



Clinical Reminders

CPRS: Integration with Women's Health

Patches:
PXR*2.0*1
WV*1.0*16
LR*5.2*311
OR*3.0*210

INSTALLATION and SETUP GUIDE

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Revision History

Date	Page #	Description
March 25, 2005	15	Modified step 9, to remove printing to a printer. Added the following text: “Do not queue the installation. Because the installation contains questions requiring responses, queuing will stop the installation.”

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Introduction

Overview of the WH Reminders Project

This WH Reminders project provides a combined build consisting of the following Install(s):

WV*1.0*16
LR*5.2*311
OR*3.0*210
PXR*2.0*1

Background to “CPRS: Integration with Women’s Health” Project

The CPRS: Integration with Women’s Health project has been designed to fulfill the following VHA policy.

“It is VHA policy to provide a nationwide tracking system to ensure that consistent mammography and cervical screening follow-up is achieved and that patients have been properly notified of the test results.”

To meet the data requirements of this policy, the Women’s Health software was developed (Indian Health Service software was modified to be consistent with VA policy and VistA architecture). However, none of the information contained within the WH software interfaces with CPRS.

Therefore, it is the goal of the Women’s Veterans Health Program to enable CPRS, in its existing Clinical Reminders package, to interface with the Women’s Health VistA package. CPRS: Integration with Women’s Health (referred to in this manual as WH Reminders) accomplishes this goal.

Benefits:

- Enables capture of a greater percentage of data than is currently entered into the Women’s Health VistA package.
- Eliminates the duplication of entering the identical data into both systems, while still allowing the Women’s Health package to perform its tracking and notification functions.
- Significantly reduces discrepancies between WH data and data collected by Clinical Reminders.
- Results in a signed progress note documenting the WH Mammogram and Pap Smear-related care and patient notifications.

The data captured will be used to automatically update the Women’s Health package, which allows continuation of Women’s Health Software reporting functionality.

The Mammogram Screening reminder replaces the following national reminders relating to mammograms and breast cancer screening:

VA-*BREAST CANCER SCREEN - rescinded 12/15/2003
VA-MAMMOGRAM - rescinded 12/15/2003

The Pap Screening reminder replaces the following national reminders relating to PAP smears and cervical cancer screening:

VA-*CERVICAL CANCER SCREEN
VA-PAP SMEAR

Description of patches in build

CPRS: Integration with Women's Health is distributed in a combined build that consists of the following patches: PXRM*2.0*1, WV*1.0*16, LR*5.2*311, and OR*3.0*210.

PXRM*2.0*1 adds four new reminders and dialogs, several new/revised taxonomies, and many new reminder terms, health factors, and computed findings to support the CPRS Integration with Women's Health project. There are also several new entries for the WV NOTIFICATION PURPOSE file that need to be installed so references to these notifications can be resolved during reminder installation.

The patch installation takes advantage of the reminder exchange utility and installs the reminders into the host system "silently." During reminder installation, you may be prompted for orders – you will need to substitute your local quick orders. See the table in the setup section for quick orders that are needed.

WV*1.0*16

This patch adds functionality that allows the Women's Health (WH) package to send data to the Clinical Reminders (CR) package to resolve Mammogram and Pap Smear reminders. Also, the CR package will be able to send data to the WH package to update the WH database.

Patch 16 introduces a new option, Link Pap Smear with SNOMED Codes [WV PAP SMEAR SNOMED CODES], which is added to the File Maintenance Menu, and also modifies several options: Edit Site Parameters [WV EDIT SITE PARAMETERS] option adds two new prompts: Update Result/Dx Field? and Update Treatment Needs? The Add/Edit a Notification Purpose & Letter [WV ADD/EDIT NOT PURPOSE&LETTER] option is modified to add four new prompts.

See Appendix D for complete details about the changes introduced by Patch 16.

Introduction, cont'd

Description of patches in build, cont'd

LR*5.2*311

1) Currently the ADD^LRWOMEN utility notifies a Women's Health package utility whenever a Cytology or Surgical Pathology report is verified for a female patient. This functionality was provided with LR*5.2*231.

After installation of patch LR*5.2*311, the ADD^LRWOMEN utility will also notify a new CPRS utility (LAB^ORB3LAB) for all patients, not just female patients. Integration Agreement #4287 grants the LABORATORY package permission to call the ORB3LAB routine.

2) The code in the MOVE entry point of the LRWOMEN routine was replaced with a QUIT command. With the release of LR*5.2*259, this entry point is no longer called. The entry point will be deleted in a future patch.

OR*3.0*210 adds three new notification/alerts:

#69 - Mammogram Results

#70 - Pap Smear Results

#71 - Anatomic Pathology Results

All three alerts are informational (no follow-up action). Alerts 69 and 70 are sent to providers and/or designated recipients when radiology and lab results are available. Alert 71 (Anatomic Pathology Results) will be sent to the practitioner requesting the AP procedure if that user has the notification/alert enabled (turned on). Alerts 69 and 70 are triggered within the Women's Health package and are intended to support that package. Alert 71 is triggered within the Lab package.

These notification/alerts are exported with a deletion parameter value of "Individual Recipient." This means the alert will be deleted for each recipient individually.

NOTE: All alerts are exported in a disabled state; sites will need to go into the CPRS Manager Menu (CPRS Configuration (Clin Coord)/Notification Mgmt Menu) to enable these alerts – at a system, site, location, or individual level.

Introduction

These steps are described in more detail in the Setup section of this manual

Impact on Sites

- **Setup and implementation by local team**

The following steps are required after the reminders have been installed on the system:

1. Sites will need to determine if the review reminders should be released to the field. If a site is not set up for automatic update of WH, these reminders will not come due, so releasing the review reminders and dialogs might be confusing.

The VA-WH PAP SMEAR REVIEW RESULTS reminder will only come due if all of the following are true:

- PAP smear results are recorded and verified in VistA Lab package
- VistA Lab package uses SNOMED codes
- WH package has SNOMED codes mapped to the codes used by the VistA Lab package
- WH parameters are set up to automatically receive VistA Lab results when the PAP smear procedure is verified and released

The VA-WH MAMMOGRAM REVIEW RESULTS reminder will only come due if all of the following are true:

- Mammogram results are recorded and verified in VistA Radiology package
- WH parameters are set up to automatically receive VistA Radiology results when the mammogram procedure is verified and released, and status of received mammogram result is set to OPEN

Introduction

These steps are described in more detail in the Setup section of this manual.



TIP:

We strongly recommend that you complete the Pre-Installation Worksheet on Page 12 before installing the software.

Impact on Sites

- **Setup and implementation by local team, cont'd**
 2. Clinicians and CPRS/Reminder CACs will need to be informed about the new reminders and dialogs, the procedure clinical interpretation updates, and new patient notification tracking features.
 3. Reminder CACs will need to map certain national Reminder Terms to identify local processing for documenting Pap Smears and Mammograms in PCE.
 4. Reminder CACs will need to create quick orders for PAP smears and Mammograms, if needed. If these orders are created prior to reminder installation, sites will be able to associate their local orders with the dialogs at the time of installation. If the orders are not created before, sites will have to edit the reminder dialogs after installation to add references to local orders.
 5. The Women's Health Case Manager will need to understand the impact on WH files and the impact on the case manager's normal work processing due to WH data entered from the CPRS GUI. This project updates some data in the WH package, not all of it. A case manager will be required to set up parameters and to monitor printing of notifications.
 6. Reminder CACs and Women's Health Case Managers will need to agree on notification methods, printers, etc., and set these up, as needed.

See the Pre-Installation Worksheet on Page 12; this should be completed before installing the combined build for this project.

Introduction

Purpose of This Guide

This Installation and Setup Guide is designed to help you prepare your site for the installation and implementation of the Women’s Health Reminders. It includes detailed information such as system requirements, installation time estimates and instructions, and procedures that will get you up and running with this project.

Our Target Audience

We have developed this guide for the following individuals, who are responsible for installing, supporting, maintaining, and testing this package:

- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC)
- Enterprise VISTA Support (EVS)
- Software Quality Assurance (SQA)

Documentation Retrieval

Your site can retrieve the Clinical Reminders V. 2.1 documentation from the Anonymous directories. The preferred method is to “FTP” the files from download.vista.med.va.gov. This location automatically transmits files from the first available FTP Server to the appropriate directory on your system. Use binary mode.

Note: If you prefer, you can retrieve the software *directly* from one of the FTP Servers, listed below, under the FTP Address column.

Other Sources of Information

You can also retrieve documentation from the following websites:
<http://vista.med.va.gov/reminders> Clinical Reminders Main Web page.
<http://www.va.gov/vdl> the VISTA Documentation Library (VDL).

FTP Addresses Available for Downloading Clinical Reminders Documentation

OI Field Office	FTP Address	Directory
Albany	REDACTED	REDACTED
Hines	REDACTED	REDACTED
Salt Lake City	REDACTED	REDACTED

Pre-Installation Information

Minimum Required Packages

Before installing the WH Reminders build, make sure that your system includes the following software packages and versions (those listed or higher).

Minimum Required Packages and Versions

Package	Namespace	MINIMUM VERSION NEEDED	Required Patches
Clinical Reminders	PXRM	2.0	PXRM*1.5*12
CPT	ICPT	6	
HL7	HL	1.6	
ICD	ICD	18	
Kernel		8.0	
Lexicon	LEX	2.0	
MailMan	XM	8.0	XM*8.0*16 – Mailman/HL7 Messaging XM*DBA*154
Order Entry /Results Reporting	OR	3.0	OR*3.0*195
Radiology/Nuclear Medicine	RA	5.0	
Text Integration Utilities	TIU	1.0	TIU*1.0*112 TIU*1.0*113
VA FileMan	DI	22.0	

Installation Time Estimates



NOTE: You should install and test the CPRS-WH combined build in your test accounts **before** installing in your production accounts.

On average, it takes approximately fifteen minutes to install PXRM V. 2.0*1 and the combined build. This estimate was provided by a few of our beta test sites. Actual times may vary, depending on how your site is using its system resources.

Suggested time to install: non-peak requirement hours. During the install process, Clinical Reminders users should not be accessing the Software.

Pre-Installation Information

Files Required to Run the WH Reminders application

Files installed

790.02 WV SITE PARAMETER
790.1 WV PROCEDURE
790.2 WV PROCEDURE TYPE
790.404 WV NOTIFICATION PURPOSE
100.9 OE/RR NOTIFICATIONS
801.41 REMINDER DIALOG
801.42 REMINDER GUI PROCESS
801.45 REMINDER FINDING TYPE PARAMETER
811.8 REMINDER EXCHANGE FILE

Note: You can learn more about these files by generating a list with file attributes using VA FileMan.

Pre and Post-Install Routines Installed

PXRMCWH
PXRMTWHPI
PXRMTWHEV

PXRMTWHPI has both the pre and post-install calls:

PRE-INIT ROUTINE : PRE^PXRMTWHPI
POST-INIT ROUTINE : POST^PXRMTWHPI

Pre-Installation Information

Routines Installed

Note: You can use the *Kernel First Line Routine Print* [XU FIRST LINE PRINT] option to print a list containing the first line of each PXR routine.

Routine Mapping

At this time, we do *not* offer any recommendations for routine mapping. However, if you choose to map the Clinical Reminders V. 2.0 package routines, you will need to bring your system down, and then restart it to load the new routines into memory.

Pre-Installation

Pre-Install Worksheet

During the installation of the combined build, you will be prompted for many Order Dialog names, since these can't be installed via KIDS. To make this easier, we recommend that you complete the worksheet below prior to the install. Fill in the blanks with Order Dialog names – either ones that already exist at your site, or placeholders until you can create appropriate order dialog elements. Coordination among ADPACs, CACs, and representatives from Radiology, Women's Health, and Clinical Reminders will help facilitate this.

Suggestion: You may want to create one dummy quick order, use it for every quick order prompt during the installation, and then replace the dummy orders with actual quick orders later.

The WV Notification Purpose file should be installed before the reminders (i.e., so the dialogs can find the entries they need at load time.

Example prompt

```
Installing reminder VA-WH MAMMOGRAM REVIEW RESULTS  
  
ADDITIONAL FINDING entry      Q.WH BREAST ULTRASOUND - UNILATERAL does not exist.  
Replace (in the reminder/dialog) with an existing entry  
Select ORDER DIALOG NAME _____  
.   
.
```

Pre-Install Worksheet

This chart should be used as a worksheet by the CAC **prior** to the installation.

Reminder	Dialog Element	File Reference for Entry	Your dialog entry
VA-WH MAMMOGRAM REVIEW RESULTS	Q.WH BREAST ULTRASOUND-UNILATERAL	Quick Order in Order file #100	
	Q.WH BREAST ULTRASOUND - BILATERAL	Order file #100	
	Q.WH MAMMOGRAM - UNILATERAL	Order file #100	
	Q.WH MAMMOGRAM - BILATERAL	Order file #100	
VA-WH MAMMOGRAM SCREENING	RP.MAMMOGRAM BILAT	Rad/Nuc Med Procedure file #71	
	RP.MAMMOGRAM BILAT SCREEN	Rad/Nuc Med Procedure file #71	
	RP.MAMMOGRAM UNILAT	Rad/Nuc Med Procedure file #71	
	RP.MAMMOGRAM BILAT	Rad/Nuc Med Procedure file #71	
	RP.MAMMOGRAM UNILAT	Rad/Nuc Med Procedure file #71	
	Q.WH REFER TO WOMEN'S HEALTH CLINIC	Order file #100	
	Q.WH MAMMOGRAM - UNILATERAL	Order file #100	
	Q.WH MAMMOGRAM - BILATERAL	Order file #100	
	Q.WH MAMMOGRAM – BILATERAL <u>SCREEN</u>	Order file #100	
VA-WH PAP SMEAR REVIEW RESULTS	Q.WH CERVICAL ORDERS	Order file #100	
	Q.WH PAP SMEAR REPEAT CONSULT	Order file #100	Consult – repeat PAP smear Consult – colposcopy
VA-WH PAP SMEAR SCREENING	Q.WH REFER TO WOMEN'S HEALTH CLINIC	Order file #100	

Installation

Installation Order:

Install the software in this order:

PXRM*1.5*12	CR Index Global
PXRM*2.0	Clinical Reminders v2.0
WV_PXRM_CPRS_INTEGRATION.KID	Combined build

This Global Transport contains patches:

WV*1.0*16
LR*5.2*311
OR*3.0*210
PXRM*2.0*1

The install needs to be done by a person with DUZ(0) set to "@."

Installation Information

Installation Instructions

IMPORTANT:

You should install and test Clinical Reminders 2.0..1 in your test accounts **before** installing in your production accounts.

Perform the steps that follow to download the combined build, WV_PXRM_CPRS_INTEGRATION.KID from an FTP Server. Then you will be ready to use this section for loading the Kernel Installation & Distribution System (KIDS) Distribution file, and for installing PXRM V. 2.0 on to the VISTA Server.

Task 1: Download WV_PXRM_CPRS_INTEGRATION Software

1. Download the Host File WV_PXRM_CPRS_INTEGRATION.KID from an FTP Server using an address listed in the table below.

The preferred method is to “FTP” the files from **REDACTED**

. This location automatically transmits files from the *first* available FTP Server. (See the order listed below under the FTP Address column).

- .EXE or .PDF files need to be FTP in BINARY.
- KIDS Build needs to be FTP in ASCII.

Note: If you prefer, you can retrieve the software *directly* from one of the FTP Servers, listed below, under the FTP Address column.

2. Move the files to the appropriate directory on your system.

Example: FTP Addresses Available for Downloading WV_PXRM_CPRS_INTEGRATION.KID Software

OI Field Office	FTP Address	Directory
Albany	REDACTED	REDACTED
Hines	REDACTED	REDACTED
Salt Lake City	REDACTED	REDACTED

Installation Information

VISTA Server Installation Instructions (cont.)

Suggested time to install:
non-peak requirement
hours.

Task 2: Load the KIDS Distribution File

Perform the steps listed below to load the KIDS Distribution file.

1. Sign in to the UCI where the KIDS Distribution file will be loaded and PXR V. 2.0*1 will be installed.
2. At the “Select OPTION NAME:” prompt, type **XPD MAIN**, and then press **ENTER**.
3. At the “Select Kernel Installation & Distribution System Option:” prompt, type **INSTALLation**, and then press **ENTER**.
4. At the “Select Installation Option:” prompt, type **Load a Distribution**, and then press **ENTER** to prepare for loading the KIDS Distribution file.
5. At the “Enter a Host File:” prompt, type **the directory where you have stored the Host File**, followed by **WV_PXR_CPRS_INTEGRATION.KID**. Then press **ENTER**.
6. At the “Want to Continue with Load YES//?” prompt, press **ENTER**. The system then loads the file to this location.

Task 3: Install WV_PXR_CPRS_INTEGRATION

During the install process, Clinical Reminders users should not be accessing the software.

1. Request that all Clinical Reminders users log off CPRS.
2. Review mapped sets for PXR* namespaces.
3. If the routines are mapped, remove them from the mapped set at this time.
4. Back up your system. This step is optional, but recommended.
5. At the “Select INSTALL NAME:” prompt, type **WV*1.0*16** and then press enter to install the combined build.

Installation Information

Installation Instructions (cont.)

NOTE:
Do NOT queue the installation!
Because this installation contains questions requiring responses, queuing will stop the installation.

Task 3: Install WV_PXRM_CPRS_INTEGRATION (cont.)

6. At the “Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//” prompt, type NO, and then press enter.
7. At the “Want KIDS to INHIBIT LOGONs during the install? YES//” prompt, type NO, and then press enter.
8. At the “Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//” prompt, type YES.

When asked what options to put out of order, respond with:

GMTS*
PXRM*
IBDF PRINT*
OR CPRS GUI CHART
ORS HEALTH SUMMARY

When asked what protocols to place out of order, respond with:

ORS AD HOC HEALTH SUMMARY
ORS HEALTH SUMMARY
PXRM PATIENT DATA CHANGE

9. At the “DEVICE:” prompt, press enter to use the default device HOME (the screen) for printing the Installation message.
10. If routines were unmapped as part of the installation process, return them to the mapped set once the installation of PXRM* 2.0*1 is completed.

Post-Installation Procedures

NOTE See Appendix C for an example of installing missing reminders or dialogs through Reminders Exchange

1. Verify correct installation of the packed reminders.

The post-install routine, POST^PXRMWHP, installs the packed reminders into your Exchange File. If you discover that the reminders didn't get installed, you can use the Reminders Exchange options on the Reminders Manager Menu to install the "packed" reminders. See Appendix C for an example of installing via Exchange.

