre- and post-installation sections because they are now documented in the "CPRS v31b Follow-Up Build Setup and Configuration Guide".	CPRS Development Team
12/4/2020	0.04	Updated the pre-installation steps and the post-installation sections	CPRS Development Team
10/16/2020	0.03	Updated the backout and pre- and post-installation sections	CPRS Development Team
10/1/2020	0.02	Technical Writer Edits	CPRS Development Team

8/31/2020	0.01	Initial Draft	CPRS Development Team

Table of Contents

1 CPRS v31b Follow-Up Build

1.1 Overview

CPRS v31b Follow-Up Build is a multi-package build that addresses several defects identified during the deployment of the CPRS v31b series of patches.

The CPRS v31b Follow-Up build consists of the following patches:

- OR*3.0*498
- WV*1.0*26
- PXRM*2.0*71
- PSO*7.0*622
- TIU*1.0*341

1.2 Recommended Audience

This guide provides information specifically for Department of Veterans Affairs Medical Center (VAMC) Information Resource Management (IRM) staff.

1.3 About this Guide

This document describes how to install, back-out, and roll-back the CPRS v31b Follow-Up multi-package build.

This document is a companion to the project charter and management plan for this effort.

Pre- and Post-installation instructions are not documented in this guide. Instead, they are documented in the "CPRS v31b Follow-Up Build Setup and Configuration Guide".

1.4 Document Conventions

Examples of VistA "Roll and Scroll" interface actions will be shown in a box such as this:

```
Select OPTION NAME: XPAR EDIT PARAMETER          Edit Parameter Values
Edit Parameter Values
```

Emphasis of important points may be displayed in this manner:

> **NOTE:** This is an important point and must not be omitted.

Call-outs may be used to draw attention to part of a block of text or a table without disrupting the flow of the block or table. For example:
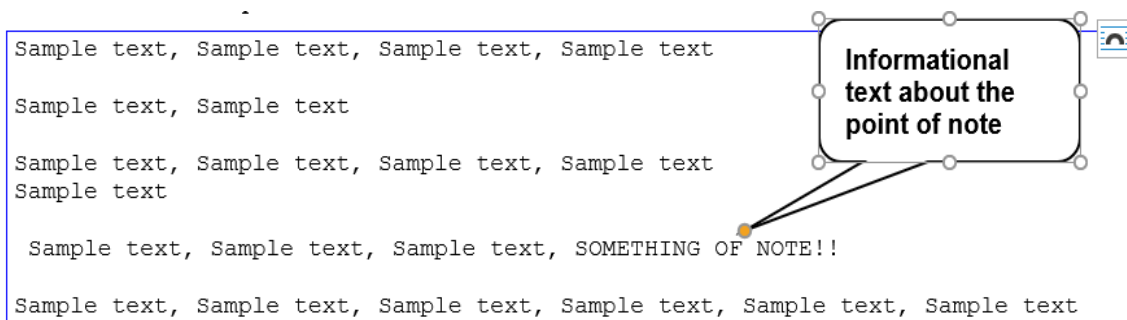
1.5 Related Documents

The following documents, in addition to this document, will be available on the VA Software Document Library (VDL) when the patch is released:

[CPRS on the VDL](#)

- *CPRS User Guide: GUI Version*
- *CPRS Technical Manual*
- *CPRS Technical Manual: GUI Version*
- *CPRS Release Notes: v31b Follow-Up Build*
- *CPRS v31b Follow-Up Build Setup and Configuration Guide*

2 Pre-requisites

Before beginning the installation processes described in this document, the tasks outlined in this section must be completed.

2.1 Pre-requisite Patches

CPRS v31b Follow-Up Build expects a fully patched VistA system.

In addition, these patches are required before the CPRS v31b Follow-Up Build can be installed:

- WV*1.0*24
- PXRM*2.0*42
- PXRM*2.0*75
- PSO*7.0*381
- PSO*7.0*468
- PSO*7.0*504
- PSO*7.0*556
- PSO*7.0*564
- TIU*1.0*120

- TIU*1.0*204
- TIU*1.0*290
- OR*3.0*413
- OR*3.0*512
- OR*3.0*519
- PSS*1.0*238

3 Reporting Issues

To report issues with CPRS v31b Follow-Up build, please enter a ticket with the National Help Desk.

4 Test System Installation Checklist

The following activities should be completed in order. Use this checklist and the following sections for both your test/mirror system as well as your production system.

Table 1 Installation Checklist

No.	Task	Done
1.	Confirm your system is fully patched. (See Section 2.1.)	
2.	Retrieve the software. (See Section 5.)	
3.	Make sure the pre-installation has been completed. (See the "CPRS v31b Follow-Up Build Setup and Configuration Guide".)	
4.	Complete the installation. (See Section 7.)	
5.	Make sure the post-Installation tasks have been completed. (See the "CPRS v31b Follow-Up Build Setup and Configuration Guide".)	
6.	Verify the installation was successful. (See Section 8.)	

5 Documentation and Software Retrieval

5.1 Documentation

The following table shows the documentation released with CPRS v31b Follow-Up Build:

Table 1 - CPRS v31b Follow-Up Build

Title	File Names	Description
CPRS v31b Follow-Up Build Deployment, Installation, Back Out and Rollback Guide (DIBORG)	or_3_0_498_dibr.docx or_3_0_498_dibr.pdf	Primarily for installers. Contains items that must be done during the patch installation.
CPRS v31b Follow-Up Build Setup and Configuration Guide	or_3_0_498_setup.docx or_3_0_498_setup.pdf	Primarily for CACs. Contains items that must be done before and after the patch installation.

Documentation is available on the VA Software Documentation Library at: https://www.va.gov/vdl/.

Documentation can also be obtained at:
REDACTED

5.2 Software

The CPRS v31b Follow-Up Build files are listed in Table 1.

Table 2 - CPRS v31b Follow-Up Build files

CPRS Version files to be downloaded	File Contents / Supported Functionality
CPRSV31B_FOLLOW_UP.KID	Contains the required patches for the CPRS v31b Follow Up Build

CPRSV31B_FOLLOW_UP.KID is in the **REDACTED** directory, which is available on all VistA instances.

6 Test System Pre-Installation Steps

Pre-installation instructions are listed in the "CPRS v31b Follow-Up Build Setup and Configuration Guide". They must be performed by the Clinical Application Coordinator (CAC).

6.1 Platform Installation and Preparation

N/A

6.2 Download and Extract Files

N/A

6.3 Database Creation

N/A

6.4 Installation Scripts

N/A

6.5 Cron Scripts

N/A

6.6 Backup Procedures

Backup procedures are listed in the "CPRS v31b Follow-Up Build Setup and Configuration Guide". These procedures must be performed by the CAC.