- a. Using *Inquire about Reminder Definition* on the Reminder Management Menu, ensure that the four reminder definitions have been installed. Review the reminders to become familiar with the definitions and terms.

```
Select Reminder Managers Menu Option: RM  Reminder
Definition Management
    RL    List Reminder Definitions
    RI    Inquire about Reminder Definition
    RE    Add/Edit Reminder Definition
    RC    Copy Reminder Definition
    RA    Activate/Inactivate Reminders
Select Reminder Definition Management Option: RI  Inquire
about Reminder Definition
Select Reminder Definition: VA-WH
```

You cannot make changes to these National reminders. You may copy the national reminder to a local reminder definition name and make any changes necessary.

Post-Installation Procedures (cont'd)

- b. Using the Term Inquiry option on the Term Management Menu, verify that the following terms are on your system:

Mammogram Terms

1. VA-TERMINAL CANCER PATIENT
2. VA-WH BILATERAL MASTECTOMY
3. VA-WH BREAST CARE ORDER HEALTH FACTOR
4. VA-WH HX BREAST CANCER/ABNORMAL MAM
5. VA-WH MAMMOGRAM ORDER
6. VA-WH MAMMOGRAM PENDING REVIEW
7. VA-WH MAMMOGRAM SCREEN DEFER
8. VA-WH MAMMOGRAM SCREEN DONE
9. VA-WH MAMMOGRAM SCREEN FREQ - 1Y
10. VA-WH MAMMOGRAM SCREEN FREQ - 2Y
11. VA-WH MAMMOGRAM SCREEN FREQ - 4M
12. VA-WH MAMMOGRAM SCREEN FREQ - 6M
13. VA-WH MAMMOGRAM SCREEN IN RAD PKG
14. VA-WH MAMMOGRAM SCREEN IN WH PKG
15. VA-WH MAMMOGRAM SCREEN NOT INDICATED
16. VA-WH MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG

Pap Smear Terms

1. VA-WH HX CERVICAL CANCER/ABNORMAL PAP
2. VA-WH HYSTERECTOMY
3. VA-WH PAP SMEAR DONE
4. VA-WH PAP SMEAR OBTAINED
5. VA-WH PAP SMEAR ORDER
6. VA-WH PAP SMEAR ORDER HEALTH FACTOR
7. VA-WH PAP SMEAR PENDING REVIEW
8. VA-WH PAP SMEAR SCREEN DEFER
9. VA-WH PAP SMEAR SCREEN FREQ - 1Y
10. VA-WH PAP SMEAR SCREEN FREQ - 2Y
11. VA-WH PAP SMEAR SCREEN FREQ - 3Y
12. VA-WH PAP SMEAR SCREEN FREQ - 4M
13. VA-WH PAP SMEAR SCREEN FREQ - 6M
14. VA-WH PAP SMEAR SCREEN IN LAB PKG
15. VA-WH PAP SMEAR SCREEN IN WH PKG
16. VA-WH PAP SMEAR SCREEN NOT INDICATED

VA FileMan Print from the Reminder Term File

You can also run a VA FileMan Print from the Reminder Term File (#811.5) that sorts by name, and then prints name, finding, and condition. This is a useful list, especially when needing to map many tests and you're not sure what values have been defined.

Post-Installation Procedures (cont'd)

See Appendix C for an example of installing via Exchange if the dialogs weren't installed with the KID build.

c. Verify that the following dialogs are installed on your system.

- 1) VA-WH MAMMOGRAM SCREENING
- 2) VA-WH MAMMOGRAM REVIEW RESULTS
- 3) VA-WH PAP SMEAR SCREENING
- 4) VA-WH PAP SMEAR REVIEW RESULTS

```

Select Reminder Managers Menu Option: DM  Reminder Dialog Management
DP      Dialog Parameters ...
DI      Reminder Dialogs
-----
Select Reminder Dialog Management Option: DI  Reminder Dialogs

Dialog List                               Jan 23, 2004@09:58:45           Page:   1 of   19
REMINDER VIEW (ALL REMINDERS BY NAME)

Item Reminder Name                        Linked Dialog Name & Dialog Status
  1  A A BLOOD EXPOSURE                    DIABETIC EXAM DIALOG
  2  A NEW REMINDER                        A NEW REMINDER                               Disabled
  3  AGETEST                               VA-HEPC AUTOGENERATE TEST
  4  ANY CHOLESTEROL SCREEN (M)            ANY CHOLESTEROL SCREEN (M
  5  ANY'S ANNUAL FLU SHOOT                ANY'S ANNUAL FLU SHOOT

+      Enter ?? for more actions                                     >>>
AR  All reminders          LR  Linked Reminders          QU  Quit
CV  Change View           RN  Name/Print Name
Select Item: Next Screen// CV  Change View          Use CV - Change View to
                                                change to a Dialog view.

      Select one of the following:

          D      Reminder Dialogs
          E      Dialog Elements
          F      Forced Values
          G      Dialog Groups
          P      Additional Prompts
-----
          R      Reminders
          RG     Result Group (Mental Health)
          RE     Result Element (Mental Health)
-----

TYPE OF VIEW: R// D  Reminder Dialogs

Dialog List                               Jan 23, 2004@10:06:36           Page:   1 of   13
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)

Item Reminder Dialog Name                Source Reminder                Status
  1  571B                                SMOKING CESSATION EDUCATI
  2  Agetest                              Agetest                        Disabled
  3  BLOOD PRESSURE CHECK                 BLOOD PRESSURE CHECK          Linked
  4  DIABETIC EXAM DIALOG                 A A BLOOD EXPOSURE            Linked
  5  Diabetic Foot Inspection Exam        VISN 12 Diabetic Foot Ins     Linked
  6  EDUTEST                              EDUTEST                        Disabled

+      + Next Screen  - Prev Screen  ?? More Actions                                     >>>
AD  Add Reminder Dialog  PT  List/Print All          QU  Quit
CV  Change View          RN  Name/Print Name
Select Item: Next Screen// SL  SL
Search for: VA-WH
Use SL-Search List to jump
to the reminder dialogs
    
```

Post-Installation Procedures (cont'd)

c. (cont'd) Verify that the WH dialogs are installed on your system.

NOTE: Do not autogenerate dialogs for the reminders. Dialogs are included with the packed reminder installation.

Dialog List			Jan 23, 2004@09:59:11	Page: 12 of 13
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)				
+Item	Reminder Dialog Name	Source Reminder	Status	
189	VA-WH MAMMOGRAM REVIEW RESULTS	VA-WH MAMMOGRAM REVIEW RE	Linked	
190	VA-WH MAMMOGRAM SCREENING	VA-WH MAMMOGRAM SCREENING	Linked	
191	VA-WH PAP SMEAR REVIEW RESULTS	VA-WH PAP SMEAR REVIEW RE	Linked	
192	VA-WH PAP SMEAR SCREENING	VA-WH PAP SMEAR SCREENING	Linked	
193	VA-WV TEST ORDERS	ZZ-WH ABNORMAL PAP SMEAR		
194	VIAGRA (SILDENAFIL) INITIATION	Test	Linked	
195	WPBTEST	WPBTEST	Disabled	
+ Enter ?? for more actions			>>>	
Find Next 'VA WH'? Yes// no				

Setup Guide

Setup Overview

Project Goals

- Enable CPRS GUI to interface with the Women's Health (WH) VistA package
- Update Pap Smear and Mammogram screening reminders
- Provide review reminders that store clinical review results in the WH package.
Review reminders will only work if the data automatically updates WH from the Lab and Radiology package (requires setup in WH package). Procedures entered manually into WH will not make the review reminders due.
- Provide dialogs for the screening and review reminders clinicians can use to document PAP & mammogram procedures

The VA-WH reminders have been developed to interface with the Women's Health package. The associated reminder dialogs will update the WH package at the same time that clinical care is recorded in CPRS GUI, thus eliminating the need for dual data entry.

Setup Guide

Women's Health Package

Overview of Women's Health Package

Patient Management - manage individual patient care

- Maintain date of the next procedure (PAP smear & mammogram)
- Track the patient's individual procedures: the date performed, the provider and clinic, the results or diagnosis
- Track notifications (letters, in person, phone calls)
- Maintain a file of form letters that may be edited and personalized for a clinic's particular needs
- Queue reminder letters months in advance of a future appointment, print and mail shortly before the tentative appointment

Manager's Functions - provide the ADPAC with a set of utilities for configuring the software to the specific needs of the site

- Maintain site-specific parameters
- Maintain the text of form letters and notifications
- Print notification letters
- Determine how and when letters get printed
- Map SNOMED codes to those SNOMED codes used by the VistA Lab package for PAP smear procedures

Print Now versus Queue to Print during next Batch Run – Default is to print during next batch run in WH unless Print Now is selected.

NOTE:

Your site can choose whether to include the Print Now checkbox on review reminder dialogs. This can be set with a new option on the CPRS Reminder Configuration menu: PXR
M
WH PRINT NOW

The default will be not to display the Print Now checkbox.

Setup Guide

NOTE: If your site doesn't use the Women's Health package:

Only the screening reminders can be used; you won't be able to use the review reminders.

The WH package should be installed and WH SNOMED codes should be mapped to SNOMED codes used by the VistA Lab package to represent PAP smear results. This is required for the new Lab computed finding to resolve the VA-WH PAP SMEAR SCREENING reminder.

NOTE: Lab entries must have SNOMED codes entered in the TOPOGRAPHY multiple for the WH code to process correctly and receive an alert. If SNOMED codes are not entered in the TOPOGRAPHY multiple, WH will process the lab entry the old way by sending a MailMan message to the WH user - no CPRS alert is sent.

1. Set up Women's Health Package

In order for reminders to interface with the Women's Health (WH) package, the WH package must be installed and maintained. Specific features of WH that must be in place in order for these reminders to work as designed include the following:

On the File Maintenance Menu [WV MENU-FILE MAINTENANCE]:

1. Add at least one case manager (**Required**)
Option: *Add/Edit Case Managers*
2. Add your facility (**Required**)
3. Identify the default case manager. This person is someone you added via the Add/Edit Case Manager option (#1) (**Required**)
4. If you are going to really use the WH package, answer the other prompts on page 1 also. You must reply "yes" to both 'Update Result/Dx Field?' and 'Update Treatment Needs?' prompts. This will allow the Reminder Dialogs to update the WH package.
5. On page 2, answer 'Yes' to the 'Import Mammograms from Radiology' and 'Import Tests from Laboratory' prompts. This turns on the link to the radiology/NM and Lab packages. You also need to set 'Status Given to Imported Mammograms' to "OPEN." (See note below) This ensures that you get results at least for veterans. (**Required**)
Option: *Edit Site Parameters (Required)*
6. Add the Morphology and Topography codes that your Lab uses to result pap smears.
Option: *Link Pap Smear with SNOMED Codes (Required)*
7. Create and customize the letters you want to send to your patients (**Optional**)
Option: *Add/Edit a Notification Purpose & Letter*

Note: A mammogram procedure in the WH package with the status of "Open" will cause the MAMMOGRAM REVIEW reminder to be due. This will prompt the clinician to review the results and document them in a progress note. If the status is set to "Closed" when the results are entered into the WH package, the MAMMOGRAM REVIEW reminder will not be due. Note that the WH mammogram review reminder will not be due if the WH package is set up to assign a diagnostic code to a mammogram as it is loaded from Radiology. The WH package sees a procedure as "Pending" review (which triggers the review reminder) if the status is OPEN and the Result/Diagnosis field is blank.

If Result/Diagnosis is filled in when the mammogram is loaded into WH, then WH thinks it has been reviewed and won't send Reminders the "Pending" status.

Setup Guide

WH Package Setup, cont'd

Alternate Setup

For sites who would like to use the Notification functionality and receive alerts without actively using the WH package, the following actions need to take place:

- Have the WH package activated and populated with women veterans.
- Assign a phony name for the WH Coordinator
- Set the parameters in the WH package as in the example below.

By taking this action, the “Next Need” field doesn’t get set, but the notification letter is still sent to be printed at the location identified under “Print Now.” If “Print Now” is not selected, the letter is sent to the WH queue for printing and the progress note indicates the letter was sent to the WH package for printing.

To receive “Alerts” – Based on the changes made in the parameters set above, the results will be sent to the phony name created and to the “Provider” requesting the result.

Example: To receive alerts without using the WH package

```
* * * EDIT SITE PARAMETERS FOR ..... HCS * * *  
  
-----  
Default Case Manager: WHPROVIDER,THREE  
Ask Case Manager: NO  
  
Autoqueue Normal PAP Letters: NO  
PAP Result Normal Letter:  
Autoqueue Normal MAM Letters: NO  
MAM Result Normal Letter:  
  
Default #days to print letter:  
  
Update Result/Dx Field?: NO  
Update Treatment Needs?: NO  
  
-----  
RADIOLOGY: Import Mammograms from Radiology: YES  
Status Given to Imported Mammograms: OPEN  
Include ALL Non-Veterans (Y/N)?: YES  
ELIGIBILITY CODE(S) :  
  
LABORATORY: Import Tests from Laboratory: YES  
Include ALL Non-Veterans (Y/N)?: YES  
ELIGIBILITY CODE(S) :
```

Setup Guide

Women's Health Setup, cont'd

Women's Health File Maintenance Menu

Options used to set up parameters related to the CPRS/Reminders integration are highlighted in yellow.

Example: Women's Health File Maintenance Menu

```
PPL    Print Notification Purpose & Letter File
ESN    Edit Synonyms for Notification Types
OUT    Add/Edit Notification Outcomes
ESP    Edit Site Parameters
CM     Add/Edit Case Managers
TR     Transfer a Case Manager's Patients
AUTO Automatically Load Patients
RAD    Import Radiology/NM Exams
PRD    Print Results/Diagnosis File
ESR    Edit Synonyms for Results/Diagnoses
PSR    Print Synonyms for Results/Diagnoses
EDX    Edit Diagnostic Code Translation File
PDX    Print Diagnostic Code Translation File
RS     Add/Edit to Referral Source File
PAP  Link Pap Smear with SNOMED Codes
```

Select File Maintenance Menu Option: **auto** Automatically Load Patients

Setup Guide

Women's Health Setup, cont'd

1a. Edit Site Parameters

The highlighted fields are required for Review Reminders

ESP Edit Site Parameters

```
* * * EDIT SITE PARAMETERS FOR SALT LAKE CITY HCS * * *  
  
Default Case Manager: CRPROVIDER,TWO  
Ask Case Manager: YES  
  
Autoqueue Normal PAP Letters: NO  
PAP Result Normal Letter: PAP result NEM, next PAP 3Y  
Autoqueue Normal MAM Letters: NO  
MAM Result Normal Letter: MAM result NEM, next MAM 2Y  
  
Default #days to print letter: 30  
  
Update Result/Dx Field?: YES  
Update Treatment Needs?: YES  
  
(PAGE 1 OF 6)  
  
COMMAND: Press <PF1>H for help Insert  
  
* * * EDIT SITE PARAMETERS FOR SALT LAKE CITY HCS * * *  
  
RADIOLOGY: Import Mammograms from Radiology: YES  
Status Given to Imported Mammograms: OPEN  
Include ALL Non-Veterans (Y/N)? : YES  
ELIGIBILITY CODE(S) :  
  
LABORATORY: Import Tests from Laboratory: YES  
Include ALL Non-Veterans (Y/N)? : YES  
ELIGIBILITY CODE(S) :  
  
(PAGE 2 OF 6)  
  
COMMAND: Press <PF1>H for help
```

Setup Guide

Women's Health Setup, cont'd

NOTE: After all letter modifications have been made, determine where letters will print and who will be responsible for retrieving and mailing these.

1b. Set up Notification Letters

See Appendix E for an example of all the steps for customizing notification letters.

Edit Generic Letter in WV Letter File

The generic letter needs to be customized locally. This is done through file #790.6, WV Letter. Each facility needs to add its local site address and case manager information. Once this is done, you can edit letters for each of the Notification Purposes through the option AEP Add/Edit a Notification Purpose & Letter.

Go into VA FileMan, Enter or Edit File Entries, and select file 790.6. When prompted for letter, enter Generic.

```
Select OPTION: ENTER OR EDIT FILE ENTRIES
```

```
INPUT TO WHAT FILE: WV LETTER//  
EDIT WHICH FIELD: ALL//
```

```
Select WV LETTER: GENERIC SAMPLE LETTER  
LETTER: GENERIC SAMPLE LETTER Replace  
LETTER TEXT: . . .
```

```
    . . .  
35>  
36>  
37>  
38>   WHPROVIDER,THREE, LPN  
39>   Women's Health Program  
40>   phone: 666-7777  
41>  
42>  
43>   printed: |NOW|  
EDIT Option: List line: 1// to: 43//  
 1>|NOWRAP|  
 2>  
 3>|CENTER("Women's Health Clinic")|  
 4>  
 5>|CENTER(" 7 Your Street")|  
 6>  
 7>|CENTER("Your City, ST 77777")|  
 8>  
 9>  
10>   |TODAY|  
11>  
12>  
13>  
14>   |$P(NAME,"",2)| |$P(NAME,"")|  
15>   |COMPLETE ADDRESS|  
16>  
17>
```

These fields need to be modified.

These fields will be filled in when you print your letters.

|SSN#|

Setup Guide

Women's Health Setup, cont'd

1b. Notification letter setup, cont'd

Edit Generic Letter in WV Letter File, cont'd

```
18>
19>
20>
21>- -
22>
23>   Dear Ms. |$P(NAME," ",1)|,
24>
25>   The results of your recent Pap smear are something, something
26>   This is the body of the letter and should be edited to say wh
27>   you want for this Purpose of Notification.
28>
29>   It may go on to say: Your next something will be due one year
30>   now. At that time we will mail you a reminder letter, or you
31>   schedule the appointment yourself by calling our FamilyMedi c
32>   Clinic at 777-7777 or our Women's Clinic at 777-7777.
33>
34>   Sincerely,
35>
36>
37>
38>   WHPProvider, THREE, LPN
39>   Women's Health Program
40>   phone: 666-7777
41>
42>
43>   printed: |NOW|
EDIT Option:
```

This will be filled in when you print the letter.

This text is modified through the option Add/Edit Notification letters

Modify this text in FileMan – #790.6 WV Letter

Setup Guide

Women's Health Setup, cont'd

1b. Notification Letter Setup, cont'd

Add and Edit Notification Letters

Each letter (Notification Purpose) needs to be customized locally. The first time you use this option to edit each letter, enter Yes, to load your edited generic sample letter at the following prompt:

Do you wish to delete the old letter for this Purpose of Notification and replace it with the generic sample letter?

Enter Yes or No: NO// **Yes**

For subsequent letter-editing, enter No.

AEP Add/Edit a Notification Purpose & Letter Example

To edit the letter, tab to the "+" sign and press Enter.

```
Select WV NOTIFICATION PURPOSE: PAP result NEM
  1  PAP result NEM, next PAP 1Y.      PN1Y  ROUTINE
  2  PAP result NEM, next PAP 2Y      PN2Y  ROUTINE
  3  PAP result NEM, next PAP 3Y      PN3Y  ROUTINE
  4  PAP result NEM, next PAP 4M      PN4M  ROUTINE
  5  PAP result NEM, next PAP 6M      PN6MROUTINE
CHOOSE 1-5: 3 PAP result NEM, next PAP 3Y  PN3Y  ROUTINE

Do you wish to delete the old letter for this Purpose of Notification
and replace it with the generic sample letter?
Enter Yes or No: NO// Yes
```

The first time you use this option to edit letters, enter Yes, to load your edited generic sample letter. For subsequent letter-editing, enter No.

```

* * *  EDIT NOTIFICATION PURPOSE & LETTER  * * *

Purpose of Notification: PAP result NEM, next PAP 3Y
Active: YES
Synonym: PN3Y
Priority: ROUTINE          FORM LETTER (WP) : +

Result or Reminder Letter: RESULT
Associate with BR or CX Tx: CERVICAL

Breast Treatment Need:
Breast Treatment Due Date:
Cervical Treatment Need: Routine PAP
Cervical Treatment Due Date: 3Y
```

Setup Guide

Women's Health Setup, cont'd

1b. Notification Letter Setup, cont'd

Modify Default Letter Format to Customize for this Notification Purpose, cont'd

```
==[ WRAP ]==[ INSERT ]=====< LETTER TEXT >===== [ <PF1>H=Help
|NOWRAP|
|CENTER("Women's Health Clinic")|
|CENTER("123 Foothill Drive")|
|CENTER("Salt Lake City, UT 84108")|
|TODAY|
SSN: |SSN#|
| $P (NAME, ", ", 2) | | $P (NAME, ", ") |
|COMPLETE ADDRESS|
- - - - -
Dear Ms. | $P (NAME, ", ", 1) |,
The results of your recent Pap smear are NEM (no evidence of malignancy). Since you have
had NEM PAP smear results for the past 3 years, we do not need to perform another for 3
years
Your next PAP smear will be due three years from now. At that time we will mail you a
reminder letter, or you may schedule the appointment yourself by calling our Family
Medicine Clinic at 555-5555 or our Women's Clinic at 555-6666.
Sincerely,
WHPROVIDER, THREE
Women's Health Program
phone: 555-6666
printed: |NOW|
<=====T=====T=====T=====T=====T=====T=====T=====
```

Setup Guide

Women's Health Setup, cont'd

1b. Notification Letter Setup, cont'd

New Purposes of Notification (letter types) added with this patch

Letters for each of these Purposes of Notification need to be customized for local use.

See instructions in Appendix E for adding new Purposes as dialog elements.

```
CPRS UPDATE PAP TX NEED 4M
CPRS UPDATE PAP TX NEED 6M
CPRS UPDATE PAP TX NEED 3Y
CPRS UPDATE PAP TX NEED 2Y
CPRS UPDATE PAP TX NEED 1Y
CPRS UPDATE MAM TX NEED 1Y
CPRS UPDATE MAM TX NEED 2Y
CPRS UPDATE MAM TX NEED 6M
CPRS UPDATE MAM TX NEED 4M
MAM result NEM, next MAM 1Y
MAM result NEM, next MAM 2Y
MAM result NEM, next MAM 4M
MAM result NEM, next MAM 6M
MAM result abnormal, F/U MAM 4M
MAM result abnormal, F/U MAM 6M
PAP result NEM, next PAP 1Y
PAP result NEM, next PAP 2Y
PAP result NEM, next PAP 3Y
PAP result NEM, next PAP 4M
PAP result NEM, next PAP 6M
PAP result abnormal, F/U PAP 4M
PAP result abnormal, F/U PAP 6M
MAM unsatisfactory, need repeat
Pap unsatisfactory, need repeat
PAP result NEM, further screening not required
MAM result NEM, further screening not required
```

Setup Guide– Women’s Health Package Setup

Women’s Health Setup, cont’d

1c. Link Pap Smear with SNOMED Codes

NOTE: Your site may use different codes from the Morphology and Topography SNOMED codes listed here.

```
Select File Maintenance Menu Option: PAP Link Pap Smear with SNOMED Codes
Select a MORPHOLOGY SNOMED CODE: ?
  Answer with MORPHOLOGY SNOMED CODE
  Choose from:
  UNSATISFACTORY SPECIMEN
  ABNORMAL APPEARANCE
  NEGATIVE FOR MALIGNANT CELLS
  NO EVIDENCE OF MALIGNANCY
  SUSPICIOUS FOR MALIGNANT CELLS
  CERVICAL MUCOUS ARBORIZATION
  VAGINA, SECRETORY ALTERATION

  You may enter a new MORPHOLOGY SNOMED CODE, if you wish
  Answer with MORPHOLOGY FIELD NAME
  Do you want the entire 3609-Entry MORPHOLOGY FIELD List? UNSA??
  Answer with 'Yes' or 'No': N (No)
Select a MORPHOLOGY SNOMED CODE: UNSATISFACTORY SPECIMEN          09010
  ...OK? Yes// <Enter> (Yes)

MORPHOLOGY SNOMED CODE: UNSATISFACTORY SPECIMEN// <Enter>
DIAGNOSIS: Unsatisfactory// <Enter>

Select a MORPHOLOGY SNOMED CODE: <Enter>
Select a TOPOGRAPHY SNOMED CODE: ?
  Answer with TOPOGRAPHY SNOMED CODE
  Choose from:
  VAGINAL-CERVICAL CYTOLOGIC MATERIAL
  VAGINAL CYTOLOGIC MATERIAL
  CERVICAL CYTOLOGIC MATERIAL

  You may enter a new TOPOGRAPHY SNOMED CODE, if you wish
  Answer with TOPOGRAPHY FIELD NAME
  Do you want the entire 8575-Entry TOPOGRAPHY FIELD List? N (No)
Select a TOPOGRAPHY SNOMED CODE: CERVICAL CYTOLOGIC MATERIAL      8X310
  ...OK? Yes// <Enter> (Yes)

TOPOGRAPHY SNOMED CODE: CERVICAL CYTOLOGIC MATERIAL
  // <Enter>
Select a TOPOGRAPHY SNOMED CODE: <Enter>
```

If codes other than the ones listed here appear, link the appropriate ones to the Pap Smear.

Your site may use different codes from these. These should only be related to PAP smears.

Setup Guide

Women's Health Setup, cont'd

Women's Health Patient Management Menu

```

WOMEN'S HEALTH:      * PATIENT MANAGEMENT MENU *      SALT LAKE CITY HCS

PC   Edit/Print Patient Case Data
PP   Patient Profile
FS   Print Patient Demographic Info (Face Sheet)
BD   Browse Patients With Needs Past Due
LAB  Save Lab Test as Procedure
AP   Add a NEW Procedure
EP   Edit a Procedure
HS   Health Summary
BP   Browse Procedures
PR   Print a Procedure
HIS  Add an HISTORICAL Procedure
RA   Add a Refusal of Treatment
RE   Edit a Refusal of Treatment
AN   Add a New Notification
EN   Edit a Notification
BN   Browse Notifications
PL   Print Individual Letters
PQ   Print Queued Letters
Select Patient Management Option:
  
```

You can manually add a patient to the WH package with Edit/Print Patient Case Data, if you don't use the Automatically Load Patients option. Also, patients will be automatically added if lab or radiology results are sent by those applications.

1c. Women's Health Patient Profile (brief)

```

***** CONFIDENTIAL PATIENT INFORMATION *****

          * * * Patient Profile * * *
          Run Date: SEP 16, 2003  14:14
Patient Name: WHPATIENT,ONE (56y/o)          SSN: 666-33-5525
Case Manager: WHPROVIDER,ONE                Facility: SALT LAKE CITY HCS
Cx Tx Need  : Routine PAP (by 09/09/04)      Cx Facility:
PAP Regimen : Undetermined (began NO DATE)    Pr Provider: UNKNOWN
Br Tx Need  : Mammogram, Screening (by 04/11/04) Br Facility:
Hx of BR CA : >1 1st degree relatives
Elig Code   :                               Veteran: Yes
MST         : Unknown, not screened          CST:

=====
          DATE          PROCEDURE  RESULTS/DIAGNOSIS          STATUS
-----
          1)  04/30/03   PAP          No Evidence of Malignancy  CLOSED
          2)  04/11/03   PAP          No Evidence of Malignancy  CLOSED
          3)  04/11/03   MAMB         NOT ENTERED                OPEN
          4)  04/10/03   BRUL         NOT ENTERED                DELINQ
  
```

Setup Guide

Women's Health Setup, cont'd

Women's Health Patient Profile (detailed)

```
***** CONFIDENTIAL PATIENT INFORMATION *****
                * * * Patient Profile * * *
                Run Date: SEP 16, 2003 14:14
Patient Name: WHPATIENT,ONE (56y/o)          SSN: 666-33-5525
Case Manager: WHPROVIDER,ONE                Facility: SALT LAKE CITY HCS
Cx Tx Need  : Routine PAP (by 09/09/04)     Cx Facility:
PAP Regimen : Undetermined (began NO DATE)  Pr Provider: UNKNOWN
Br Tx Need  : Mammogram, Screening (by 04/11/04) Br Facility:
Hx of BR CA : >1 1st degree relatives
Elig Code   :                               Veteran: Yes
MST         : Unknown, not screened          CST:
=====
-----< PROCEDURE: PAP>-----
1)  PS2003-17  04/30/03  Res/Diag: No Evidence of Malignancy
                               Provider: WHPROVIDER,ONE          Status: CLOSED
-----< NOTIFICATIONS >-----
2)           08/01/03  LETTER, FIRST: PAP result NEM, next PAP 1Y.
                               Outcome: NOT ENTERED              Status: CLOSED
```

Setup Guide

Women's Health Setup, cont'd

NOTE: The WH mammogram review reminder will not be due if the WH package is set up to assign a diagnostic code to a mammograms as it is loaded from Radiology. The WH package sees a procedure as "Pending" review (which triggers our review reminder) if the status is OPEN and the Result/Diagnosis field is blank.

If Result/Diagnosis is filled in when the mammogram is loaded into WH, then WH thinks it's been reviewed and won't send us the "Pending" status.

Status Given to Imported Mammograms

The WH package can be set up to receive mammogram results from the Radiology package. This is controlled by the WH site parameters and diagnostic code translation options under Management Functions/File Maintenance:

ESP	Edit Site Parameters
EDX	Edit Diagnostic Code Translation File
PDX	Print Diagnostic Code Translation File

The Mammogram Review reminder will only be due with this combination of settings:

- Status Given to Imported Mammograms: OPEN
- **Diagnostic code translations are not assigned, so there is nothing entered into Result/Diagnosis field and the WH Patient Profile shows NOT ENTERED**

The Mammogram Review reminder will not be due if any of these settings combinations exist instead:

- **Diagnostic code translations assigned so something is entered into the Result/Diagnosis field**
- Status Given to Imported Mammograms: CLOSED
- Diagnostic code translations are or are not assigned

The "Status Given to Imported Mammograms" is entered on the second page of Edit Site Parameters and can be set to "OPEN" or "CLOSED"

```
* * * EDIT SITE PARAMETERS FOR SALT LAKE CITY HCS * * *
```

```
RADIOLOGY: Import Mammograms from Radiology: YES
              Status Given to Imported Mammograms: OPEN
              Include ALL Non-Veterans (Y/N)?: YES
ELIGIBILITY CODE(S) :
. . .
```

```
(PAGE 2 OF 6)
```

Setup Guide

Women's Health Setup, cont'd

Status Given to Imported Mammograms

Diagnostic codes from the Radiology package can be translated into a Result/Diagnosis code.

This is what a diagnostic codes report looks like when diagnostic codes have not been assigned using WH option PDX Print Diagnostic Code Translation File:

```
WV DIAGNOSTIC CODE TRANSLATION LIST      DEC 20,2004 09:40
PAGE 1
-----
```

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

This is what you see if you decide to edit diagnostic code translations for the first time using WH option EDX Edit Diagnostic Code Translation File:

```
* * * WOMEN'S HEALTH: EDIT WV DIAGNOSTIC CODE TRANSLATION FILE * * *
```

Select RESULT/DIAGNOSIS: ?

You may enter a new WV DIAGNOSTIC CODE TRANSLATION, if you wish
Choose the women's health results/diagnosis code you wish to match to
a radiology diagnostic code.
Only Results/Diagnoses that apply to Mammograms may be selected.

Answer with WV RESULTS/DIAGNOSIS

Do you want the entire WV RESULTS/DIAGNOSIS List? y (Yes)Choose from:

Abnormal	90	
Assessment Is Incomplete	2	
Benign Finding, Negative	5	
Highly Sug of Malig, Tk Action		1
Indicated, But Not Performed		5
Negative	90	
No Evidence of Malignancy		90
Not Indicated	50	
Prbly Benign, Short Int F/U		4
Suspicious Abnorm, Consider Bx		1
Unsatisfactory for Dx	2	

Select RESULT/DIAGNOSIS:

Setup Guide

Women's Health Setup, cont'd

Status Given to Imported Mammograms

This is what a diagnostic codes report looks like when codes have been assigned (using PDX Print Diagnostic Code Translation File). The text in the WOMEN'S HEALTH field will be entered into the Result/Diagnosis field when the mammogram procedure is loaded, based on the Radiology diagnosis code:

```
WV DIAGNOSTIC CODE TRANSLATION LIST          DEC 20,2004  09:25  PAGE 1
-----
WOMEN'S HEALTH: Assessment Is Incomplete
RADIOLOGY: UNSATISFACTORY/INCOMPLETE EXAM

WOMEN'S HEALTH: Highly Sug of Malig, Tk Action
RADIOLOGY: ABNORMALITY, ATTN. NEEDED

WOMEN'S HEALTH: Negative
RADIOLOGY: NORMAL
```

Setup Guide – Mapping terms

TIP:

Coordination between CACs and Women's Health Case Managers will help the mapping process

2. Map local findings to the national Reminder Terms.

Option: Reminder Term Management on the Reminder Management Menu.

Before using WH reminders, map the local findings your site uses to represent the national reminder terms, if necessary.

- Prepare a list of your local findings – health factors, taxonomies, etc. that you use to represent WH terms.
- Review the national term definitions (use the options on the Reminder Term Management menu), to compare these to what you are using locally to represent WH terms.

Term Mapping Recommendations

Mammogram Terms

Term	Mapping
<i>Patient Cohort Findings</i>	<i>The following reminder terms determine whether the reminder applies to the patient.</i>
VA-TERMINAL CANCER PATIENT	No mapping necessary. Use the VA-TERMINAL CANCER PATIENTS reminder taxonomy that has been previously distributed.
VA-WH BILATERAL MASTECTOMY	This term will use the VA-WH BILATERAL MASTECTOMY taxonomy to find coded bilateral mastectomies. The health factor WH BILATERAL MASTECTOMY distributed with this term may be used or add any local health factor that represents the patient had a bilateral mastectomy and no longer needs mammogram screening.

Setup Guide – Mapping terms

Mammogram Terms, cont'd

Term	Mapping
<i>Resolution Findings</i>	<i>The following are reminder terms that resolve the reminder. Function Findings use these findings to determine whether a result is the most recent finding or whether a short-term resolution finding is the most recent finding. If the most recent finding is a short-term resolution finding, the reminder will be due based on one of the following Function Finding frequency periods: 4 months or 6 months. If the result is the most recent finding, the baseline age/frequency is used. However, the baseline frequency will be overridden if the Functional Findings determine that an information finding exists which alters the baseline frequency to 1 or 2 years.</i>
VA-WH MAMMOGRAM SCREEN IN WH PKG	No mapping necessary. This term uses the pre-mapped computed finding: VA-WH MAMMOGRAM IN WH PKG to find mammogram screening findings in the Women's Health Package.
VA-WH MAMMOGRAM SCREEN IN RAD PKG	Mapping is needed. This term represent Mammogram results documented in the Radiology package. Map local radiology procedures that represent the following procedures: MAMMOGRAM BILAT MAMMOGRAM UNILAT MAMMOGRAM SCREEN Each finding should have a condition added to exclude unsatisfactory results.
VA-WH MAMMOGRAM SCREEN DONE	Some mapping may be appropriate. This reminder term will use the previously distributed VA-MAMMOGRAM/SCREEN taxonomy to find ICD DIAGNOSIS or CPT coded results. Use the new WH MAMMOGRAM OUTSIDE health factor to document Mammogram results completed outside the VA when the Mammogram results are not documented in Radiology, Women's Health or Consult packages. Map local findings, such as consult orders related to Mammogram Screening. Use appropriate condition logic to indicate Mammogram screening has been completed.