6.6.1 Back-Up Globals

N/A

7 Test System Installation

This section gives instructions for installing the CPRS v31b Follow-Up build, which includes patches OR*3.0*498, WV*1.0*26, PXRM*2.0*71, PSO*7.0*622 and TIU*1.0*341.

> **NOTE:** Installation should be performed by a user with programmer access and knowledge of installing host files using Kernel Installation and Distribution System [XPD MAIN].

This patch can be loaded with users on the system, but it should be done during off-hours. Estimated installation time is less than 10 minutes.

1. **Retrieve the file that contains the build:**
   The software for this patch is released using a host file. The host file is available at the following location:
   REDACTED

   NOTE: For test site installations, please refer to the build announcement for the location and name of the file to install.

2. **Load the Distribution:**

   a. From the Kernel Installation and Distribution System Menu, select the "Installation" menu and then select the option, "Load a Distribution".

   b. At the "Enter a Host File" prompt, enter the directory and file name from above.

   c. At the "Want to Continue with Load? YES//" prompt, press the ENTER key.

   d. At the "Want to RUN the Environment Check Routine? YES//" prompt, press the ENTER key.

   Example – Load the Distribution

```
Select Installation <TEST ACCOUNT> Option: 1  Load a Distribution
Enter a Host File: REDACTED

KIDS Distribution saved on Sep 29, 2021@15:09:09
Comment: CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, PS
O*7.0*622 v16, TIU*1.0*341 v15, OR*3.0*498 v15

This Distribution contains Transport Globals for the following Package(s):
   CPRS V31B FOLLOW-UP PATCHES 1.0
   WV*1.0*26
   PXRM*2.0*71
   PSO*7.0*622
   TIU*1.0*341
   OR*3.0*498
Distribution OK!

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

   CPRS V31B FOLLOW-UP PATCHES 1.0
   WV*1.0*26
   PXRM*2.0*71
   PSO*7.0*622
   TIU*1.0*341
   OR*3.0*498
Use INSTALL NAME: CPRS V31B FOLLOW-UP PATCHES 1.0 to install this Distribution.
```

3. **From the Installation menu, you may choose any of the following options:**

    a. Backup a Transport Global:

          i. Use the KIDS Installation option, "Backup a Transport Global [XPD BACKUP]".

             This option creates a KIDS host file that will back up all current routines, data dictionaries and other components on your VistA/M system, which will be replaced by the builds in this transport global.

         ii. At the "Select INSTALL NAME:" prompt, enter "CPRS V31B FOLLOW-UP PATCHES 1.0".

        iii. At the "Backup Type: B//" prompt, press the ENTER key.

        iv. At the "Enter a Host File:" prompt, enter the path and filename where you want the backup created.

         v. At the "Header Comment:" prompt, press the ENTER key.

Example – Backup a Transport Global

```
Select Installation <TEST ACCOUNT> Option: 5  Backup a Transport Global
Select INSTALL NAME: CPRS V31B FOLLOW-UP PATCHES 1.0      Loaded from Distribut
ion    9/30/21@08:37:05
     => CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, P

This Distribution was loaded on Sep 30, 2021@08:37:05 with header of
   CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, PSO*7.0*
622 v16, TIU*1.0*341 v15, OR*3.0*498 v15  ;Created on Sep 29, 2021@15:09:09
   It consisted of the following Install(s):
CPRS V31B FOLLOW-UP PATCHES 1.0      WV*1.0*26    PXRM*2.0*71    PSO*7.0*622
   TIU*1.0*341    OR*3.0*498

Subject: Backup of CPRS V31B FOLLOW-UP PATCHES 1.0, WV*1.0*26, PXRM*2.0*
  Replace


     Select one of the following:


        B           Build (including Routines)
        R           Routines Only

Backup Type: B// uild (including Routines)

Enter a Host File: /replace_with_backup_directory/CPRSV31B_FOLLOW_UP_BACKUP.KID
Header Comment: Backup of CPRS V31B FOLLOW-UP PATCHES 1.0, WV*1.0*26, PXRM*2.0*
  Replace
No Package File Link
   WV1026P  in ROUTINE File   ** NOT FOUND **
   WVRPCGF2  in ROUTINE File   ** NOT FOUND **
   WVUTL12  in ROUTINE File   ** NOT FOUND **
   WV MAIL GROUP ISSUE  in PARAMETER DEFINITION File   ** NOT FOUND **
   WV BREAST IMAGE TERM LINKING  in PARAMETER DEFINITION File   ** NOT FOUND **
   PXRMDGFC  in ROUTINE File   ** NOT FOUND **
   PXRMP71I  in ROUTINE File   ** NOT FOUND **
   PSO LM PAT PREG/LACT DISPLAY  in PROTOCOL File   ** NOT FOUND **
Protocol PSO HIDDEN ACTIONS has an Action of 'USE AS LINK FOR MENU ITEMS' and no
 'Menu Items' were sent.
Protocol PSO HIDDEN ACTIONS #1 has an Action of 'USE AS LINK FOR MENU ITEMS' and
 no 'Menu Items' were sent.
Protocol PSO HIDDEN ACTIONS #2 has an Action of 'USE AS LINK FOR MENU ITEMS' and
```

```
 no 'Menu Items' were sent.
Protocol PSO PMP HIDDEN ACTIONS MENU #2 has an Action of 'USE AS LINK FOR MENU I
TEMS' and no 'Menu Items' were sent.
Protocol PSO HIDDEN ACTIONS #3 has an Action of 'USE AS LINK FOR MENU ITEMS' and
 no 'Menu Items' were sent.
   TIU341P  in ROUTINE File   ** NOT FOUND **
   TIUCROBJ  in ROUTINE File   ** NOT FOUND **
   ORS100C  in ROUTINE File   ** NOT FOUND **
   ORY498  in ROUTINE File   ** NOT FOUND **
   OR CS ORDER ANOMALIES  in OPTION File   ** NOT FOUND **
   OR CPRS DEBUG EMAIL  in PARAMETER DEFINITION File   ** NOT FOUND **
Option OR PARAM COORDINATOR MENU has an Action of 'USE AS LINK FOR MENU ITEMS' a
nd no 'Menu Items' were sent.

Package Transported Successfully
```

b. Compare Transport Global to Current System

This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.)

c. Verify Checksums in Transport Global

This option will allow you to ensure the integrity of the routines that are in the transport global.