Setup Guide – Mapping terms

Mammogram Terms, cont'd

Term	Mapping
<p>VA-WH MAMMOGRAM SCREEN NOT INDICATED</p>	<p>Use the findings distributed with this reminder term or map any local findings that indicate a Mammogram screen is not indicated for this patient.</p> <p>This term is distributed with mapping to the following health factors:</p> <p>INACTIVATE BREAST CANCER SCREEN (distributed with the first version of the Clinical Reminder package in 1996 to inactivate the BREAST CANCER reminder).</p> <p>WH PAP MAMMOGRAM SCREEN NOT INDICATED VA LIMITED LIFE EXPECTANCY</p> <p>Use in National VA-WH MAMMOGRAM SCREENING reminder:</p> <p>This term is used in WH reminders to inactivate the Mammogram screening reminder. A clinician can reactivate the reminder by selecting one of the frequencies from the screening reminder dialog. The 4M, 6M, 1Y, and 2Y health factors are used by function findings to set the reminder frequency.</p> <p>Begin date of T-6M has been added to HF.VA LIMITED LIFE EXPECTANCY and TX.VA-TERMINAL CANCER PATIENTS so screening will come due again if the patient lives longer than expected or if the patient has been misdiagnosed.</p> <p>Sites may prefer to use local LIMITED LIFE EXPECTANCY health factors and add their health factors to other reminder terms, which cause the Mammogram Screening reminder to be due without requiring a clinician to select a finding to reactivate the reminder. (E.g., Add the local life expectancy health factor for "local LIFE EXPECTANCY 6M" to the VA-WH MAMMOGRAM SCREEN NOT INDICATED term.</p>

Setup Guide – Mapping terms

Mammogram Terms, cont'd

Term	Mapping
VA-WH BREAST CARE ORDER HEALTH FACTOR	<p>Use the health factors distributed with the reminder term if they are appropriate for your facility to track breast care orders. This reminder term represents the action taken from the dialog to indicate the clinician intends to place an order related to mammogram screening. The health factor date will be used to calculate the resolution frequency, instead of the Start date related to the order actually placed.</p> <p>Health factors distributed with this term:</p> <ul style="list-style-type: none"> • WH ORDER MAMMOGRAM SCREEN HF (Use this if an order menu is referenced as the quick order, or use for a quick order for mammogram screening to radiology or consults) • WH ORDER MAMMOGRAM BILAT HF (Use when quick order is for bilateral mammogram) • WH ORDER MAMMOGRAM UNILAT HF (Use when quick order is for unilateral mammogram)
VA-WH MAMMOGRAM SCREEN DEFER	<p>Use the WH MAMMOGRAM DEFERRED or WH MAMMOGRAM DECLINED health factors distributed with this term or add any local health factor representing that mammogram screening should be satisfied for one week.</p>
VA-MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG	<p>Mapping will be necessary. This term represent Mammogram results documented in the Radiology package. Map local radiology procedures that represent the following procedures:</p> <p style="padding-left: 40px;">MAMMOGRAM BILAT MAMMOGRAM UNILAT MAMMOGRAM SCREEN</p> <p>Each finding should have a condition that checks for unsatisfactory results. No mapping is necessary for the WH package. Use the VA-WH MAMMOGRAM IN WH PKG computed finding and the value UNSATISFACTORY" to find unsatisfactory results documented in the WH package.</p>
VA-WH MAMMOGRAM PENDING REVIEW	<p>No mapping necessary. New VA-WH MAMMOGRAM REVIEW computed finding will be installed with this reminder. This computed findings will make the VA-WH MAMMOGRAM REVIEW reminder due when the condition is: I V="Pending". It will then return mammogram results pending clinician review from the WH package.</p>

Setup Guide – Mapping terms

Mammogram Terms, cont'd

Term	Mapping
<i>Information Findings</i>	<i>The following are information reminder terms that are used in Function Findings to alter the baseline Age/Frequency. If the most recent resolution finding is a documented result, the frequency for the next Mammogram screen will be based on these reminder terms.</i>
VA-WH MAMMOGRAM SCREEN FREQ - 4M	Use the WH MAMMOGRAM SCREEN FREQ - 4M health factor distributed with this reminder term, or add any local findings that indicate mammogram screening should occur every 4 months.
VA-WH MAMMOGRAM SCREEN FREQ - 6M	Use the WH MAMMOGRAM SCREEN FREQ - 6M health factor distributed with this reminder term, or add any local findings that indicate mammogram screening should occur every 6 months.
VA-WH MAMMOGRAM SCREEN FREQ - 1Y	Use the WH MAMMOGRAM SCREEN FREQ – 1Y health factor distributed with this reminder term, or add any local findings that indicate mammogram screening should occur every 1 year.
VA-WH MAMMOGRAM SCREEN FREQ - 2Y	Use the WH MAMMOGRAM SCREEN FREQ - 2Y health factor distributed with this term or add any local health factor that represents mammogram screening should occur every two years
<i>Information Only</i>	<i>The following reminder terms are "information only" terms that are not used to alter the frequency, but provide information that may be helpful to the clinician.</i>
VA-WH HX BREAST CANCER/ABNORMAL MAM	Use the previously distributed VA-BREAST TUMOR and VA-MASTECTOMY taxonomies mapped to this term. This term uses computed finding VA-WH MAMMOGRAM ABNORMAL IN WH PKG to search for the existence of any abnormal results in the WH Package.
VA-WH MAMMOGRAM ORDER	Map local orderable items that represent mammogram related orders (e.g., Consult order to Women's Health Clinic). Use the conditions that indicate the order is not completed, discontinued, or cancelled. This reminder term represents orders pending completion. This term can also be used to indicate the patient is being followed by a gynecologist.

Setup Guide – Mapping terms

Pap Smear Reminder Terms

Term	Mapping
<i>Patient Cohort Findings</i>	<i>The following reminder terms determine whether the reminder applies to the patient.</i>
VA-TERMINAL CANCER PATIENT	No mapping necessary. Use the VA-TERMINAL CANCER PATIENTS reminder taxonomy that has been previously distributed.
VA-WH HYSTERECTOMY W/CERVIX REMOVAL	No mapping necessary. Use the VA-WH HYSTERECTOMY W/CERVIX REMOVED reminder taxonomy distributed with this term. Note the VA-CERVICAL CA/ABNORMAL PAP reminder taxonomy is now used for information only and should not be mapped to this reminder term since it contains codes where the cervix may not have been removed. This reminder term is also mapped to the new health factor WH HYSTERECTOMY W/CERVIX REMOVED.
<i>Resolution Findings</i>	<i>The following reminder terms resolve the reminder. These resolution terms are defined with a "Use in Resolution Logic," but no Frequency. Frequency for this reminder will be determined by Function Findings (FF) logic, which examines the most recent findings: * If Function Findings determine that the most recent finding is a result, the baseline age and frequency will be used. * If Function Findings determine that an information finding exists that alters the baseline frequency to 4M, 6M, 1Y, 2Y or 3Y, the baseline frequency will be overridden.</i>
VA-WH PAP SMEAR SCREEN IN WH PKG	No mapping necessary. This term represents PAP Smear results documented in the Women's Health (WH) Package. Use the new VA-WH PAP SMEAR IN WH PKG computed finding distributed with this reminder term. This computed finding looks for PAP smear results in the Women's Health Package.

Setup Guide – Mapping terms

Pap Smear Reminder Terms, cont'd

Term	Mapping
VA-WH PAP SMEAR SCREEN IN LAB PKG	<p>No mapping necessary. This term represents PAP Smear results documented in the Laboratory package. Use the new VA-WH PAP SMEAR IN LAB PKG computed finding distributed with this reminder term. This computed finding looks for PAP smear results in the Laboratory package.</p> <p>This computed finding will only work if the Women's Health WV PROCEDURE TYPE file entry for PAP SMEAR has SNOMED codes defined that are used for PAP Smear results at your facility. The SNOMED codes need to be defined regardless of whether the Women's Health Package is being used.</p>
VA-WH PAP SMEAR DONE	<p>No mapping necessary. Use the new VA-WH PAP SMEAR DONE CODES taxonomy distributed with this reminder term. This taxonomy is similar to the VA-CERVICAL CANCER SCREEN taxonomy distributed to the field with the first reminder package distribution. The new taxonomy should be used because it does not include codes such as Q0091, which represents PAP smears obtained by the clinician.</p> <p>Use the new WH PAP SMEAR OUTSIDE health factor to document PAP Smear results completed outside the VA when the PAP Smear results are not documented in Lab, Women's Health or Consult packages.</p>
VA-WH PAP SMEAR OBTAINED	<p>No mapping is necessary. Use the new taxonomy VA-WH PAP SMEAR OBTAINED. This term represents the clinician's actions taken to obtain the PAP smear.</p>
VA-WH PAP SMEAR ORDER HEALTH FACTOR	<p>The following health factors are distributed with this term:</p> <ul style="list-style-type: none"> • WH ORDER PAP SMEAR SCREEN HF (for use when an order menu with a PAP Smear Screen order is used from the reminder dialog). • WH ORDER REFER WH CLINIC GYN CARE HF (for use when a quick order is used for WH CLINIC GYN CARE referral in reminder dialogs). • WH ORDER REFER GYNECOLOGIST HF (for use when a quick order is used for GYNECOLOGY referral in reminder dialogs). <p>This reminder term represents the action taken from the dialog to indicate the clinician selected an element that could generate an order for PAP Smear. The health factor date will be used to calculate the resolution frequency, instead of using the Order's Start date.</p>

Setup Guide – Mapping terms

Pap Smear Reminder Terms, cont'd

Term	Mapping
VA-WH PAP SMEAR SCREEN NOT INDICATED	<p>Use the findings distributed with this reminder term or map any local findings that indicate a PAP smear screen is not indicated for this patient. This term is distributed with mapping to the following health factors: INACTIVATE CERVIX CANCER SCREEN (distributed with the first version of the Clinical Reminder package in 1996 to inactivate the CERVICAL CANCER reminder). WH PAP SMEAR SCREEN NOT INDICATED VA LIMITED LIFE EXPECTANCY and the following taxonomy: VA-TERMINAL CANCER PATIENTS</p> <p>This term is used in WH reminders to inactivate the PAP Smear Screening reminder. A clinician can reactivate the reminder by selecting one of the frequencies from the screening reminder dialog. The 4M, 6M, 1Y, 2Y, and 3Y health factors are used by function findings to set the reminder frequency. Begin date of T-6M has been added to HF.VA LIMITED LIFE EXPECTANCY and TX.VA-TERMINAL CANCER PATIENTS so screening will come due again if the patient lives longer than expected or if the patient has been misdiagnosed.</p> <p>Sites may prefer to use local LIMITED LIFE EXPECTANCY health factors and add their health factors to other reminder terms which cause the PAP Smear Screening reminder to be due without requiring a clinician to select a finding to reactivate the reminder. (E.g., Add the local life expectancy health factor for "local LIFE EXPECTANCY 6M" to the VA-WH PAP SCREEN NOT INDICATED term.</p>
VA-WH PAP SMEAR SCREEN DEFER	<p>Use the WH PAP SMEAR DECLINED and/or WH PAP SMEAR DEFERRED health factors distributed with this term, or add any local health factors representing that PAP smear screening should be deferred.</p>
VA-WH PAP SMEAR UNSATISFACTORY IN LAB/WH PKG	<p>No mapping necessary. This term represents unsatisfactory \ PAP Smear results documented in the Laboratory package. Use the new VA-WH PAP SMEAR IN LAB PKG computed finding distributed with this reminder term. This computed finding looks for PAP smear results in the Laboratory package where the Result Status that is "Unsatisfactory"</p> <p>This computed finding will only work if the Women's Health WV PROCEDURE TYPE file entry for PAP SMEAR has SNOMED codes defined that are used by your local Lab Service to document PAP Smear results in the Lab Package. The SNOMED codes need to be defined regardless of whether the Women's Health Package is being used.</p>

Setup Guide – Mapping terms

Pap Smear Reminder Terms, cont'd

Term	Mapping
<i>Information Findings:</i>	<i>Function Findings (FF) will be used to determine the frequency of these reminders. The following are information reminder terms that are used in Function Findings to alter the baseline Age/Frequency. If the most recent resolution finding is a documented result, the frequency for the next PAP Smear will be based on these reminder terms. If more than one of the frequency findings is recorded at the same date/time, the finding that makes the reminder due most often will prevail.</i>
VA-WH PAP SMEAR SCREEN FREQ – 4M	Use the WH PAP SMEAR SCREEN - FREQ 4M health factor distributed with this reminder term, or add any local findings that indicate PAP smear screening should occur every 4 months.
VA-WH PAP SMEAR SCREEN FREQ – 6M	Use the WH PAP SMEAR SCREEN FREQ - 6M health factor distributed with this reminder term or add any local findings that indicate PAP smear screening should occur every 6 months.
VA-WH PAP SMEAR SCREEN FREQ – 1Y	Use the WH PAP SMEAR SCREEN FREQ - 1Y health factor distributed with this reminder term, or add any local findings that indicate PAP smear screening should occur every year.
VA-WH PAP SMEAR SCREEN FREQ – 2Y	Use the WH PAP SMEAR SCREEN FREQ - 2Y health factor distributed with this reminder term, or add any local findings that indicate the PAP smear screening should occur every 2 years.
VA-WH PAP SMEAR SCREEN FREQ – 3Y	Use the WH PAP SMEAR SCREEN FREQ - 3Y health factor distributed with this reminder term, or add any local findings that indicate PAP smear screening should occur every 3 years.
<i>Information Only</i>	<i>The following reminder terms are "information only" terms that are not used to alter the frequency, but provide information that may be helpful to the clinician.</i>
VA-WH HYSTERECTOMY	This reminder term represents hysterectomy related procedures. It is pre-mapped to use the VA-HYSTERECTOMY taxonomy, which was distributed, to the field in 1996. It is not used to alter the patient cohort because it contains hysterectomy codes that indicate the patient's cervix may or may not have been removed.

Setup Guide – Mapping terms

Pap Smear Reminder Terms, cont'd

Term	Mapping
VA-WH HX CERVICAL CANCER/ABNORMAL PAP	<p>This reminder term is mapped to the taxonomy VA-CERVICAL CA/ABNORMAL PAP findings. This term represents ICD9, ICD0, and CPT codes that indicate the patient has a history of cervical cancer or a diagnosis for abnormal PAP. Sites may choose to only use documented diagnosis and procedure codes removing mapping to Women's Health.</p> <p>This reminder term is also mapped to the computed finding VA-WH PAP SMEAR SCREEN IN WH PKG with a condition check for "Abnormal" used for the search. If PAP smear results are documented in the Women's Health package, the computed finding VA-WH PAP SMEAR SCREEN IN WH PKG will find the most recent PAP Smear entry that has an "Abnormal" result. Sites can remove this mapped item if they are not using the Women's Health package to store PAP results.</p> <p>The reminder term may also be mapped to the computed finding VA-WH PAP SMEAR SCREEN IN LAB PKG with a condition check for "Abnormal" Result Type. The Result Type is based on Procedure definitions in the Women's Health Package.</p>
VA-WH PAP SMEAR ORDER	<p>Map local orderable items that represent PAP smear related orders (e.g., Consult order to Women's Health Clinic). Use the conditions that indicate the order is not completed, discontinued, or cancelled. This reminder term represents orders pending completion.</p>

Setup Guide – Testing Reminders

Test the reminders

3. Run the Reminder Test option after term definition mapping is completed.

Review the results of patient data with each of the findings mapped to the term.

Option: Reminders Test on the Reminder Managers Menu

```
Select Reminder Managers Menu Option: RT Reminder Test
Select Patient: CRPATIENT,SIX 4-30-44
666809999 YES EMPLOYEE
Enrollment Priority: GROUP 5 Category: IN PROCESS
End Date:
```

```
Select Reminder: VA-WH MAMMOGRAM SCREENING
```

Setup Guide – Editing Dialogs

Do not edit these dialog elements: VA-WH MAMMOGRAM RESULTS and VA-WH PAP SMEAR RESULTS. These dialog elements do not have finding items associated with them in Dialog Management. The finding items and the text that appear in the elements are set when the dialogs are being loaded into CPRS.

NOTE: Do not install and release the PAP review reminder to the field if PAP cytology results are not recorded in the VistA Lab package and are not updating WH package.

TIP

Coordination between CACs and Women's Health Case Managers will help the dialog edit process

4. Use the Reminder Dialog options to edit the national (exported) dialogs.

After mapping local findings to the national terms, determine whether to use local findings as the data elements that are captured, or the national findings that are already mapped to the national terms. Review dialog elements in the national reminder dialog and change any national health factors to local health factors, if necessary. It is not unusual for local findings to be used in your national dialogs. Any local findings used in the national dialogs should be mapped to the appropriate national reminder term.

- If using local findings, edit the reminder dialog by identifying the element that allows for that data element to be collected. Change the finding item for that element to the local finding.

Alternatively, use the Reminder Dialog options to copy the national dialog, dialog elements, and dialog groups to make local changes.

- Add local dialog elements with local Order Dialogs for additional ordering options for the clinicians. Some sites have clinicians order a consult to a service that provides PAP smears. If your site does this, copy the reminder dialog to a local reminder dialog and then add the local dialog element for the consult order to the reminder dialog so this practice can continue.
- Some sites have local entries in the Women's Health WV Notification Purpose file. If your site does this, copy the reminder dialog to a local reminder dialog, then add or modify the notifications so this practice can continue. Under reminder findings, use the new "WH" finding type to point to the entries.
- If your site chooses not to send letters via the WH package, copy the appropriate national dialog components to local components and remove the findings related to WH notifications.

The national reminders and dialogs can *only* be changed by changing the finding item in the nationally distributed elements to use your local finding item instead of the nationally distributed one.

Setup Guide – Editing Dialogs

Steps to add or edit dialog elements:

- a. Select Dialog management (DM) from the Reminders Manager Menu, then select Dialog (DI) and Change View (CV) to see the Dialog view:

```

Select Reminder Managers Menu Option: DM  Reminder Dialog Management
  DP  Dialog Parameters ...
  DI  Reminder Dialogs
  DR  Dialog Reports ...
  IA  Inactive Codes Mail Message
Select Reminder Dialog Management Option: DI  Reminder Dialogs

Dialog List                               Mar 24, 2004@08:52:46                Page: 1 of 18
REMINDER VIEW (ALL REMINDERS BY NAME)

Item Reminder Name                        Linked Dialog Name & Dialog Status
-----
1  A BLOOD EXPOSURE                       DIABETIC EXAM DIALOG
2  A NEW REMINDER                          A NEW REMINDER                      Disabled
3  AGP ABNORMAL WH STUFF

+      + Next Screen  - Prev Screen  ?? More Actions  >>>
AR  All reminders      LR  Linked Reminders  QU  Quit
CV  Change View        RN  Name/Print Name
Select Item: Next Screen// CV
Select one of the following:

      D  Reminder Dialogs
      E  Dialog Elements
      F  Forced Values
      G  Dialog Groups
      P  Additional Prompts
      R  Reminders
      RG Result Group (Mental Health)
      RE Result Element (Mental Health)

TYPE OF VIEW: R// D  Reminder Dialogs

AD  Add Reminder Dialog  PT  List/Print All      QU  Quit
Dialog List              Mar 24, 2004@08:47                Page: 1 of 14
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)

Item Reminder Dialog Name                Source Reminder                Status
-----
1  A NEW BP CHECK                        *NONE*                        Disabled
2  A NEW REMINDER                        *NONE*                        Disabled
3  A NEW REMINDER DIALOG                 *NONE*

+      + Next Screen  - Prev Screen  ?? More Actions  >>>
CV  Change View        RN  Name/Print Name
Select Item: Next Screen// SL  SL
Search for: V-WH

```

Select Change View (CV) to change to the Dialog View

Select SL (Search List) to jump to the WH dialogs

Setup Guide – Editing Dialogs

Editing Dialogs

- b. Use the Search List (SL) action to get to the WH–named dialogs, and then enter the number of the reminder.
- c. Select the dialog number to see details.
- d. Make edits, as needed, by entering the dialog element number.

```

Dialog List                               Mar 24, 2004@08:52:46           Page: 12 of 13
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)

+Item Reminder Dialog Name                Source Reminder                Status
178 VA-WH MAMMOGRAM REVIEW RESULTS        VA-WH MAMMOGRAM REVIEW RE     Linked
179 VA-WH MAMMOGRAM SCREENING             VA-WH MAMMOGRAM SCREENING     Linked
180 VA-WH PAP SMEAR REVIEW RESULTS        VA-WH PAP SMEAR REVIEW RE     Linked
181 VA-WH PAP SMEAR SCREENING             VA-WH PAP SMEAR SCREENING     Linked

+      + Next Screen  - Prev Screen  ?? More Actions  >>>

Find Next 'VA-WH'? Yes// NO
Select Item: Quit// 181
Dialog Edit List                          Mar 24, 2004@08:58:33           Page: 1 of 4
REMINDER DIALOG NAME: VA-WH PAP SMEAR SCREENING [NATIONAL] *LIMITED EDIT*
Item Seq.  Dialog Summary
1   5   Group: VA-WH GP PAP SCREEN HEADER
2   5.5  Element: VA-WH PAP HEADER1 - SCREEN
3   5.10 Group: VA-WH GP PAP SCREEN HEADER-EXPANDED
4   5.10.5 Element: VA-WH PAP HEADER2 - SCREEN
5   6   Element: VA-WH DOTTED LINE
6   10  Group: VA-WH GP PAP SCREEN
7   10.5 Element: VA-WH PAP SMEAR OBTAINED
8   10.15 Element: VA-WH PAP SMEAR COMPLETED OUTSIDE

+      + Next Screen  - Prev Screen  ?? More Actions  >>>
ADD  Add Element/Group  DS   Dialog Summary      INQ  Inquiry/Print
CO   Copy Dialog        DO   Dialog Overview     QU   Quit
DD   Detailed Display   DT   Dialog Text
DP   Progress Note Text ED   Edit/Delete Dialog

Select Item: Next Screen//
  
```

Setup Guide – Editing Dialogs

e. Two new **forced values** are included with this project.