NOTE: If there are any discrepancies, do not run the Install Package(s) option. Instead, run the Unload a Distribution option to remove the Transport Global from your system. Retrieve the file again from the anonymous directory (in case there was corruption in downloading) and Load the Distribution again.

If the problem still exists, log a ticket and/or call the national Help Desk (1-888-596-HELP) to report the problem.

Example – Verify Checksums in Transport Global
```
Select Installation <TEST ACCOUNT> Option: 2  Verify Checksums in Transport Glob
al
Select INSTALL NAME: CPRS V31B FOLLOW-UP PATCHES 1.0      Loaded from Distribut
ion
9/30/21@08:37:05
     => CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, P

This Distribution was loaded on Sep 30, 2021@08:37:05 with header of
  CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, PSO*7.0*
622 v16, TIU*1.0*341 v15, OR*3.0*498 v15  ;Created on Sep 29, 2021@15:09:09
   It consisted of the following Install(s):
CPRS V31B FOLLOW-UP PATCHES 1.0      WV*1.0*26    PXRM*2.0*71    PSO*7.0*622
    TIU*1.0*341     OR*3.0*498

Want each Routine Listed with Checksums: Yes//   YES
DEVICE: HOME//  REDACTED   Virtual Terminal
```

4. **Install the Build:**

> **NOTE:** Do not queue the installation. A queued installation will generate an error and will not successfully complete.

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

b. When prompted with "Select Installation Option", select "Install Package(s)".

c. When prompted with "Select INSTALL NAME", select "CPRS V31B FOLLOW-UP PATCHES 1.0".

d. Proceed with the install and answer these questions as follows:

> i. Although the answer is usually "No", you can answer "Yes", to the question, "Want KIDS to Rebuild Menu Trees Upon Completion of Install?"
>
> > **NOTE:** Rebuilding menu trees will increase patch installation time.
>
> ii. When prompted with "Want KIDS to INHIBIT LOGONs during the install?", select "No".
>
> iii. When prompted with "Want to DISABLE Scheduled Options, Menu Options and Protocols?", select "No".

e. When prompted with "Device", press the ENTER key.

> **NOTE:** Do not queue the installation. A queued installation will generate an error and will not successfully complete.

Example – Install the Build

```
Select Installation <TEST ACCOUNT> Option: 6  Install Package(s)
Select INSTALL NAME: CPRS V31B FOLLOW-UP PATCHES 1.0     Loaded from Distribu
tion
9/30/21@08:37:05
     => CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, P

This Distribution was loaded on Sep 30, 2021@08:37:05 with header of
   CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, PSO*7.0*
622 v16, TIU*1.0*341 v15, OR*3.0*498 v15  ;Created on Sep 29, 2021@15:09:09
   It consisted of the following Install(s):
CPRS V31B FOLLOW-UP PATCHES 1.0     WV*1.0*26    PXRM*2.0*71    PSO*7.0*622
    TIU*1.0*341     OR*3.0*498
Checking Install for Package CPRS V31B FOLLOW-UP PATCHES 1.0

Install Questions for CPRS V31B FOLLOW-UP PATCHES 1.0


Checking Install for Package WV*1.0*26

Install Questions for WV*1.0*26

Incoming Files:


   790.1     WV PROCEDURE   (Partial Definition)
Note:  You already have the 'WV PROCEDURE' File.
```

```
   790.4     WV NOTIFICATION  (Partial Definition)
Note:  You already have the 'WV NOTIFICATION' File.


   790.403   WV NOTIFICATION TYPE  (including data)
Note:  You already have the 'WV NOTIFICATION TYPE' File.
I will OVERWRITE your data with mine.


   790.404   WV NOTIFICATION PURPOSE  (including data)
Note:  You already have the 'WV NOTIFICATION PURPOSE' File.
I will OVERWRITE your data with mine.


   790.9     WV PREGNANCY/LACTATION STATUS CONFLICT EVENTS
Note:  You already have the 'WV PREGNANCY/LACTATION STATUS CONFLICT EVENTS' File
.

Checking Install for Package PXRM*2.0*71

Install Questions for PXRM*2.0*71

Incoming Files:


   801.41    REMINDER DIALOG  (Partial Definition)
Note:  You already have the 'REMINDER DIALOG' File.


   811.4     REMINDER COMPUTED FINDINGS  (including data)
Note:  You already have the 'REMINDER COMPUTED FINDINGS' File.
I will OVERWRITE your data with mine.


   811.8     REMINDER EXCHANGE  (including data)
Note:  You already have the 'REMINDER EXCHANGE' File.
I will OVERWRITE your data with mine.

Checking Install for Package PSO*7.0*622

Install Questions for PSO*7.0*622


Checking Install for Package TIU*1.0*341

Install Questions for TIU*1.0*341


Checking Install for Package OR*3.0*498

Install Questions for OR*3.0*498

Incoming Files:


   100.9     OE/RR NOTIFICATIONS  (including data)
Note:  You already have the 'OE/RR NOTIFICATIONS' File.
I will OVERWRITE your data with mine.

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.

DEVICE: HOME//    Virtual Terminal
```

8 Test System Post-Installation Tasks (Installation Verification Procedure)

Post-installation instructions are listed in the "CPRS v31b Follow-Up Build Setup and Configuration Guide".   Post-Installation tasks must be performed by the CAC.

8.1 System Configuration

8.1.1 Disable Protocol PSO LM PAT PREG/LACT DISPLAY

Patch PSO*7*622 is releasing with a known defect. Patch PSO*7*441, which is part of the CPRS v32b release, will correct that defect.

To lessen the defect's impact on end users, disable the new protocol PSO LM PAT PREG/LACT DISPLAY using these instructions:

1. From the VA FileMan [DIUSER] menu, execute the "Enter or Edit File Entries [DIEDIT]" option.

2. When prompted with "Input to what File", enter "PROTOCOL".

3. When prompted with "EDIT WHICH FIELD: ALL//", enter "2".

4. When prompted with "THEN EDIT FIELD", press the ENTER key.

5. When prompted with "Select PROTOCOL NAME", enter "PSO LM PAT PREG/LACT DISPLAY".

6. When prompted with "DISABLE", enter "Action disabled. PSO*7*441 will enable" without the quotes.

7. When prompted with "PROTOCOL NAME", press the ENTER key.

Example – Disabling the PSO LM PAT PREG/LACT DISPLAY Protocol

```
Select VA FileMan Option: Enter or Edit File Entries



Input to what File: WV PATIENT// PROTOCOL     (6356 entries)
EDIT WHICH FIELD: ALL// 2  DISABLE
THEN EDIT FIELD:


Select PROTOCOL NAME: PSO LM PAT PREG/LACT DISPLAY      Preg/Lact Display
DISABLE: Action disabled. PSO*7*441 will enable.


Select PROTOCOL NAME:
```

8.2 Database Tuning

N/A

9 Testing in the Test Account

At this point, sites have the chance to test and familiarize themselves with the CPRS v31b Follow-Up Build in their test accounts before proceeding to install in their production accounts.