- PXRM WH NOTIFICATION TYPE
- PXRM WH UPDATE TREATMENT NEED

Note: These forced values are only used with the VA-WH MAMMOGRAM REVIEW and VA-WH PAP SMEAR REVIEW reminders and dialogs.

PXRM WH NOTIFICATION TYPE is a **forced value** that allows sites to identify a notification type that will update **the Women’s Health package**. For this **forced value** to work properly, you must set it equal to one or more of three codes “L”, “I”, or “P” and must separate multiple codes by a colon (i.e. L:I or L:P:I)

Notification type definitions:

“L” stands for Letter notification type = letter will notify Patient. The WH package is updated to send a result letter, which will be printed with the next WH batch run.

“I” stands for In-Person notification type = patient was notified of results in person. The WH package is updated with this information.

“P” stands for Phone Call notification type = patient was notified of results by phone. The WH package is updated with this information.

This **forced value** will also update the progress note.

PXRM WH UPDATE TREATMENT NEED

This **forced value** is used with the “CPRS UPDATE” notification purposes. It updates the WH treatment need information, but does not generate a letter. This **forced value** must be set to “CPRS.”

Ordering a Consult:

If your site wants to be able to order consults from the screening reminders to a service that does pap smears or mammograms, you need to create a quick order for the consult or a menu and put it in the finding item field indicated below:

10	Dialog element: Element: VA-WH OR MAMMOGRAM SCREENING Finding item: WH ORDER MAMMOGRAM BILAT HF [660126] (HEALTH FACTOR) Additional Finding: Mammogram (Both Breasts) [1440] (QUICK ORDER)
----	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Setup Guide – Testing Reminders

Test Reminders

5. Verify that the reminders function properly.

- a. Run a Reminders Due Report to determine if the WH Clinical Reminder statuses reported are correct.

Option: Reminders Due on the Reminder Reports menu

This report can be displayed at the beginning of the day for patients being seen that day. Reminder reports offer a way to review how the mapping and the local data will potentially be viewed by the extracts that will be sent to the Austin database from the reminders.

- Each of the reminders can be used in a reminder report to evaluate clinics or stop codes on their adherence/compliance with that reminder.
- The reports can be run to list individual patient names for chart review on reasons that the guideline was not or could not be achieved.
- Clinics, stop codes, or divisions can be identified by summary reports using these reminders where there are differences in compliance or poor adherence to the guideline.

- b. Use the Reminder Test option to test the reminders.

Option: Reminders Test on the Reminder Management menu

1. Select a patient who had a mammogram screening done within the past year.

Run the Reminder Test option on the VA-WH MAMMOGRAM SCREENING reminder definition.

The status of the reminder should be “RESOLVED.”

Alternatively, use the clinical maintenance view in the CPRS GUI. The status of the reminder should be “RESOLVED.”

Setup Guide – Testing Reminders

Test Reminders

2. If you use the WH package, select a patient whose most recent mammogram in the WH package has a RESULTS/DIAGNOSIS that is blank and a STATUS that is OPEN.

Run the Reminder Test option on the VA-WH MAMMOGRAM REVIEW RESULTS reminder definition.

The status of the reminder should be “DUE.”

Alternatively, use the clinical maintenance view in the CPRS GUI. The status of the reminder should be “DUE.”

3. Select a patient whose most recent mammogram screening took place within the past year and the results have been recorded. Run the Reminder Test option on VA-WH MAMMOGRAM SCREENING reminder definition.

The status of the reminder should be “Applicable.”

Use the clinical maintenance view in the CPRS GUI. The status of the reminder should be "Applicable."

4. Repeat steps 1-3 for the PAP Reminders.

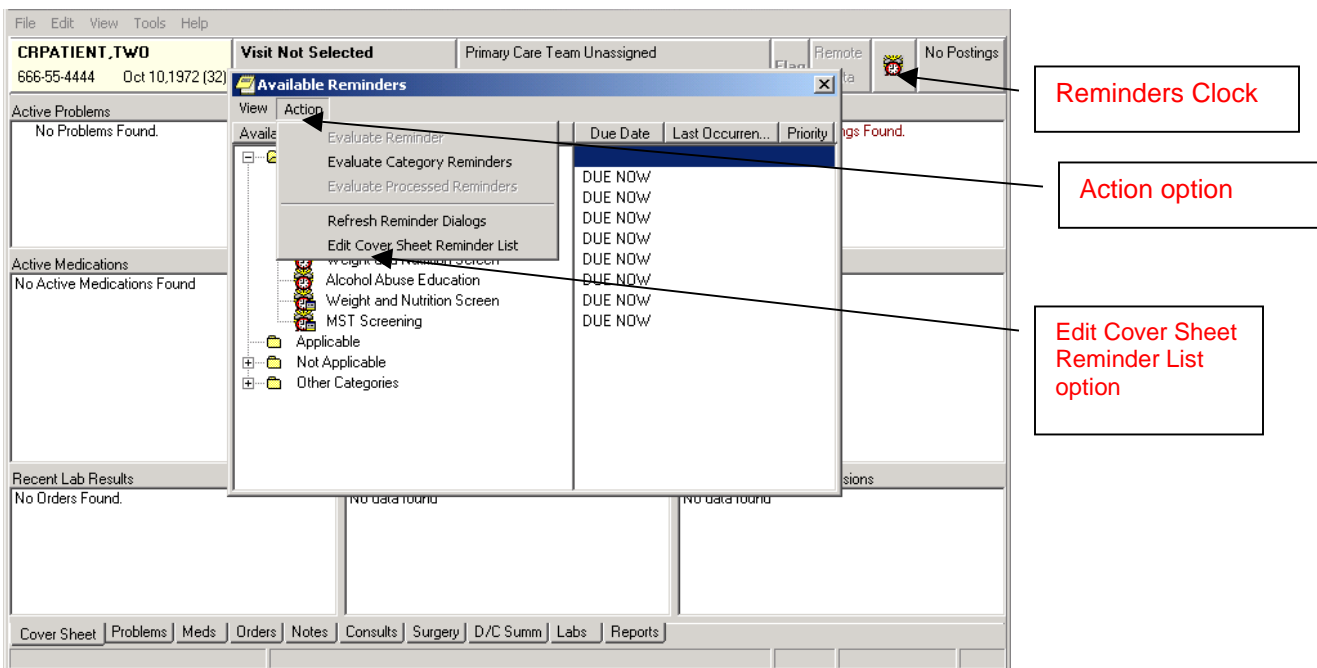
Setup Guide

Add Reminders to CPRS Cover Sheet

6. Add the nationally distributed reminders to the CPRS Cover Sheet.

(NOTE: Make sure that New Reminders Parameter on the CPRS Configuration Menu is set to Yes. This is required in order to use the “Edit Cover Sheet Reminder List” functionality.)

- a. Open a patient chart, click on the reminders clock, and when the available Reminders window opens, click on Action, and then select “Edit Cover Sheet Reminder List.”

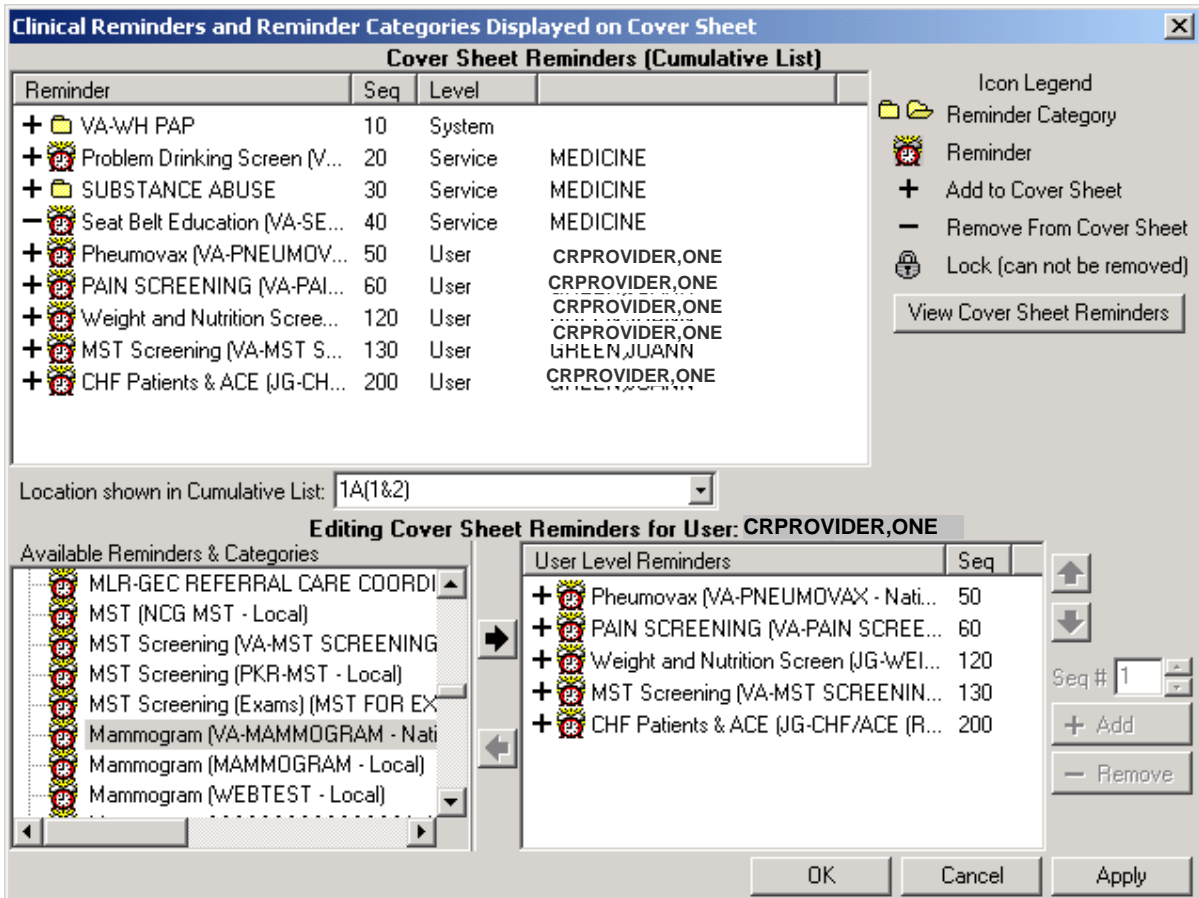


Setup Guide

Add Reminders to CPRS Cover Sheet

Adding Reminders to Cover Sheet, cont'd

- b. When the Cover Sheet Reminder List opens, set the Cover sheet parameter level. Click on the System, Division, Service, User Class, and/or User buttons, as appropriate for your site.
- c. Locate and click on the VA-WH MAMMOGRAM SCREENING reminder; click the Add button (or double-click the reminder).
- d. Click on the VA-WH MAMMOGRAM REVIEW RESULTS reminder and click the Add button (or double-click the reminder).



Setup Guide

WV Notification Setup

NOTE:

Your site can choose whether to include the Print Now button on screening reminder dialogs. This can be set with a new option on the CPRS Reminder Configuration menu: PXRМ WH PRINT NOW

7. Set up entries in the WV Notification Purpose file

Use the AEP Add/Edit a Notification Purpose & Letter manager option in the Women's Health package to customize letters in the WV Notification Purpose file for each PAP and mammogram entry installed as part of this project. The breast or cervical treatment need and due date should be set and the default letter text should be modified to explain the reason for the letter.

See Step 1c and Appendix E in this manual for examples.

NOTE: If your site chooses not to send letters via the WH package, copy the appropriate national dialog components to local components and remove the findings related to WH notifications.

NOTE: Several entries beginning with "CPRS UPDATE" were made in the WV Notification Purpose file as part of the WH installation. These notification purposes are used by the screening reminders dialogs to set screening frequency and should not be modified.

8. Determine how and where letters will be printed.

Your site needs to determine if letters will be queued to the WH package and will be printed in the Case Manager's office, or if the clinician will use the Print Now option, to print and mail the letters from the clinician's office.

Print Now flag: The "Print Now" selection is optional. A parameter can be set (at the system level) to allow the "Print Now" button to be added to the dialog. By default "Print Now" is turned off: the CPRS Reminder Configuration Option called WH Print Now Active is released with a Value of NO. If the value is changed to YES, the "Print Now" button will appear on the dialog. Whether the "Print Now" button is added to the dialog or not, the default will always be that the letter is queued to the WH package.

The text in the progress note will be one of the following:

Print Now Active/**Yes**: Letter queued to print at Device Name on finish Date/Time

Print Now Active/**No**: Letter queued to WH package Date/Time

If your site chooses No, identify where letters will print and who will be responsible for retrieving and mailing these.

Setup Guide – Testing Dialogs

Test Dialogs

9. Verify that the dialogs function properly

Test the WH Reminder dialogs in CPRS, using either the exported dialogs or your locally created dialogs. Using point-and-click reminder resolution processing through CPRS GUI, verify the following:

- Correct Progress Note text is posted
- Finding Item gets sent to PCE
- Reminder is satisfied

Check the Clinical Maintenance component display in CPRS after testing dialogs to ensure that all the activities are tested are reflected in the clinical maintenance display.

Steps to test dialogs:

1. On the cover sheet, click on the Reminders icon.
2. Click on reminders in the Reminders box to see details of a reminder.
3. Open the Notes tab and select New Note. Enter a title.
4. Open the Reminders drawer and review the contents.

Setup Guide – Testing Dialogs

Test Dialogs

8. (cont'd) Verify that the dialogs function properly

Steps to test dialogs:

5. Locate the VA-WH Mammogram Screening reminder dialog and open it.
6. In the dialog box, check relevant actions.
7. Finish the reminder processing.
8. Review the text added to the note to assure its correctness.
9. Ensure that the reminder can be satisfied by the individual finding items that were mapped to the reminder terms.

Example: Mammogram Screening Dialog

Reminder Resolution: Mammogram Screening

The WHA recommends women age 40 and older have a mammogram every 1-2 years

Click here for more information...

Screening

Order mammogram

Mammogram - screening

Mammogram - bilateral

Mammogram - unilateral

Record results of mammogram completed elsewhere

Order - refer to Women's Health Provider

Patient declined mammogram

Defer mammogram

Mammogram not indicated

Click here to change the frequency of mammograms for this patient

Mammogram Frequency

Screen every 4 months

Screen every 6 months

Screen every year

Clear Clinical Maint Visit Info < Back Next > Finish Cancel

<No encounter information entered>

* Indicates a Required Field

Setup Guide – Testing Dialogs

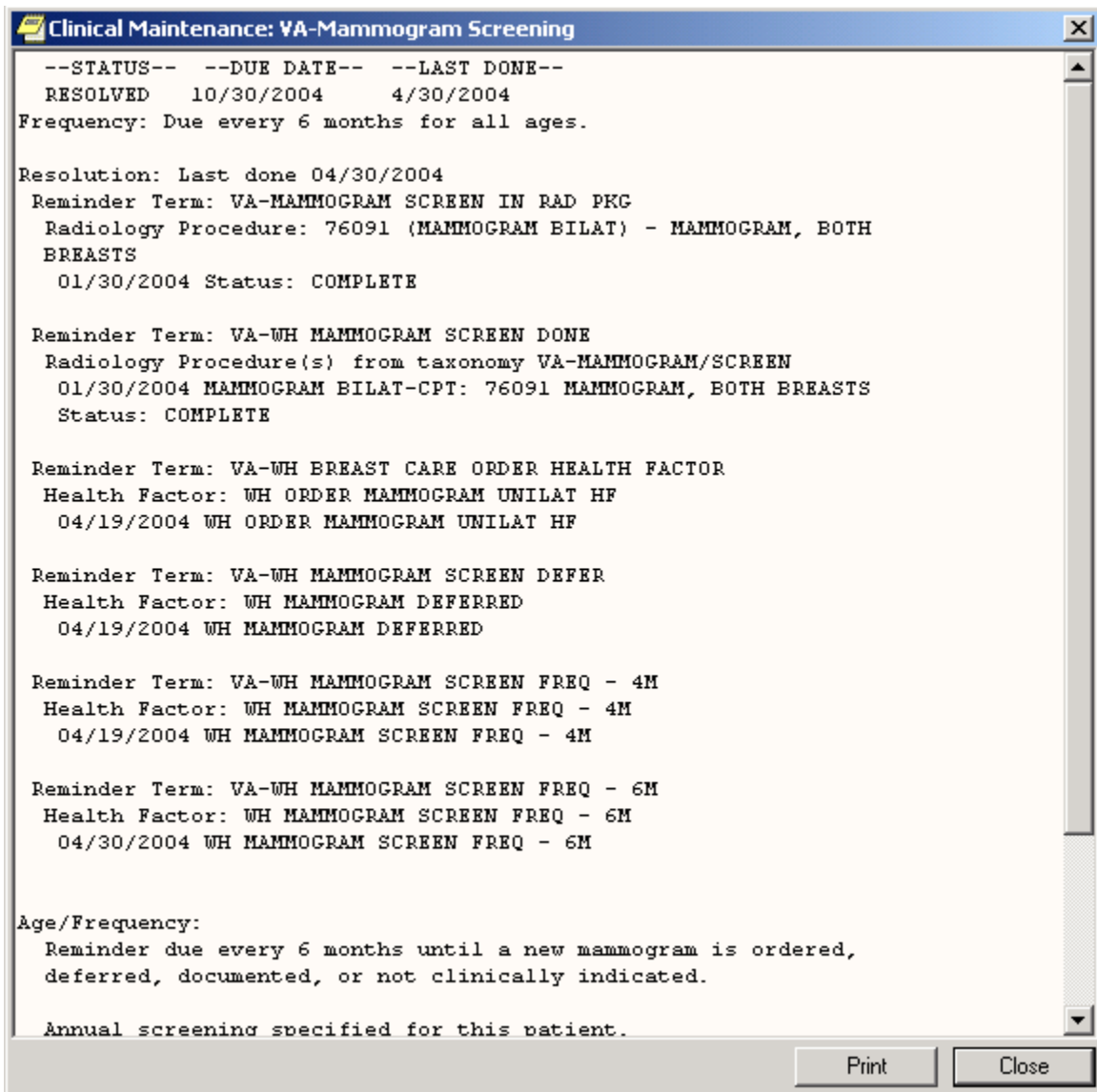
Test Dialogs

9. (cont'd) Verify that the dialogs function properly

10. Check the Clinical Maintenance component display in Health Summaries and CPRS after the reminder dialog is complete.

11. Repeat steps 5-10 for all the dialogs.

Example: Mammogram Screening Clinical Maintenance Display



9. (cont'd) Verify that the dialogs function properly

NOTE: Remember to “refresh” the screen after completing a dialog, if you want to see the updated status immediately. This is especially critical if you’re doing the screening reminder and want to see if the screening reminder has been resolved.

Also remember to save notes and change the visit date between tests to simulate a normal process. **To test features like change in frequency**, you may need to enter a series of historical entries. Some findings resolve the reminder for up to 9 months, while others make the reminder due again in 4 or 6 months, 1, 2 or 3 years. You will need to create visits within these time frames of 4 -6 months or 1-2-3 years in order to see the results.

To test the PAP smear review reminder, you will need to enter a PAP smear into the VistA Lab package. Once the results are verified and released, results will be added to WH if the WH parameters have been set up to receive them. See page 12. If the patient is not in the WH package, a WH patient record will be added; then the results will be loaded and the PAP reminder will be due.

To test the mammogram review reminder, you will need to enter mammogram results into the VistA Radiology package. Once the results are verified and released, results will be added to WH if the WH parameters have been set up to receive them. See page 12. If the patient is not in the WH package, a WH patient record will be added; then the results will be loaded and the mammogram reminder will be due.

Setup Guide – Activate Alerts

10. Activate alerts

Three new information alerts are exported with this software. They notify clinicians or designated users when radiology and lab results are available.

All new notifications/alerts are exported in a "disabled" state. This allows sites to selectively enable them when they are ready and the users have been forewarned. CACs enable notifications/alerts as follows:

```
Select OPTION NAME: ORMGR          CPRS Manager Menu      menu
Select CPRS Manager Menu Option: PE  CPRS Configuration (Clin Coord)
Select CPRS Configuration (Clin Coord) Option: NO  Notification Mgmt Menu
Select Notification Mgmt Menu Option: 1  Enable/Disable Notifications

          Set PROCESSING FLAG Parameters for Notifications

Processing Flag may be set for the following:

    1  User          USR      [choose from NEW PERSON]
    2  Team (OE/RR)  OTL      [choose from OE/RR LIST]
    3  Service       SRV      [choose from SERVICE/SECTION]
    4  Location      LOC      [choose from HOSPITAL LOCATION]
    5  Division      DIV      [choose from INSTITUTION]
    6  System        SYS      [xxx]
Enter selection: 6  System

----- Setting Processing Flag for System: DEVCUR.FO-SLC.MED.VA.GOV -----
Select Notification: ANATOMIC PATHOLOGY RESULTS

Notification: ANATOMIC PATHOLOGY RESULTS// <Enter>  ANATOMIC PATHOLOGY RESULTS
ANATOMIC PATHOLOGY RESULTS
Value: Disabled// Enabled
Select Notification: MAMMOGRAM RESULTS
Are you adding MAMMOGRAM RESULTS as a new Notification? Yes//<Enter>  YES

Notification: MAMMOGRAM RESULTS//<Enter>  MAMMOGRAM RESULTS  MAMMOGRAM RESULTS
Value: Enabled
Select Notification: PAP SMEAR RESULTS
Are you adding PAP SMEAR RESULTS as a new Notification? Yes//<Enter>  YES

Notification: PAP SMEAR RESULTS// <Enter>  PAP SMEAR RESULTS  PAP SMEAR RESULTS
Value: Enabled
```

Appendix A: KIDS Installation Example

Install Package(s)
Select INSTALL NAME: **wv*1.0*16** Loaded from Distribution Loaded from Distribution
2/5/05@16:08:06

=> WV*1.0*16, LR*5.2*311, OR*3.0*210, PXR*2.0*1 ;Created on Feb 04, 200

This Distribution was loaded on Feb 05, 2005@16:08:06 with header of
WV*1.0*16, LR*5.2*311, OR*3.0*210, PXR*2.0*1 ;Created on Feb 04, 2005@17:17
:36

It consisted of the following Install(s):
WV*1.0*16 LR*5.2*311 OR*3.0*210 PXR*2.0*1
Checking Install for Package WV*1.0*16

Install Questions for WV*1.0*16

Incoming Files:

790.02 WV SITE PARAMETER (Partial Definition)
Note: You already have the 'WV SITE PARAMETER' File.

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

790.2 WV PROCEDURE TYPE
Note: You already have the 'WV PROCEDURE TYPE' File.

790.404 WV NOTIFICATION PURPOSE (Partial Definition)
Note: You already have the 'WV NOTIFICATION PURPOSE' File.

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

Checking Install for Package LR*5.2*311

Install Questions for LR*5.2*311

Checking Install for Package OR*3.0*210

Install Questions for OR*3.0*210

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.

Checking Install for Package PXR*2.0*1
Will first run the Environment Check Routine, PXR*WHEV

Environment check passed, ok to install PXR*2.0*1

Install Questions for PXR*2.0*1

Incoming Files:

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

801.42 REMINDER GUI PROCESS (including data)
Note: You already have the 'REMINDER GUI PROCESS' File.
I will REPLACE your data with mine.

801.45 REMINDER FINDING TYPE PARAMETER (including data)
Note: You already have the 'REMINDER FINDING TYPE PARAMETER' File.
I will OVERWRITE your data with mine.

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

Want KIDS to INHIBIT LOGONS during the install? YES// **n** NO
Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// **n** 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// 0;80;99999 TELNET WV*1.0*16
Install Started for WV*1.0*16 :
Feb 05, 2005@16:22:38

Build Distribution Date: Feb 04, 2005

Installing Routines:
Feb 05, 2005@16:22:39

Installing Data Dictionaries:
Feb 05, 2005@16:22:39

Installing PACKAGE COMPONENTS:

Installing FORM
Feb 05, 2005@16:22:41

Running Post-Install Routine: ^WV16PST
Will build new 'AC' x-ref on FILE 790.1 in background job #2272

Updating Routine file...
Updating KIDS files...
WV*1.0*16 Installed.
Feb 05, 2005@16:22:42

Install Message sent #432 [1;1H LR*5.2*311

Install Started for LR*5.2*311 :
Feb 05, 2005@16:22:43

Build Distribution Date: Feb 04, 2005

Installing Routines:
Feb 05, 2005@16:22:43

Running Post-Install Routine: EN^LR311PST
Creating index definition ...
Creating index definition ...

Updating Routine file...

Updating KIDS files...
LR*5.2*311 Installed.
Feb 05, 2005@16:22:45

Install Message sent #433 OR*3.0*210

Install Started for OR*3.0*210 :
Feb 05, 2005@16:22:45

Build Distribution Date: Feb 04, 2005

Installing Routines:
Feb 05, 2005@16:22:45

Installing Data Dictionaries:
Feb 05, 2005@16:22:45

Installing Data:
Feb 05, 2005@16:22:46

Running Post-Install Routine: POST^ORY210
Updating Routine file...

Updating KIDS files...

OR*3.0*210 Installed.
Feb 05, 2005@16:22:46

Install Message sent #434 PXR*2.0*1

Install Started for PXR*2.0*1 :
Feb 05, 2005@16:22:46

Build Distribution Date: Feb 04, 2005

Installing Routines:
Feb 05, 2005@16:22:47

Running Pre-Install Routine: PRE^PXR*2.0*1

Installing Data Dictionaries:
Feb 05, 2005@16:22:49

Installing Data:
Feb 05, 2005@16:22:51

Running Post-Install Routine: POST^PXR*2.0*1

Installing reminder VA-WH MAMMOGRAM REVIEW RESULTS

ADDITIONAL FINDING entry Q.WH BREAST ULTRASOUND - UNILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)

P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH BREAST ULTRASOUND - BILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH MAMMOGRAM - UNILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH MAMMOGRAM - BILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

Installing reminder VA-WH MAMMOGRAM SCREENING

Finding RP.MAMMOGRAM BILAT SCREEN does not exist; input a replacement or ^ to quit the install.

Select RAD/NUC MED PROCEDURES NAME: **chest**

1 chest 2 views pa&lat CHEST 2 VIEWS PA&LAT (RAD Detailed) CPT:71020
2 chest 4 views CHEST 4 VIEWS (RAD Detailed) CPT:71030
3 chest apical lordotic CHEST APICAL LORDOTIC (RAD Detailed) CPT:71021
4 chest include fluoro CHEST INCLUDE FLUORO (RAD Detailed) CPT:71034
5 chest oblique projections CHEST OBLIQUE PROJECTIONS (RAD Detailed)

CPT:71022

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

CHOOSE 1-5: **1** CHEST 2 VIEWS PA&LAT (RAD Detailed) CPT:71020

Finding RP.MAMMOGRAM BILAT SCREEN does not exist; input a replacement or ^ to quit the install.

Select RAD/NUC MED PROCEDURES NAME: **chest**

1 chest 2 views pa&lat CHEST 2 VIEWS PA&LAT (RAD Detailed) CPT:71020
2 chest 4 views CHEST 4 VIEWS (RAD Detailed) CPT:71030
3 chest apical lordotic CHEST APICAL LORDOTIC (RAD Detailed) CPT:71021
4 chest include fluoro CHEST INCLUDE FLUORO (RAD Detailed) CPT:71034

5 chest oblique projections CHEST OBLIQUE PROJECTIONS (RAD Detailed)
CPT:71022
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: **2** CHEST 4 VIEWS (RAD Detailed) CPT:71030

ADDITIONAL FINDING entry Q.WH REFER TO WOMEN'S HEALTH CLINIC does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH MAMMOGRAM - UNILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH MAMMOGRAM - BILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH MAMMOGRAM - BILATERAL does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

Installing reminder VA-WH PAP SMEAR REVIEW RESULTS

ADDITIONAL FINDING entry Q.WH CERVICAL ORDERS does not exist.

Select one of the following:

D Delete (from the reminder/dialog)
P Replace (in the reminder/dialog) with an existing entry
Q Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

ADDITIONAL FINDING entry Q.WH PAP SMEAR REPEAT CONSULT does not exist.

Select one of the following:

D	Delete (from the reminder/dialog)
P	Replace (in the reminder/dialog) with an existing entry
Q	Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

Installing reminder VA-WH PAP SMEAR SCREENING

FINDING entry Q.WH REFER TO WOMEN'S HEALTH CLINIC does not exist.

Select one of the following:

D	Delete (from the reminder/dialog)
P	Replace (in the reminder/dialog) with an existing entry
Q	Quit the install

Enter response: **p** Replace (in the reminder/dialog) with an existing entry
Select ORDER DIALOG NAME: **zzPRE-OP**

UPDATING FORCE VALUE: PXRМ WH UPDATE TREATMENT NEED

UPDATING FORCE VALUE: PXRМ WH NOTIFICATION TYPE

Updating Routine file...

Updating KIDS files...

PXRМ*2.0*1 Installed.
Feb 05, 2005@16:23:37

Install Message sent #435

Install Completed

Appendix B: Key Points to WH Reminders Installation and Setup

1. PAP and Mammogram screening and review reminders will be installed as part of the patch.
 - a. The Screening reminders replace prior national screening reminders
 - b. All four reminders have new dialogs to assist with data entry
2. To satisfy the PAP smear screening reminder, completed PAP Smears must be recorded in the patient record as one of the following:
 - a. Laboratory package Cytology or Surgical Pathology SNOMED results
 - b. Women's Health package procedure with results
 - c. Health Factor (Historical outside results)
 - d. PCE CPT procedure code
 - e. Completed consult order for outside procedure
3. To satisfy the mammogram screening reminder, completed mammograms must be recorded in the patient record as one of the following:
 - a. Verified results in the Radiology package
 - b. Women's Health package procedure with results
 - c. Health Factor (Historical outside results)
 - d. PCE CPT procedure code
 - e. Completed consult order for outside procedure
4. PAP review reminder will only come due if:
 - a. WH is automatically updated with procedure results from the VistA Lab package
 - b. If this does not take place, do not release the PAP review reminder
5. Mammogram review reminder will only come due if:
 - a. WH is automatically updated with procedure results from the VistA Radiology package & status for imported mammograms is set to "OPEN"
 - b. If this does not take place, do not release the Mammogram review reminder
6. If your site does not record PAP smear results in the VistA Lab package:
 - a. You could change procedures at your site so PAP smear results are entered into the VistA Lab package
 - b. Recording and verifying/releasing results in the VistA Lab package will automatically satisfy the PAP screening reminder
 - c. Recording results in the WH package will automatically satisfy the PAP screening reminder
 - d. Automatically updating WH from the Vista Lab package will allow sites to use the PAP Review reminder
 - e. If your site does not automatically update WH from Lab, the PAP smear review reminder will not come due, and you might choose not to release it.

7. If your site does not record mammogram results in the VistA Radiology package:
 - a. You could change procedures at your site so mammogram results are entered into the VistA Radiology package
 - b. Recording and verifying results in the VistA Radiology package will automatically satisfy the mammogram screening reminder
 - c. Recording results in the WH package will automatically satisfy the mammogram screening reminder
 - d. Automatically updating WH from the Vista Radiology package will allow sites to use the mammogram review reminder.
 - e. If your site does not automatically update WH from Radiology, the mammogram review reminder will not come due, and you might choose not to release it.

8. Apply updates to WV NOTIFICATION PURPOSE file before installing reminders:
 - a. Several new entries created to work with the screening and review reminders
 - b. Review reminders reference these entries and will be resolved if they have been added to the file
 - c. Sites will have to go back after the install and manually enter each item into the dialogs if the file is not updated first,

9. Update Notification boilerplate text with your site address and content:
 - a. If necessary, edit your WH default notification letter so it contains your site's address and phone number
 - b. Copy your default WH notification into each of the new notifications and customize the text of each new notification to fit the needs of your site, using WH option "AEP -Add/Edit a Notification Purpose & Letter"
 - c. Once you set up the letter you want, respond with "NO" when asked if you want to replace the custom letter with the default letter

10. For the new Lab computed finding to work, sites must use the WH option "PAP-Link Pap Smear with SNOMED Codes" to map Lab SNOMED codes to WH

11. New Functional Finding logic is used to alter reminder frequency, so frequency is not specified on the findings.

12. Enable new alerts through CPRS Manager menu, so that informational alerts about lab pap smears and radiology mammogram results are sent to clinicians.

Appendix C: Reminders Installation with Reminder Exchange Utility

The post-install routine, POST^PXRMV2I, installs the packed reminders into your Exchange File. If you discover that the reminder didn't get installed, you can use the Exchange options on the Reminders Manager Menu to install the "packed" reminders. The following examples can guide you in doing this.

1. Select Reminder Exchange from the Reminder Managers Menu. From the Reminder Exchange actions, select IFE for the reminder that contains the dialog that is not installed. You may need to press enter one or more times (or use the Search List action) to locate the correct entry.

```
Clinical Reminder Exchange      Jul 15, 2004@13:32:42      Page:      1 of      8
Exchange File Entries.
```

Entry	Source	Date Packed
1	AGP DIALOG GROUP TEST	CRPROVIDER@SALT LAKE 07/01/2004@11:00:03
2	AGP INSTALL TEST	CRPROVIDER@SALT LAKE 06/30/2004@12:55:48
3	BDI II RESULT GROUP	CRPROVIDER@SALT LAKE 04/13/2004@15:53:47
4	CDUE	CRPROVIDER@SALT LAKE 08/08/2003@10:59:52
5	CHA UNVESTED PATIENTS	CRUSER@CHARLESTON,S 09/26/2001@13:00:59
6	CODE SET TEST	CRPROVIDER@SALT LAKE 06/26/2003@12:17:02
7	CONDTEST	CRPROVIDER@SALT LAKE 08/18/2003@12:02:18
8	Dialog Transport Reminder	CRUSER@DURHAM 12/16/2002@15:37:51
9	FFTEST	CRPROVIDER@SALT LAKE 09/10/2003@15:14:21
10	GMTSMHV	CRPROVIDER@SALT LAKE 07/06/2004@15:06:21

```
+      + Next Screen  - Prev Screen  ?? More Actions
CFE  Create Exchange File Entry      IH  Installation History
CHF  Create Host File                 LHF  Load Host File
CMM  Create MailMan Message           LMM  Load MailMan Message
DFE  Delete Exchange File Entry       LR   List Reminder Definitions
IFE  Install Exchange File Entry      RI   Reminder Definition Inquiry
Select Action: Next Screen// IFE
```

2. When you are prompted for the entry number, select the number for the dialog.

```
Clinical Reminder Exchange      Jul 15, 2004@13:36:59      Page:      8 of      8
Exchange File Entries.
```

Entry	Source	Date Packed
45	TIU*1*112 20040325	CRDeveloper@ALBANY 03/25/2004@14:20:47
46	TIU512 TEST	CRPROVIDER@SALT LAKE 07/26/2002@06:48:34
47	VA-*IHD 412 ELEVATED LDL RE	CRPROVIDER@SALT LAKE 05/11/2004@11:30:33
48	VA-*IHD 412 LIPID PROFILE R	CRPROVIDER@SALT LAKE 05/11/2004@11:32:04
49	VA-*IHD ELEVATED LDL REPORT	CRPROVIDER@SALT LAKE 05/11/2004@11:27:07
50	VA-*IHD LIPID PROFILE REPOR	CRPROVIDER@SALT LAKE 05/11/2004@11:28:42

```
+      + Next Screen  - Prev Screen  ?? More Actions
CFE  Create Exchange File Entry      IH  Installation History
CHF  Create Host File                 LHF  Load Host File
CMM  Create MailMan Message           LMM  Load MailMan Message
DFE  Delete Exchange File Entry       LR   List Reminder Definitions
IFE  Install Exchange File Entry      RI   Reminder Definition Inquiry
Select Action: Quit// IFE  Install Exchange File Entry
Select Entry(s): (45-50): 47
```

3. When the dialog screen comes up select IA.

Component	Category	Exists
Reminder: VA-*IHD 412 ELEVATED LDL REPORTING		
Source: CRPROVIDER,THREE at SALT LAKE CITY OIFO		
Date Packed: 05/11/2004@11:30:33		
Description:		
Compliance reporting measures the management of IHD patients with an ICD-9 412.nn diagnosis, whose most recent LDL is greater than or equal to 120mg/dl as defined by the VA External Peer Review Program (EPRP) performance measure and the maximum guideline recommended below:		
<p>The VHA/DOD Clinical Practice Guideline for Management of Dyslipidemia recommends an LDL goal of <120 mg/dl for patients with Ischemic Heart Disease; and the NCEP Adult Treatment Panel II recommends a more stringent goal of <100 mg/dl.</p>		
This national IHD 412 Elevated LDL Reporting reminder is used monthly		
+ Enter ?? for more actions		
IA Install all Components	IS Install Selected Component	
Select Action: Next Screen// IA		

4. If you are prompted for items that are missing, either replace or delete the item. Do not select quit. This should install the dialog.