10 Production System Installation Checklist

The Production System Installation Checklist is the same as the Test System Installation Checklist. See *Section 4* for more details.

11 Production System Pre-Installation Steps

Production Pre-Installation Steps are the same as the Test System Pre-Installation Steps. See *Section 6* for more details.

11.1 Backup Procedures

N/A

11.1.1 Back Up Globals

N/A

12 Production System Installation

Production installation steps are the same as the Test System installation steps. See *Section 7* for more details.

13 Production System Post-Installation Tasks

Production post-installation steps are the same as the Test System post-installation steps. See *Section 8* for more details.

14 Back-Out Procedure

If a major issue occurs with the patch, the Facility Chief Information Officer (FCIO) may decide to do a back-out. However, this decision should include input from both the Health Product Support and the CPRS development team

14.1 Back-Out Strategy

To back out the changes associated with the CPRS v31b Follow-Up Build, personnel would install patch ZZ_OR_3_498_BACKOUT.KID, which will back out all the patches installed with OR*3.0*498.

14.2 Back-Out Criteria

Back-Out should be considered only if the patch causes a catastrophic system failure and all other options have been exhausted. If a back-out is being considered, an email should be sent to the CPRS implementation team at **REDACTED.**

14.3 Back-Out Risks

Backing out the CPRS v31b Follow-Up Build would affect many different parts of CPRS. For more information about these changes, please reference the *CPRS v31b Follow-Up Build Release Notes*, which can be obtained from the [VA Software Document Library](#).

However, back-out risks are minimal since patch ZZ_OR_3_498_BACKOUT.KID should return CPRS to the state it was in prior to installing OR*3.0*498.

14.4 Authority for Back-Out

The FCIO has the final authority to back out the CPRS v31b Follow-Up Build and revert to a previous build. The FCIO should consult with the CPRS Development team and Health Product Support Clinical personnel before deciding to back out the patches.

14.5 Back-Out Procedure

To back out the features with the CPRS v31b Follow-Up Build, a back out patch was created to return the system to a previous state.

To back out the CPRS v31b Follow-Up Build, follow these steps:

1. Install the ZZ_OR_3_498_BACKOUT.KID patch.
2. At the Reminder Exchange, reinstall the SMART BACKUP. See Section 6.6 - Backup Procedures for more details.

14.6 Back-out Verification Procedure

By utilizing the back-out patch and restoring the globals, the system will revert to what it was prior to installing the CPRS v31b Follow-Up Build.

To verify that the patch has been backed out properly:

1. Verify that the second line of routine ORBSMART looks like this, with 377 as the last patch:
   ```
   ;;3.0;ORDER ENTRY/RESULTS REPORTING;**377**;Dec 17, 1997;Build 519
   ```

NOTE: Before the back-out, the second line of ORBSMART will look like this, with 498 in the patch list:
```
;;3.0;ORDER ENTRY/RESULTS REPORTING;**377,498**;Dec 17, 1997;Build 519
```

15 Rollback Procedure

No rollback is required for this installation.

Appendix A: Installation Example

This is a capture of a CPRS V31B FOLLOW-UP PATCHES 1.0 installation that provides details of the install.

Example: First-time Install

```
Install Started for CPRS V31B FOLLOW-UP PATCHES 1.0 :
             Sep 30, 2021@09:12:15

Build Distribution Date: Sep 29, 2021

 Installing Routines:
             Sep 30, 2021@09:12:15

 Install Started for WV*1.0*26 :
             Sep 30, 2021@09:12:15

Build Distribution Date: Sep 29, 2021

 Installing Routines:
             Sep 30, 2021@09:12:15

 Running Pre-Install Routine: PRE^WV1026P
  Removing the data dictionary for the
    WV PREGNANCY/LACTATION STATUS CONFLICT EVENTS file (#790.9)...
    DONE

 Installing Data Dictionaries:
             Sep 30, 2021@09:12:15

 Installing Data:
             Sep 30, 2021@09:12:15

 Installing PACKAGE COMPONENTS:

 Installing FORM

 Installing REMOTE PROCEDURE

 Installing PARAMETER DEFINITION
             Sep 30, 2021@09:12:15

 Running Post-Install Routine: POST^WV1026P

Update Women's Health Patient record that need Next Breast Treatment Date

  Find Procedure to review

  Find Patients to review

  Review Patients record

  Rebuilding the APREG index...
    DONE

  Clearing the CPRS Cover Sheet data cache...
    DONE

 Updating Routine file...

 Updating KIDS files...
```

```
 WV*1.0*26 Installed.
               Sep 30, 2021@09:12:16

 Not a production UCI

 NO Install Message sent

 Install Started for PXRM*2.0*71 :
               Sep 30, 2021@09:12:16

Build Distribution Date: Sep 29, 2021

 Installing Routines:
               Sep 30, 2021@09:12:16

 Running Pre-Install Routine: PRE^PXRMP71I

DISABLE options.

DISABLE protocols.

Repointing Reminder Term: VA-WH BR CA 40-44 WANTS SCREEN TERM

WV PROCEDURE TYPE entries whose 'REMINDER TERM' pointers have been changed
                                              SEP 30, 2021@09:12   PAGE 1
--------------------------------------------------------------------------------




          *** NO RECORDS TO PRINT ***

REMINDER ORDER CHECK RULES entries whose 'REMINDER TERM' pointers have been chan
ged                                           SEP 30, 2021@09:12   PAGE 1
--------------------------------------------------------------------------------




          *** NO RECORDS TO PRINT ***

REMINDER DIALOG entries whose 'EVALUATION ITEM' pointers have been changed
                                              SEP 30, 2021@09:12   PAGE 1
--------------------------------------------------------------------------------




          *** NO RECORDS TO PRINT ***

REMINDER EXTRACT SUMMARY entries whose 'TERM' pointers have been changed
                                              SEP 30, 2021@09:12   PAGE 1
--------------------------------------------------------------------------------




          *** NO RECORDS TO PRINT ***
```

```
REMINDER EXTRACT SUMMARY entries whose 'FINDING ITEM' pointers have been changed
                                           SEP 30, 2021@09:12    PAGE 1
--------------------------------------------------------------------------------




              *** NO RECORDS TO PRINT ***

REMINDER EXTRACT SUMMARY entries whose 'FINDING ITEM' pointers have been changed
                                           SEP 30, 2021@09:12    PAGE 1
--------------------------------------------------------------------------------




              *** NO RECORDS TO PRINT ***

REMINDER EXTRACT SUMMARY entries whose 'REMINDER TERM' pointers have been change
d                                          SEP 30, 2021@09:12    PAGE 1
--------------------------------------------------------------------------------




              *** NO RECORDS TO PRINT ***

REMINDER LIST RULE entries whose 'REMINDER TERM' pointers have been changed
                                           SEP 30, 2021@09:12    PAGE 1
--------------------------------------------------------------------------------


     VA-SMART FR 40-44 WANTS SCREENING      FINDING RULE

REMINDER COUNTING GROUP entries whose 'TERM' pointers have been changed
                                           SEP 30, 2021@09:12    PAGE 1
--------------------------------------------------------------------------------




              *** NO RECORDS TO PRINT ***

REMINDER DEFINITION entries whose 'FINDING ITEM' pointers have been changed
                                           SEP 30, 2021@09:12    PAGE 1
--------------------------------------------------------------------------------




              *** NO RECORDS TO PRINT ***
--------------------------------------------------------------------------------
 Installing Data Dictionaries:
           Sep 30, 2021@09:12:22
```

```
 Installing Data:
            Sep 30, 2021@09:12:25

 Installing PACKAGE COMPONENTS:

 Installing INPUT TEMPLATE
            Sep 30, 2021@09:12:25

 Running Post-Install Routine: POST^PXRMP71I
Removing medications from the VA-WH HIRISK MEDICATIONS (EXTREME RISK) GROUP
reminder order check items group:
  ABACAVIR/DOLUTEGRAVIR/LAMIVUDINE
  DOLUTEGRAVIR
  DOLUTEGRAVIR/RILPIVIRINE
  DONE
Removing all items from the VA-WH HIRISK MEDICATIONS (LACTATION LEVEL 2) GROUP
reminder order check items group:
  DONE
  Deleting the VA-WH TD CLEAR LACTATION ALERT
  reminder dialog...
     DONE
  Deleting the VA-WH TD CLEAR PREGNANCY ALERT
  reminder dialog...
     DONE

ENABLE options.

ENABLE protocols.

 Updating Routine file...

 Updating KIDS files...

 PXRM*2.0*71 Installed.
            Sep 30, 2021@09:12:29

 Not a production UCI

 NO Install Message sent

 Install Started for PSO*7.0*622 :
            Sep 30, 2021@09:12:29

Build Distribution Date: Sep 29, 2021

 Installing Routines:
            Sep 30, 2021@09:12:29

 Installing PACKAGE COMPONENTS:

 Installing PROTOCOL
  Located in the PSO (OUTPATIENT PHARMACY) namespace.
            Sep 30, 2021@09:12:29

 Updating Routine file...

 Updating KIDS files...

 PSO*7.0*622 Installed.
            Sep 30, 2021@09:12:29

 Not a production UCI
```

```
 NO Install Message sent

 Install Started for TIU*1.0*341 :
               Sep 30, 2021@09:12:29

Build Distribution Date: Sep 29, 2021

 Installing Routines:
               Sep 30, 2021@09:12:29

 Running Post-Install Routine: POST^TIU341P

PULSE OXIMETRY object created successfully.

VA-WH EXPECTED DUE DATE object created successfully.

 Updating Routine file...

 Updating KIDS files...

 TIU*1.0*341 Installed.
               Sep 30, 2021@09:12:29

 Not a production UCI

 NO Install Message sent

 Install Started for OR*3.0*498 :
               Sep 30, 2021@09:12:29

Build Distribution Date: Sep 29, 2021

 Installing Routines:
               Sep 30, 2021@09:12:29

 Running Pre-Install Routine: PRE^OR498P

 Installing Data Dictionaries:
               Sep 30, 2021@09:12:30

 Installing Data:
               Sep 30, 2021@09:12:30

 Installing PACKAGE COMPONENTS:

 Installing OPTION

 Installing PARAMETER DEFINITION
               Sep 30, 2021@09:12:30

 Running Post-Install Routine: POST^OR498P

Updating Cover Sheet Immunizations Report

Updating ORB URGENCY to Low at PKG level for notification SMART NON-CRITICAL IMA
GING RES

 Updating Routine file...

 Updating KIDS files...

 OR*3.0*498 Installed.
```

```
                  Sep 30, 2021@09:12:30

Not a production UCI

NO Install Message sent

Updating Routine file...

Updating KIDS files...

CPRS V31B FOLLOW-UP PATCHES 1.0 Installed.
                  Sep 30, 2021@09:12:30

No link to PACKAGE file

NO Install Message sent



Install Completed
```