Appendix D: WV*1*16 Description

DHCP Patch Display

Page: 1

```
=====
Run Date: SEP 30, 2004           Designation: WV*1*16 TEST v9
Package : WOMEN'S HEALTH        Priority   : MANDATORY
Version : 1                     Status    : UNDER DEVELOPMENT
=====
```

```
Associated patches: (v)WV*1*9    <<= must be installed BEFORE `WV*1*16'
                   (v)WV*1*10   <<= must be installed BEFORE `WV*1*16'
                   (v)WV*1*15   <<= must be installed BEFORE `WV*1*16'
                   (v)WV*1*17   <<= must be installed BEFORE `WV*1*16'
```

Subject: WH-CLINICAL REMINDERS LINK

Category: ROUTINE
DATA DICTIONARY
ENHANCEMENT
OTHER
INFORMATIONAL

Description:

=====

Associated NOIS: <None>

Associated E3Rs: 18684

Test Sites:

=====

Northern California HCS
Loma Linda
Washington D.C.

This patch is part of a multi-KIDS build that includes PXR*2*1 (Clinical Reminders), LR*5.2*311 (Laboratory) and OR*3*210 (CPRS). Please see the patch description for PXR*2*1 for information on retrieving the host file containing these patches.

The Technical Integration approval has been received for the data dictionary changes.

This patch is an enhancement. It adds functionality that allows the Women's Health (WH) package to send data to the Clinical Reminders (CR) package to resolve Mammogram and Pap Smear reminders. Also, the CR package will be able to send data to the WH package to update the WH database.

1) The following APIs are added:

- a) GETPARAM^WV*1*16 returns WH site parameters for the facility indicated. It is documented in Integration Agreement (IA) 4101.

GETPARAM(.RESULT, IEN)

Input:

.RESULT = Array name to return data in. (Required)
IEN = INSTITUTION file (#4) IEN. (Required)

Output:

RESULT(0)=1st piece is 1 (for Success) or -1 (Failure)
2nd piece is the reason for failure
RESULT(1)=1st piece is 1 (for Yes) or 0 (for No or null).
This is the value of the UPDATE RESULTS/DX (#.11) field
in the WV SITE PARAMETER (#790.02) file.

2nd piece is 1 (for Yes) or 0 (for No or null).
This is the value of the UPDATE TREATMENT NEEDS (#.12)
field in the WV SITE PARAMETER (#790.02) file.

Example:

```
> D GETPARAM(.RESULT,499) ZW RESULT
> RESULT(0)=1^
> RESULT(1)=1^1
```

- b) RESULTS^WVALERTS returns an array with data for the WV PROCEDURE (#790.1) file entry specified. It is documented in IA 4102.

RESULTS(.RESULT,IEN)

Input:

.RESULT = Array name to return data in. (Required)
IEN = The internal entry number of a WV PROCEDURE (#790.1) file entry. (Required)

Output:

RESULT(0) = piece1^piece2^piece3^piece4^piece5^piece6^piece7^piece8
^piece9^piece10

where: piece1 = WV PROCEDURE (#790.1) file entry number
piece2 = patient DFN
piece3 = 'Breast Ultrasound', 'Mammogram' or 'Pap Smear'
piece4 = Date of procedure (FileMan internal format)
piece5 = Radiology procedure name
piece6 = Primary radiology diagnosis
piece7 = One or more radiology modifiers separated by
tildes (~)
piece8 = Lab package test date (external format)
piece9 = Lab accession number
piece10 = Lab specimen text

If the entry is not found, piece 1 will contain '-1' and piece 3 will contain an error message.

If the entry is a Pap Smear, then pieces 5 through 7 are null.

If the entry is a Mammogram or Breast Ultrasound, then pieces 8 through 10 are not returned.

Example of a Pap Smear:

```
> D RESULTS(.RESULT,313) ZW RESULT
> RESULT(0)=313^94^Pap Smear^3030131^^^01/31/2003^CY 03 6^PAP SMEAR
```

Example of a Mammogram:

```
> D RESULTS(.RESULT,314) ZW RESULT
```

```
> RESULT(0)=314^94^Mammogram^3030321^MAMMOGRAM SCREENING^NORMAL
  ^LEFT~RIGHT
```

- c) LETTER^WVRPCNO1 returns the letter text for the WV NOTIFICATION PURPOSE (#790.404) file entry specified. It is documented in IA 4103.

```
LETTER(.RESULT,IEN)
```

Input:

```
.RESULT = Array name to return data in. (Required)
  IEN = WV NOTIFICATION PURPOSE (#790.404) file IEN. (Required)
```

Output:

```
RESULT(0) = Blank if the entry exists <OR> -1^error message
RESULT(n) = Lines of letter text where 'n' is a sequential number
```

Example:

```
> D LETTER(.RESULT,1) ZW RESULT
> RESULT(0)=
> RESULT(1)=
> RESULT(2)=
> RESULT(3)=                Women's Health Clinic
> RESULT(4)=
> RESULT(5)=                123 Main Street
> RESULT(6)=
> RESULT(7)=                CHICAGO, IL 60612
> RESULT(n)= ...
```

- d) NEW^WVRPCNO is used to update a procedure result in File 790.1, create a notification entry in FILE 790.4, print a notification and update a patient's treatment needs. It is documented in IA 4104.

```
NEW(.RESULT,.NOTIF)
```

Input:

```
RESULT = This is an array that identifies what FILE 790.1 entries
  will be updated and the result code to use. (Optional)
  RESULT(n)=FILE 790.1 IEN^"A", "N" or "U"
```

Where: n is a number greater than zero.

The first piece is the WV PROCEDURE (790.1) file IEN.

The second piece is a one character code that identifies the diagnosis. 'A' stands for Abnormal, 'N' stands for Normal and 'U' stands for Unsatisfactory (e.g., 1234^N).

```
NOTIF = This is an array that identifies the notification purposes
  to use to create entries in the WV NOTIFICATION (790.4)
  file. (Optional)
```

```
NOTIF(FILE 790.404 IEN,n) = FILE 790.1 IEN^Type^FILE 3.5
  NAME^DFN
```

Where: The first array subscript is a FILE 790.404 internal entry number (IEN).

The second subscript is a sequential number starting with 1.

The first piece of data in the node is the FILE

790.1 IEN which identifies the procedure performed.

The second piece is a one character code that identifies the type of notification. 'I' stands for In-person, 'L' stands for Letter and 'P' stands for "Phone".

The third piece identifies the print device. It consists of the FILE 3.5 IEN, a semi-colon and the .01 value of the entry (e.g., 5;HPLASERJET).

The fourth piece is the patient IEN (i.e., DFN) from FILE 2.

Output: A notification letter for a patient may be printed based on the input parameter values. However, no values are sent back to the calling routine.

Example:

```
> S RESULT(1)="313^N"  
> S NOTIF(20,1)="313^L^5;HPLASERJET^94"  
> D NEW(.RESULT,.NOTIF)
```

One new field is added to the WV PROCEDURE (#790.1) file. It is:
.16 PROCESSED Y/N?

- e) LATEST^WVRPCPR returns a list of entries for Pap Smear, Mammogram or Breast Ultrasound in reverse chronological order for the search criteria identified in the input parameters. It is documented in IA 4105.

LATEST(.RESULT,DFN,TYPE,DATES,MAX,DX)

Input:

.RESULT = Array name for return values. (Required)
DFN = Patient DFN. (Required)
TYPE = A set of codes where "P" stands for Pap Smear, "M" for Mammogram or "U" for Breast Ultrasound. (Required)
DATES = A date range in FileMan internal format separated by an uparrow (e.g., 3020101^3021231). (Optional).
The default is the previous 3 years.
MAX = The maximum number of entries to return. (Optional)
The default value is 10.
DX = A set of codes that identify a category of results where "N" stands for Normal, "A" stands for Abnormal, "P" stands for Pending and "*" (asterisk) stands for everything. (Optional)
The default is "*". It returns entries that are marked as "Unsatisfactory for DX" as well as Normal, Abnormal and Pending.

Output:

RESULT(0) = Number of matches
RESULT(n) = IEN^DFN^DATE^TYPE^DX CATEGORY^DX Result^RAD/LAB link
^STATUS

where n = A sequential number starting with 1
IEN = FILE 790.1 internal entry number

DFN = FILE 2 internal entry number
 DATE = Procedure date in FileMan format
 TYPE = Procedure name (from FILE 790.2)
 DX Category = 'Normal', 'Abnormal' or 'Pending'
 DX Result = FILE 790.31, Field .01 value
 RAD/LAB LINK = 0 stands for no link to radiology
 or lab package
 1 stands for link to radiology or lab
 package
 STATUS = FILE 790.1 entry status. 'OPEN' or
 'CLOSED'

If no matches were found, RESULT(0)=-1^error message.

Example:

```
> D LATEST(.RESULT,94,"M","3030101^3031231",10,"*") ZW RESULT
> RESULT(0)=1^
> RESULT(1)=314^94^3030321^MAMMOGRAM SCREENING^Normal^Negative^1^OPEN
```

f) RESULTS^WVALERTF returns any report text for a pap smear, mammogram or breast ultrasound for the WV PROCEDURE (#790.1) file entry identified. It is documented in IA 4106.

RESULTS(.RESULT,IEN)

Input:

RESULT = Array name that will identify the global reference containing the report text (Required).
 IEN = The internal entry number of the FILE 790.1 entry to return data on (Required).

Output:

^TMP("WV RPT",\$J,n,0) = report text

where n is a sequential number starting with 1.

If the entry is not found, the first node of the global array is returned with a '-1' in the first piece and an error message in the third piece:

^TMP("WV RPT",557902502,1,0) = -1^^Entry not found.

Example of report text found:

```
> D RESULTS(.RESULT,313) ZW RESULT
> RESULT=^TMP("WV RPT",557902502)
> D ^%G
> ^TMP("WV RPT",557902502,1,0) =          DAY-CASE #: 032103-1515
> ^TMP("WV RPT",557902502,2,0) =          EXAM DATE/TIME: MAR 21,
2003@13:30
> ^TMP("WV RPT",557902502,3,0) = VERIFYING PHYSICIAN: TAYLOR, FRANK
> ^TMP("WV RPT",557902502,4,0) =          PROCEDURE: MAMMOGRAM
SCREENING
> ...
> ...
```

2) A new option, Link Pap Smear with SNOMED Codes [WV PAP SMEAR SNOMED CODES], is added to the File Maintenance Menu [WV MENU-FILE MAINTENANCE]. With this option facilities can identify SNOMED codes used by their Lab Service when coding a Lab test that is a Pap Smear. The SNOMED codes

identified here can be matched to the SNOMED codes used in a Lab report to determine if that test is a Pap Smear. Currently, the WH user must look at the lab test and decide whether the lab test is a pap smear. After this patch is installed and the SNOMED codes are entered here, the WH software can make that determination automatically.

Several new fields are added to the WV PROCEDURE TYPE (#790.2) file.

They are: 1 MORPHOLOGY SNOMED CODE (subfile #790.21)
.01 MORPHOLOGY SNOMED CODE
1 DIAGNOSIS
2 TOPOGRAPHY SNOMED CODE (subfile #790.22)
.01 TOPOGRAPHY SNOMED CODE

3) The Edit Site Parameters [WV EDIT SITE PARAMETERS] option is modified to add two new prompts:

- a) "Update Result/Dx Field?:" - If set to YES, the data sent from CR will be used to update the patient's procedure data in FILE 790.1. If set to NO or null, no updating will be done. The value for this response is stored in a new field, UPDATE RESULTS/DX (.11), in the WV SITE PARAMETER (#790.02) file.
- b) "Update Treatment Needs?:" - If set to YES, the data sent from CR will be used to update the patient's treatment needs in FILE 790. If set to NO or null, no updating will be done. The value for this response is stored in a new field, UPDATE TREATMENT NEEDS (.12), in the WV SITE PARAMETER (#790.02) file.

4) The Add/Edit a Notification Purpose & Letter [WV ADD/EDIT NOT PURPOSE&LETTER] option is modified to add four new prompts:

- a) "Breast Treatment Need:" - This prompt is for a new field, BR TX NEED (.07), in the WV NOTIFICATION PURPOSE (#790.404) file. This field points to FILE 790.51 and shows the choices related to breast treatment needs.
- b) "Breast Treatment Due Date:" - This prompt is for a new field, BR TX DUE DATE (.08), in the WV NOTIFICATION PURPOSE (#790.404) file. This field is the amount of time to add to a procedure date or the current date to calculate a new breast treatment due date. The value should be a number followed by "D", "M" or "Y" (without the quotes). D indicates days. M indicates months. Y indicates years. For example, "90D" means add 90 days to the procedure date or current date to calculate the new breast treatment due date. This new treatment date will be automatically assigned to the patient in the WV PATIENT file (#790).
- c) "Cervical Treatment Need:" - This prompt is for a new field, CX TX NEED (.09), in the WV NOTIFICATION PURPOSE (#790.404) file. This field points to FILE 790.5 and shows the choices related to cervical treatment needs.
- d) "Cervical Treatment Due Date:" - This prompt is for a new field, CX TX DUE DATE (.1), in the WV NOTIFICATION PURPOSE (#790.404) file. This field is the amount of time to add to procedure date or the current date to calculate a new cervical treatment due date. The value should be a number followed by "D", "M" or "Y" (without the quotes). D indicates days. M indicates months. Y indicates years. For example, "90D" means add 90 days to the procedure date or current date to calculate the new cervical treatment due date. This new treatment date will be automatically assigned to the patient in the WV PATIENT file (#790).

If the "Update Treatment Needs?" parameter (3b above) is set to Yes and there are values in fields a-d, the software will use these values to update the patient's treatment needs in the WV PATIENT (#790) file.

5) The Print Notification Purpose & Letter File [WV PRINT NOTIF PURPOSE&LETTER] option is modified to display in the report output the values of the four new fields identified in #4 above.

6) The following new entries are added to the WV NOTIFICATION PURPOSE (#790.404) file:

```
CPRS UPDATE PAP TX NEED 4M
CPRS UPDATE PAP TX NEED 6M
CPRS UPDATE PAP TX NEED 3Y
CPRS UPDATE PAP TX NEED 2Y
CPRS UPDATE PAP TX NEED 1Y
CPRS UPDATE MAM TX NEED 1Y
CPRS UPDATE MAM TX NEED 2Y
CPRS UPDATE MAM TX NEED 6M
CPRS UPDATE MAM TX NEED 4M
MAM result NEM, next MAM 1Y
MAM result NEM, next MAM 2Y
MAM result NEM, next MAM 4M
MAM result NEM, next MAM 6M
MAM result abnormal, F/U MAM 4M
MAM result abnormal, F/U MAM 6M
PAP result NEM, next PAP 1Y
PAP result NEM, next PAP 2Y
PAP result NEM, next PAP 3Y
PAP result NEM, next PAP 4M
PAP result NEM, next PAP 6M
PAP result abnormal, F/U PAP 4M
PAP result abnormal, F/U PAP 6M
MAM unsatisfactory, need repeat
Pap unsatisfactory, need repeat
PAP result NEM, further screening not required
MAM result NEM, further screening not required
```

Facilities may customize these entries and use them when resolving Pap Smears and Mammograms or continue to use the entries they created locally. Use the Add/Edit a Notification Purpose & Letter [WV ADD/EDIT NOT PURPOSE&LETTER] option to customize these new entries.

7) The following entries are added or modified in the WV RESULTS/DIAGNOSIS (#790.31) file:

- a) No Evidence of Malignancy - This is a new entry that can be used to result a mammogram, pap smear or breast ultrasound.
- b) Abnormal - This is a new entry that can be used to result a mammogram, pap smear or breast ultrasound.
- c) Unsatisfactory for DX - This is an existing entry that is modified to result a breast ultrasound, too.

8) A new-style Index is added to the WV PROCEDURE (#790.1) file. The 'AC' index will provide a quicker search for entries needed by CR. A post-installation routine will index the existing entries in the file. The format of the index node is: ^WV(790.1,"AC",DFN,DATE,DA)=""

where: DFN = is the FILE 2 IEN of the patient
DATE = the date of procedure (FileMan internal format)
DA = the FILE 790.1 IEN

9) Before this patch, a mail message was sent to the patient's WH Case Manager when a mammogram was added to the WH database by the link with the Radiology/NM package or when a lab report was verified by the Lab package.

After this patch is installed, the WH package will tell the CPRS package to send a CPRS alert notification to the WH Case Manager and to the provider associated with the procedure.

Appendix E: Setting up Notification Letters

Step 1 – Edit default letter (one time only)

Use FileMan to edit the default WH letter template in WV LETTER file #790.6. Edit all the parts that will be common to all letters:

- Site address
- Site phone number
- Greeting
- Signature

WH looks for the name GENERIC SAMPLE LETTER.

This should be done by a CAC or ADPAC, not by the end user.

>>D P^DI

VA FileMan 22.0

Select OPTION: 1 ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: WV LETTER//
EDIT WHICH FIELD: ALL//

Note: This site has more than one default letter, but WH will only use the one named GENERIC SAMPLE LETTER.

Select WV LETTER: ?

Answer with WV LETTER
Choose from:
GENERIC SAMPLE LETTER
OLD GENERIC SAMPLE LETTER
TEST GENERIC LETTER

You may enter a new WV LETTER, if you wish
NAME MUST BE 3-30 CHARACTERS, NOT NUMERIC OR STARTING WITH
PUNCTUATION

Note: The letter templates contain objects that will be used to pull in patient information. This text is from page 2.3 of the WH User Manual:

The patient's name, address, and SSN will appear automatically within the letter at the places demarcated by the vertical bars "|" (e.g., |SSN|) when the letter is printed. This information is obtained from the WV PATIENT file (#790). If you do not wish to have a certain piece of information displayed in the letter, you should edit the text of the letter and remove that field name (e.g., SSN) and the vertical bars that surround it.