Appendix B: Post-Install Checksums

Installation Checksums:

```
>D CHECK1^XTSUMBLD

New CheckSum CHECK1^XTSUMBLD:

This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:

1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

     Select one of the following:

          P          Package
          B          Build

Build from: Build

This will check the routines from a BUILD file.
Select BUILD NAME: WV*1.0*26
     1   WV*1.0*26      WOMEN'S HEALTH      WOMEN'S HEALTH
     2   WV*1.0*26b     WOMEN'S HEALTH      WOMEN'S HEALTH
CHOOSE 1-2: 1  WV*1.0*26     WOMEN'S HEALTH     WOMEN'S HEALTH
WV1026P   value = 23324867
WVALERTR  value = 40984224
WVEXPTRA  value = 47275855
WVPKG     value = 1398902
WVRALINK  value = 89480987
WVRPCGF   value = 205155906
WVRPCGF1  value = 117914359
WVRPCGF2  value = 10066909
WVRPCOR   value = 91830412
WVRPCOR1  value = 16869001
WVRPCOR2  value = 34827657
WVRPCPR   value = 29143724
WVRPCPT   value = 158633774
WVRPCPT1  value = 172660673
WVRPCPT2  value = 46072493
WVRPCVPR  value = 12966415
WVTDALRT  value = 40521827
WVTIU     value = 54549941
WVUTL1    value = 46884913
WVUTL11   value = 167515768
WVUTL12   value = 10807548
WVUTL4    value = 12633419
done
>D CHECK1^XTSUMBLD

New CheckSum CHECK1^XTSUMBLD:

This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:
```

```
1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

        Select one of the following:

             P          Package
             B          Build

Build from: Build

This will check the routines from a BUILD file.
Select BUILD NAME: PXRM*2.0*71
     1   PXRM*2.0*71       CLINICAL REMINDERS      CLINICAL REMINDERS
     2   PXRM*2.0*71b      CLINICAL REMINDERS      CLINICAL REMINDERS
CHOOSE 1-2: 1  PXRM*2.0*71     CLINICAL REMINDERS      CLINICAL REMINDERS
PXRMCALT  value = 108062944
PXRMCOPY  value = 44260657
PXRMCWH   value = 205206809
PXRMCWH1  value = 76553371
PXRMDGFC  value = 15804854
PXRMDLED  value = 10261556
PXRMDLG4  value = 100687855
PXRMDUTL  value = 57754306
PXRMEXU4  value = 135631400
PXRMGEV   value = 45380121
PXRMGEVA  value = 69344885
PXRMNTFY  value = 112290772
PXRMORCH  value = 105863585
PXRMP71I  value = 77309826
PXRMPLAB  value = 30988297
PXRMPRAD  value = 42218466
PXRMRPCG  value = 132169684
PXRMRUL1  value = 51780833
done
>D CHECK1^XTSUMBLD

New CheckSum CHECK1^XTSUMBLD:

This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:

1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

        Select one of the following:

             P          Package
             B          Build
```

```
Build from: Build

This will check the routines from a BUILD file.
Select BUILD NAME: PSO*7.0*622
     1   PSO*7.0*622      OUTPATIENT PHARMACY     OUTPATIENT PHARMACY
     2   PSO*7.0*622b     OUTPATIENT PHARMACY     OUTPATIENT PHARMACY
CHOOSE 1-2: 1  PSO*7.0*622     OUTPATIENT PHARMACY     OUTPATIENT PHARMACY
PSODEM    value = 23547289
PSOLMPAT  value = 6680611
PSOLMUTL  value = 14845000
PSOORRL   value = 73574968
PSOORRL3  value = 28030432
PSOORRLN  value = 48136074
PSOORRLO  value = 43646487
PSOORUT2  value = 108723602
PSORXEDT  value = 57610892
PSORXVW   value = 81376919
done
>D CHECK1^XTSUMBLD

New CheckSum CHECK1^XTSUMBLD:

This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:

1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

     Select one of the following:

          P         Package
          B         Build

Build from: Build

This will check the routines from a BUILD file.
Select BUILD NAME: TIU*1.0*341
     1   TIU*1.0*341      TEXT INTEGRATION UTILITIES     TEXT INTEGRATION UTILI
TIES
     2   TIU*1.0*341b     TEXT INTEGRATION UTILITIES     TEXT INTEGRATION UTIL
ITIES
CHOOSE 1-2: 1  TIU*1.0*341     TEXT INTEGRATION UTILITIES     TEXT INTEGRATION U
TILITIES
GMRPNCW   value = 32632231
TIU341P   value = 4546555
TIUCROBJ  value = 8682625
TIULO     value = 52832476
TIUUTL    value = 25893344
done
>D CHECK1^XTSUMBLD

New CheckSum CHECK1^XTSUMBLD:

This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:
```

```
1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

      Select one of the following:

           P          Package
           B          Build

Build from: Build

This will check the routines from a BUILD file.
Select BUILD NAME: OR*3.0*498
     1   OR*3.0*498      ORDER ENTRY/RESULTS REPORTING     ORDER ENTRY/RESULTS
REPORTING
     2   OR*3.0*498b      ORDER ENTRY/RESULTS REPORTING      ORDER ENTRY/RESULTS
 REPORTING
CHOOSE 1-2: 1  OR*3.0*498     ORDER ENTRY/RESULTS REPORTING     ORDER ENTRY/RESU
LTS REPORTING
OR498P    value = 8766942
ORB3U1    value = 72818433
ORB3U2    value = 91861349
ORB3USER  value = 74828188
ORBSMART  value = 41887919
ORCACT01  value = 114181826
ORDEBUG   value = 16554061
ORDV02A   value = 13647857
ORDV06B   value = 44630064
ORLPREM   value = 32531974
ORPDMPNT  value = 35626953
ORPDMPWS  value = 184364456
ORS100C   value = 41802538
ORSMART   value = 3089952
ORWDRA32  value = 27726747
ORWDXM1   value = 127137244
ORWDXM3   value = 132401126
ORWORB    value = 99052906
ORWPCE3   value = 65944434
ORWPS     value = 87678827
ORWRP     value = 82715505
ORY498    value = 195772
done
```

Appendix C: Install File Print Example

Use the KIDS Install File Print option to print out the results of the installation process. You can select the multi-package build or any of the individual builds included in the multi-package build.

```
Select Utilities <TEST ACCOUNT> Option: Install File Print
Select INSTALL NAME: CPRS V31B FOLLOW-UP PATCHES 1.0      Install Completed
9/30/21@09:12:30
     => CPRS V31B FOLLOW-UP PATCHES 1.0 v16, WV*1.0*26 v16, PXRM*2.0*71 v16, P
DEVICE: HOME// ;;999  Virtual Terminal
```

```
 PACKAGE: CPRS V31B FOLLOW-UP PATCHES 1.0    Sep 30, 2021 9:20 am    PAGE 1
                                          COMPLETED          ELAPSED
-------------------------------------------------------------------------------
STATUS: Install Completed              DATE LOADED: SEP 30, 2021@08:37:05
INSTALLED BY: PROGRAMMER,ONE
NATIONAL PACKAGE:

INSTALL STARTED: SEP 30, 2021@09:12:15        09:12:30              0:00:15

ROUTINES:                                     09:12:15

INSTALL QUESTION PROMPT                                              ANSWER

XPI1   Want KIDS to INHIBIT LOGONs during the install                 NO
XPZ1   Want to DISABLE Scheduled Options, Menu Options, and Protocols NO
MESSAGES:

 Install Started for CPRS V31B FOLLOW-UP PATCHES 1.0 :
            Sep 30, 2021@09:12:15

Build Distribution Date: Sep 29, 2021

 Installing Routines:
            Sep 30, 2021@09:12:15

 Updating Routine file...

 Updating KIDS files...

 CPRS V31B FOLLOW-UP PATCHES 1.0 Installed.
            Sep 30, 2021@09:12:30

 No link to PACKAGE file

 NO Install Message sent
```

Appendix D: Build File Print Example

Use the KIDS Build File Print option to print out the build components. You can select the multi-package build or any of the individual builds included in the multi-package build.

```
 Select Utilities <TEST ACCOUNT> Option: Build File Print
Select BUILD NAME: CPRS V31B FOLLOW-UP PATCHES 1.0
     1   CPRS V31B FOLLOW-UP PATCHES 1.0
     2   CPRS V31B FOLLOW-UP PATCHES 1.0b
CHOOSE 1-2: 1  CPRS V31B FOLLOW-UP PATCHES 1.0         (Multi-Package)
   WV*1.0*26
   PXRM*2.0*71
   PSO*7.0*622
   TIU*1.0*341
   OR*3.0*498
DEVICE: HOME// ;;999  Virtual Terminal
```

```
PACKAGE: CPRS V31B FOLLOW-UP PATCHES 1.0    Sep 30, 2021 9:21 am        PAGE 1
-------------------------------------------------------------------------------
           TYPE: MULTI-PACKAGE                  TRACK NATIONALLY: YES
NATIONAL PACKAGE:                               ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Sep 29, 2021
     DESCRIPTION:


SEQUENCE OF BUILDS:
   1     WV*1.0*26                              Required to Continue
   2     PXRM*2.0*71                            Required to Continue
   3     PSO*7.0*622                            Required to Continue
   4     TIU*1.0*341                            Required to Continue
   5     OR*3.0*498                             Not Required to Continue
```

```
 PACKAGE: WV*1.0*26     Sep 30, 2021 9:22 am                            PAGE 1
-------------------------------------------------------------------------------
           TYPE: SINGLE PACKAGE                 TRACK NATIONALLY: YES
NATIONAL PACKAGE: WOMEN'S HEALTH                ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Sep 29, 2021


     DESCRIPTION:
This patch modifies the Women's Health package to improve monitoring of
high risk medcations prescribed or administered to women of childbearing
age or women who are lactating. Specifically, the software now tracks a
woman's pregnancy and lacation status and notifies providers of changes in
these statuses. These statuses are used during order checking to remind
providers about the potential harm of such medications.

Please see the accompanying patch description for details and the
Computerized Patient Record System (CPRS) version 31.b installation manual
for installation instructions.

ENVIRONMENT CHECK:                            DELETE ENV ROUTINE:
 PRE-INIT ROUTINE: PRE^WV1026P                 DELETE PRE-INIT ROUTINE: No
POST-INIT ROUTINE: POST^WV1026P               DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

                                        UP    SEND  DATA                USER
                                        DATE  SEC.  COMES   SITE  RSLV  OVER
```

```
FILE #        FILE NAME                         DD    CODE   W/FILE  DATA  PTRS  RIDE
-------------------------------------------------------------------------------

790.1       WV PROCEDURE                        YES   NO     NO                  NO
Partial DD: subDD: 790.1      fld: .14
            subDD: 790.23     fld: 5
            subDD: 790.24     fld: .01
                              fld: 1

790.4       WV NOTIFICATION                     YES   NO     NO                  NO
Partial DD: subDD: 790.4      fld: .08
                              fld: .14

790.403     WV NOTIFICATION TYPE                NO    NO     YES     OVER  NO    NO
  DATA SCREEN: I Y=16!(Y=17)

790.404     WV NOTIFICATION PURPOSE             NO    NO     YES     OVER  NO    NO
  DATA SCREEN: I $$SENDPUR^WV1026P($P(^(0),U))

790.9       WV PREGNANCY/LACTATION STATUS CONFLICT EVENTSYESNONO               NO

FORM:                                           ACTION:
  WV PROC-FORM-1    FILE #790.1                    SEND TO SITE
  WV PROC-FORM-2-COLP   FILE #790.1                SEND TO SITE

ROUTINE:                                        ACTION:
  WV1026P                                          SEND TO SITE
  WVALERTR                                         SEND TO SITE
  WVEXPTRA                                         SEND TO SITE
  WVPKG                                            SEND TO SITE
  WVRALINK                                         SEND TO SITE
  WVRPCGF                                          SEND TO SITE
  WVRPCGF1                                         SEND TO SITE
  WVRPCGF2                                         SEND TO SITE
  WVRPCOR                                          SEND TO SITE
  WVRPCOR1                                         SEND TO SITE
  WVRPCOR2                                         SEND TO SITE
  WVRPCPR                                          SEND TO SITE
  WVRPCPT                                          SEND TO SITE
  WVRPCPT1                                         SEND TO SITE
  WVRPCPT2                                         SEND TO SITE
  WVRPCVPR                                         SEND TO SITE
  WVTDALRT                                         SEND TO SITE
  WVTIU                                            SEND TO SITE
  WVUTL1                                           SEND TO SITE
  WVUTL11                                          SEND TO SITE
  WVUTL12                                          SEND TO SITE
  WVUTL4                                           SEND TO SITE

PARAMETER DEFINITION:                           ACTION:
  WV BREAST IMAGE TERM LINKING                     SEND TO SITE
  WV MAIL GROUP ISSUE                              SEND TO SITE

REMOTE PROCEDURE:                               ACTION:
  WVRPCOR COVER                                    SEND TO SITE

REQUIRED BUILDS:                                ACTION:
  WV*1.0*24                                        Don't install, leave global
```

```
PACKAGE: PXRM*2.0*71     Sep 30, 2021 9:22 am                          PAGE 1
--------------------------------------------------------------------------------
          TYPE: SINGLE PACKAGE              TRACK NATIONALLY: YES
NATIONAL PACKAGE: CLINICAL REMINDERS        ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Sep 29, 2021

     DESCRIPTION:

ENVIRONMENT CHECK:                          DELETE ENV ROUTINE:
 PRE-INIT ROUTINE: PRE^PXRMP71I        DELETE PRE-INIT ROUTINE: No
POST-INIT ROUTINE: POST^PXRMP71I       DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

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

801.41      REMINDER DIALOG           YES   YES   NO                  NO
Partial DD: subDD: 801.41143  fld: 1

811.4       REMINDER COMPUTED FINDINGS  NO   NO   YES    OVER  NO    NO
  DATA SCREEN: I $$INCCF^PXRMP71I($P($G(^PXRMD(811.4,Y,0)),U,1))

811.8       REMINDER EXCHANGE          NO   NO   YES    OVER  NO    NO
  DATA SCREEN: I $$EXFINC^PXRMEXSI(Y,"EXARRAY","PXRMP71I")

INPUT TEMPLATE:                             ACTION:
  PXRM EDIT GROUP    FILE #801.41              SEND TO SITE
  PXRM EDIT NATIONAL DIALOG    FILE #801.41    SEND TO SITE

ROUTINE:                                    ACTION:
  PXRMCALT                                   SEND TO SITE
  PXRMCOPY                                   SEND TO SITE
  PXRMCWH                                    SEND TO SITE
  PXRMCWH1                                   SEND TO SITE
  PXRMDGFC                                   SEND TO SITE
  PXRMDLED                                   SEND TO SITE
  PXRMDLG4                                   SEND TO SITE
  PXRMDUTL                                   SEND TO SITE
  PXRMEXU4                                   SEND TO SITE
  PXRMGEV                                    SEND TO SITE
  PXRMGEVA                                   SEND TO SITE
  PXRMNTFY                                   SEND TO SITE
  PXRMORCH                                   SEND TO SITE
  PXRMP71I                                   SEND TO SITE
  PXRMPLAB                                   SEND TO SITE
  PXRMPRAD                                   SEND TO SITE
  PXRMRPCG                                   SEND TO SITE
  PXRMRUL1                                   SEND TO SITE

REQUIRED BUILDS:                            ACTION:
  PXRM*2.0*75                                Don't install, leave global
  PXRM*2.0*42                                Don't install, leave global
```

```
PACKAGE: PSO*7.0*622      Sep 30, 2021 9:22 am                          PAGE 1
-------------------------------------------------------------------------------
            TYPE: SINGLE PACKAGE                  TRACK NATIONALLY: YES
NATIONAL PACKAGE: OUTPATIENT PHARMACY          ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Sep 29, 2021


    DESCRIPTION:
See the Forum patch description.

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

ROUTINE:                                     ACTION:
   PSODEM                                       SEND TO SITE
   PSOLMPAT                                     SEND TO SITE
   PSOLMUTL                                     SEND TO SITE
   PSOORRL                                      SEND TO SITE
   PSOORRL3                                     SEND TO SITE
   PSOORRLN                                     SEND TO SITE
   PSOORRLO                                     SEND TO SITE
   PSOORUT2                                     SEND TO SITE
   PSORXEDT                                     SEND TO SITE
   PSORXVW                                      SEND TO SITE

PROTOCOL:                                    ACTION:
   PSO HIDDEN ACTIONS                           USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS
   PSO HIDDEN ACTIONS #1                         USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS
   PSO HIDDEN ACTIONS #2                         USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS
   PSO HIDDEN ACTIONS #3                         USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS
   PSO LM PAT PREG/LACT DISPLAY                 SEND TO SITE
   PSO PMP HIDDEN ACTIONS MENU #2               USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS

REQUIRED BUILDS:                             ACTION:
   PSO*7.0*381                                  Don't install, leave global
   PSO*7.0*564                                  Don't install, leave global
   PSO*7.0*468                                  Don't install, leave global
   PSO*7.0*504                                  Don't install, leave global
   PSO*7.0*556                                  Don't install, leave global
```

```
PACKAGE: TIU*1.0*341     Sep 30, 2021 9:22 am                              PAGE 1
-------------------------------------------------------------------------------
            TYPE: SINGLE PACKAGE               TRACK NATIONALLY: YES
NATIONAL PACKAGE: TEXT INTEGRATION UTILITIES    ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Sep 29, 2021


    DESCRIPTION:
This patch addresses issues identified during the CPRS v31b deployment.
Refer to the patch description for a comlete list of issues that are
addressed.

ENVIRONMENT CHECK:                              DELETE ENV ROUTINE:
 PRE-INIT ROUTINE:                         DELETE PRE-INIT ROUTINE:
POST-INIT ROUTINE: POST^TIU341P           DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

ROUTINE:                                 ACTION:
   GMRPNCW                                 SEND TO SITE
   TIU341P                                 SEND TO SITE
   TIUCROBJ                                SEND TO SITE
   TIULO                                   SEND TO SITE
   TIUUTL                                  SEND TO SITE

REQUIRED BUILDS:                         ACTION:
   TIU*1.0*290                             Don't install, leave global
   TIU*1.0*204                             Don't install, leave global
   TIU*1.0*120                             Don't install, leave global
Type <Enter> to continue or '^' to exit:
```

```
PACKAGE: OR*3.0*498     Sep 30, 2021 9:22 am                             PAGE 1
--------------------------------------------------------------------------------
            TYPE: SINGLE PACKAGE                  TRACK NATIONALLY: YES
NATIONAL PACKAGE: ORDER ENTRY/RESULTS REPORTING  ALPHA/BETA TESTING: NO
DATE DISTRIBUTED: Sep 29, 2021

    DESCRIPTION:

ENVIRONMENT CHECK:                              DELETE ENV ROUTINE:
 PRE-INIT ROUTINE: PRE^OR498P           DELETE PRE-INIT ROUTINE: No
POST-INIT ROUTINE: POST^OR498P          DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN:
  RESTORE ROUTINE:

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

100.9      OE/RR NOTIFICATIONS          YES  NO    YES     OVER  YES   NO
  DATA SCREEN: I $$SENDNOT^ORY498($P(^(0),U))

ROUTINE:                                     ACTION:
   ORB3U1                                     SEND TO SITE
   ORB3U2                                     SEND TO SITE
   ORB3USER                                   SEND TO SITE
   ORBSMART                                   SEND TO SITE
   ORCACT01                                   SEND TO SITE
   ORDEBUG                                    SEND TO SITE
   ORDV02A                                    SEND TO SITE
   ORDV06B                                    SEND TO SITE
   ORLPREM                                    SEND TO SITE
   ORPDMPNT                                   SEND TO SITE
   ORPDMPWS                                   SEND TO SITE
   ORS100C                                    SEND TO SITE
   ORSMART                                    SEND TO SITE
   ORWDRA32                                   SEND TO SITE
   ORWDXM1                                    SEND TO SITE
   ORWDXM3                                    SEND TO SITE
   ORWORB                                     SEND TO SITE
   ORWPCE3                                    SEND TO SITE
   ORWPS                                      SEND TO SITE
   ORWRP                                      SEND TO SITE
   ORY498                                     SEND TO SITE

OPTION:                                      ACTION:
   OR CS ORDER ANOMALIES                      SEND TO SITE
   OR PARAM COORDINATOR MENU                  USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS

PARAMETER DEFINITION:                        ACTION:
   OR CPRS DEBUG EMAIL                        SEND TO SITE
   ORQQTIU COPY/PASTE IDENT                   SEND TO SITE

REQUIRED BUILDS:                             ACTION:
   OR*3.0*413                                 Don't install, leave global
   OR*3.0*512                                 Don't install, leave global
   OR*3.0*519                                 Don't install, leave global
   PSS*1.0*238                                Don't install, leave global
```