Other information that appears in the letter is the clinic name and address. This information is typed within quotes. You should edit the text between the quotes to display the correct clinic name and address (Note: Leave the quotes). If you plan on printing your letters on paper that

contains a letterhead you will want to remove altogether the lines containing the clinic name and address.

The field |NOWRAP| should be left as is. This permits the text of the letter to be printed as it appears on the terminal screen. Other fields may be deleted if not desired. For example, |TODAY| and |NOW| will print out the current date and date/time respectively. Future appointments may be included to print in a notification letter by typing the text “[APPOINTMENTS]” (without the quotes) in the text of the letter.

Because of the specific syntax of the fields and the possibility of corrupting them during edits, a recovery utility has been provided. The program to edit a purpose of notification always asks first if you wish to replace the existing form letter with a ‘generic sample letter’. Answering ‘Yes’ to that question will replace the existing form with a generic sample letter, which includes all of the original fields in their proper syntax.

```
Select WV LETTER: generic SAMPLE LETTER
LETTER: GENERIC SAMPLE LETTER  Replace

LETTER TEXT: . . .
. . .
```

```
Person's Name, title
Your clinic
Your phone number: nnn-nnnn
```

```
printed: |NOW|
```

```
Edit? NO// y YES
```

**Note: Now editing GENERIC SAMPLE LETTER – change items that are highlighted
Before the default GENERIC SAMPLE LETTER is edited:**

```
==[ WRAP ]==[ INSERT ]=====< LETTER TEXT >===== [ <PF1>H=Help ]====
|NOWRAP|
|CENTER("Women's Health Clinic")|
|CENTER("Your Street")|
|CENTER("Your City, ST Zip Code")|

|TODAY|

| $E (SSN#, 6, 9) |
| $P (NAME, ", ", 2) | | $P (NAME, ", ") |
| COMPLETE ADDRESS |
```

--

--

Step 2 – Edit/customize each individual notification letter (at least one time for each letter)

Use the WH option **AEP Add/Edit a Notification Purpose & Letter** to edit each individual notification letter in the WV NOTIFICATION PURPOSE file # 790.404.

```
MF  Manager's Functions ...
    FM  File Maintenance Menu ...
        AEP  Add/Edit a Notification Purpose & Letter
```

Do you wish to delete the old letter for this Purpose of Notification and replace it with the generic sample letter?
Enter Yes or No: NO//

Reply “YES” to this question the first time you edit each individual notification letter, to copy the GENERIC SAMPLE LETTER from WV LETTER file into the letter you are editing. When you save the customized letter, it will be saved in the WV NOTIFICATION PURPOSE file.

Reply “NO” to this question if you need to further customize a letter that has already been customized. Otherwise, by replying “YES” again, you will replace the customized letter with the default letter and lose all your former customized text. This may be desirable if some of the special coding has been corrupted and needs to be replaced so the letter will pull in the patient data correctly.

```
DVF,DEV>D ^XUP
```

```
Select OPTION NAME: women'S HEALTH MENU  WVMENU      Women's Health Menu      menu
                    Women's Health Main Menu v1.0      SALT LAKE CITY HCS

PM      Patient Management ...
MR      Management Reports ...
MF      Manager's Functions ...
```

```
Select Women's Health Menu Option: mf  Manager's Functions
```

```
WOMEN'S HEALTH:      *  MANAGER'S FUNCTIONS  *      SALT LAKE CITY HCS

FM      File Maintenance Menu ...
PQ      Print Queued Letters
MPM     Manager's Patient Management ...
LDE     Lab Data Entry Menu ...
```

```
Select Manager's Functions Option: fm  File Maintenance Menu
```

```
WOMEN'S HEALTH:      *  FILE MAINTENANCE MENU  *      SALT LAKE CITY HCS

AEP     Add/Edit a Notification Purpose & Letter
PPL     Print Notification Purpose & Letter File
ESN     Edit Synonyms for Notification Types
OUT     Add/Edit Notification Outcomes
ESP     Edit Site Parameters
CM      Add/Edit Case Managers
```


Cervical Treatment Due Date: 1Y

After the **GENERIC SAMPLE LETTER** has been copied into the **FORM LETTER** for the **PAP result NEM, next PAP 1Y notification** letter and before this individual notification letter has been customized:

```
==[ WRAP ]==[ INSERT ]===== < LETTER TEXT >===== [ <PF1>H=Help ]=====
```

```
|NOWRAP|
```

```
|CENTER("Women's Health Clinic")|
```

```
|CENTER("123 Clinic Street")|
```

```
|CENTER("Clinic City, SS 77777")|
```

```
|TODAY|
```

```
|$E(SSN#,6,9)|
```

```
|$P(NAME,"",2)| |$P(NAME,"")|  
|COMPLETE ADDRESS|
```

```
- -
```

```
- -
```

```
Dear Ms. |$P(NAME,"",1)|,
```

This is the body of the letter and should be edited to say what you want for this Purpose of Notification.

Sincerely,

WHNURSE, ONE, LPN
Women's Health Program
Phone: 777-7777

printed: |NOW|

```
<=====T=====T=====T=====T=====T=====T=====T=====T=====T=====>=====
```

After the individual notification letter has been customized:

==[WRAP]==[INSERT]===== < LETTER TEXT >===== [<PF1>H=Help]=====

|NOWRAP|

|CENTER("Women's Health Clinic")|

|CENTER("123 Clinic Street")|

|CENTER("Clinic City, SS 11111")|

|TODAY|

|\$E(SSN#,6,9)|

|\$P(NAME,"",2)| |\$P(NAME,"")|
|COMPLETE ADDRESS|

- -

- -

Dear Ms. |\$P(NAME,"",1)|,

The results of your latest PAP smear are NEM (No Evidence of Malignancy).

We would like to see you again in 1 year for your regular PAP smear screening. We will mail you a reminder letter in advance of that date, or you may schedule the appointment yourself by calling our Family Medicine Clinic at 777-7777 or our Women's Clinic at 777-7777.

Sincerely,

WHNURSE, ONE
Women's Health Program
Phone: 555-7777

printed: |NOW|

<=====T=====T=====T=====T=====T=====T=====T=====T=====T=====T>=====

Adding a new Dialog Element/Purpose of Notification

Steps

1. Create a new note in WH
2. Create a dialog element that includes WH.note, HF.health factor, and prompt PXRMM WH NOTE TYPE
3. Copy National reminder dialog to a local reminder dialog
4. Add your new dialog element to the local copy of reminder dialog

Create dialog element

The items added are **bold**, and the things that are necessary are underlined. Screen shots follow.

```
REMINDER DIALOG INQUIRY                               Oct 03, 2004 3:03:39 pm Page 1
-----
NUMBER: 1131

Name: LET'S DO LUNCH
Type: dialog element
Class: LOCAL
Sponsor:
Review Date:

Edit History:

Edit Date: OCT 3,2004 14:24      Edit By: WHNURSE,TWO
Edit Comments: Copied from VA-WH MAM RESULTS NEM NEXT MAM 2Y

Used by: VA-WH GP MAM RESULTS NEM (Dialog Group)

Dialog Text: LET'S DO LUNCH SOON, ok?
Alternate P/N Text: Invited the patient to lunch.
Exclude from P/N:
Resolution type: OTHER
Finding Item: LET'S DO LUNCH HF
Vital Prompt Caption:
Orderable item: N/A
Suppress Checkbox:
Exclude Mental Health
Test Text from P/N:
ADDITIONAL FINDINGS:
Finding item: LET'S DO LUNCH
Result Element/Group:

ELEMENT COMPONENTS:

Sequence: 5
Additional prompt: PXRMM WH NOTE TYPE
Prompt caption: Patient notified:
caption: Patient notified:
Start new line: YES
Exclude from P/N:
Required: YES
```

New dialog element;
Add it to your local copy of
the WH reminder dialog.

Text displays on screen
and in progress note

new health factor

new WH letter

This is what will make
the letter display and
update WH.

Reminder Resolution: Let's Do Lunch?

The VHA recommends that mammogram results be reviewed and recorded in the patient's electronic record.

WH Mammogram Clinical Review

No unprocessed procedure results in WH package.

Patient Notification

Notify patient of NEM (No Evidence of Malignancy) results

- NEM results - further screening not required
- NEM results - next mammogram 1 year
- NEM results - next mammogram 2 years
- NEM results - follow-up mammogram in 4 months
- NEM results - follow-up mammogram in 6 months
- LET'S DO LUNCH SOON, ok?

* Patient notified: Letter In-Person Phone Call

Notify patient of abnormal results

Unsatisfactory for diagnosis - record patient notification

Clear Clinical Maint Visit Info < Back Next > Finish Cancel

Ruth's Clinical Reminder Activity

Let's Do Lunch?:
Invited the patient to lunch.

Health Factors: **LET'S DO LUNCH HF**
WH Notification: **LET'S DO LUNCH**

* Indicates a Required Field



In Women's Health package:

Women's Health Main Menu v1.0

MF Manager's Functions ...

FM File Maintenance Menu ...

AEP Add/Edit a Notification Purpose & Letter

Select WV NOTIFICATION PURPOSE: **LET'S DO LUNCH** **ASAP**

Do you wish to delete the old letter for this Purpose of Notification
and replace it with the generic sample letter?

Enter Yes or No: NO//

```

* * * EDIT NOTIFICATION PURPOSE & LETTER * * *
-----
Purpose of Notification: LET'S DO LUNCH
      Active: YES
      Synonym:
      Priority: ASAP                FORM LETTER (WP): +

Result or Reminder Letter: RESULT
Associate with BR or CX Tx: BREAST TX

Breast Treatment Need:
Breast Treatment Due Date:
Cervical Treatment Need:
Cervical Treatment Due Date:
-----
```

Appendix F: Local Dialog Modification to Trigger Order Menu

Reminder Resolution: Mammogram Screening

The VHA recommends women age 40 and older have a mammogram every 1-2 years

Click here for more information...

Screening

- Order Mammogram**
- Record results of mammogram completed elsewhere
- Order - refer to Women's Health Provider
- Patient declined mammogram
- Defer mammogram
- Mammogram not indicated

Click here to change the frequency of mammograms for this patient

Clear Clinical Maint Visit Info < Back Next > Finish Cancel

Health Factors: **WH ORDER MAMMOGRAM SCREEN HF**
Orders: **Mammograms**

* Indicates a Required Field

Then when the Finish button is clicked, the order menu comes up:

Mammograms		Done
SCREENING MAMMOGRAMS (ANNUAL/SEMI ANNUAL WITH NO KNOWN PROBLEMS)		
Mammogram Bilat Screening (Sacramento)		
Mammogram Bilat Screening (Martinez)		
Mammogram Bilat Screening (McClellan)		
☛ Mammogram (Chico or Redding Outside Contract)		
DIAGNOSTIC MAMMOGRAM (KNOWN HISTORY/PATHOLOGY/IMPLANTS)		
Diagnostic Mammogram		
☛ Mammogram (Chico or Redding Outside Contract)		
F/U SINGLE BREAST OR POST MASTECTOMY (UNILATERAL)		
Mammogram Unilateral		
☛ Mammogram (Chico or Redding Outside Contract)		
Other radiology exams		

Appendix G: How to customize WH reminders and dialogs after installation

During testing at the Washington D.C. VA, we had some problems. Here is what we did to fix them. We hope this information helps sites fix problem reminders and reminder dialogs

The clinician noticed these problems with the VA-WH Mammogram Screening reminder and reminder dialog:

1. Order selection item **Mammogram – screening** was linked to the wrong quick order
2. Selection item for other mammogram orders were not linked to any quick order and needed to be removed
3. Selection item for **Order – refer to Women’s Health Provider** did not apply to this site and should be removed

Reminder Resolution: Mammogram Screening

The VHA recommends women age 40 and older have a mammogram every 1-2 years

Click here for more information...

Screening

Order mammogram

Mammogram - screening

Mammogram - bilateral

Mammogram - unilateral

Record results of mammogram completed elsewhere

Order - refer to Women's Health Provider

Patient declined mammogram

Defer mammogram

Mammogram not indicated

Click here to change the frequency of mammograms for this patient

Clear Clinical Maint Visit Info < Back Next > Finish Cancel

<No encounter information entered>

* Indicates a Required Field

These are the changes that were made to the dialog, using options on the PXRMANAGERS MENU:

1. Copy the national reminder dialog to create a local reminder dialog
 - a. National dialog: VA-WH MAMMOGRAM SCREENING
Print name: Mammogram Screening
 - b. Local dialog: DC VA-WH MAMMOGRAM SCREENING
Print name: Mammogram Screening – Local
2. **Order mammogram** is a group, so you need to copy the national group over to a local group
 - a. National group: VA-WH GP ORDERS - MAMMOGRAM SCREEN
 - b. Local group: DC VA-WH GP ORDERS - MAMMOGRAM SCREEN

3. This is what the new group DC VA-WH GP ORDERS - MAMMOGRAM SCREEN looks like:

```
1      Group: DC VA-WH GP ORDERS - MAMMOGRAM SCREEN
2      5      Element: VA-WH OR MAMMOGRAM SCREENING
3      10     Element: VA-WH OR MAMMOGRAM BILAT
4      15     Element: VA-WH OR MAMMOGRAM UNILAT
```

4. Edit the local group DC VA-WH GP ORDERS - MAMMOGRAM SCREEN and remove selection options 3 & 4 from the dialog group and this is what the group will look like when you're done:

```
1      Group: DC VA-WH GP ORDERS - MAMMOGRAM SCREEN
2      5      Element: VA-WH OR MAMMOGRAM SCREENING
```

5. **Order mammogram** is also part of a group **Screening**, so you need to copy this national group over to a local group:

- a. National group: VA-WH GP MAMMOGRAM SCREENING
- b. Local group: DC VA-WH GP MAMMOGRAM SCREENING

6. This is what the new group DC VA-WH GP ORDERS - MAMMOGRAM SCREEN looks like:

```
1      Group: DC VA-WH GP MAMMOGRAM SCREENING
2      5      Group: VA-WH GP ORDERS - MAMMOGRAM SCREEN
3      5.5     Element: VA-WH OR MAMMOGRAM SCREENING
4      5.10    Element: VA-WH OR MAMMOGRAM BILAT
5      5.15    Element: VA-WH OR MAMMOGRAM UNILAT
6      10     Element: VA-WH MAMMOGRAM DONE OUTSIDE
```

7. Edit the local group DC VA-WH GP ORDERS - MAMMOGRAM SCREEN and remove selection options 3 & 4 from the dialog group and this is what the group will look like when you're done:

```
1      Group: DC VA-WH GP MAMMOGRAM SCREENING
2      5      Group: DC VA-WH GP ORDERS - MAMMOGRAM SCREEN
3      5.5     Element: VA-WH OR MAMMOGRAM SCREENING
i. 10     Element: VA-WH MAMMOGRAM DONE OUTSIDE
```

8. Edit the local dialog DC VA-WH MAMMOGRAM SCREENING and replace the national group with the local group:

- a. National group: VA-WH GP ORDERS - MAMMOGRAM SCREEN
- b. Local group: DC VA-WH GP ORDERS - MAMMOGRAM SCREEN

9. Edit the local dialog DC VA-WH MAMMOGRAM SCREENING and remove this selection options

- a. Order – refer to Women's Health Provider

10. Create a quick order for mammogram screening if your site does not already have one using option ORCM QUICK ORDERS Enter/edit quick orders

11. Edit the national element VA-WH OR MAMMOGRAM SCREENING to point ADDITIONAL FINDINGS to the correct quick order:

```
Select ADDITIONAL FINDINGS: Q.GMRCZ
1      GMRCZ CARDIOLOGY CONSULT
```

```

2  GMRCZ DIETICIAN
3  GMRCZ EEG
4  GMRCZ MAMMOGRAM
5  GMRCZ PT FOR PNEUMONIA
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 5  GMRCZ MAMMOGRAM

```

```

Select ADDITIONAL FINDINGS: ?
Answer with ADDITIONAL FINDINGS:
GMRCZ MAMMOGRAM

```

IRM noticed these problems during installation:

1. Finding items for Radiology mammogram procedures could not be mapped because all mammograms are done off site and VistA Radiology package did not have procedures for mammograms.
2. When the order selections were removed from the dialog, it left health factor findings in the reminder that needed to be removed.

These are the changes that needed to be made to the reminder:

1. Copy the national Mammogram Screening reminder to a local reminder
 - a. National: VA-WH MAMMOGRAM SCREENING
 - b. Local: DC VA-WH MAMMOGRAM SCREENING
2. Edit the print name so you will be able to tell it from the national reminder
 - a. National: Mammogram Screening
 - b. Local: Mammogram Screening - Local
3. Copy this national reminder term to local reminder term and remove all the finding items for Radiology. Also edit the description of the term to explain why you are removing the findings.
 - a. National: VA-WH MAMMOGRAM SCREEN IN RAD PKG
 - b. Local: DC VA-WH MAMMOGRAM SCREEN IN RAD PKG

```

---- Begin: DC VA-WH MAMMOGRAM SCREEN IN RAD PKG (FI(5)=RT(462)) -----
          Finding Type: REMINDER TERM
          Use in Resolution Logic: OR

```

```

          Mapped Findings:
          Mapped Finding Item: RP.MAMMOGRAM BILAT
          Condition: I
          V("PDX") ["UNSATISFACTORY"&(V("SDX","*") ["UNSATISFACTORY"])

          Mapped Finding Item: RP.MAMMOGRAM BILAT
          Condition: I
          V("PDX") ["UNSATISFACTORY"&(V("SDX","*") ["UNSATISFACTORY"])

          Mapped Finding Item: RP.MAMMOGRAM UNILAT
          Condition: I
          V("PDX") ["UNSATISFACTORY"&(V("SDX","*") ["UNSATISFACTORY"])

```

```

---- End: DC VA-WH MAMMOGRAM SCREEN IN RAD PKG -----

```

4. Copy this national reminder term to a local reminder term and remove all the finding items for Radiology (RP.)
 - a. National: VA-WH MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG
 - b. Local: DC VA-WH MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG

```

---- Begin: VA-WH MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG
(FI(10)=RT(473))
      Finding Type: REMINDER TERM
      Use in Resolution Logic: OR

      Mapped Findings:
      Mapped Finding Item: RP.MAMMOGRAM BILAT
      Condition: I
V("PDX") ["UNSATISFACTORY"&(V("SDX","*") ["UNSATISFACTORY"])

      Mapped Finding Item: RP.MAMMOGRAM BILAT
      Condition: I
V("PDX") ["UNSATISFACTORY"&(V("SDX","*") ["UNSATISFACTORY"])

      Mapped Finding Item: RP.MAMMOGRAM UNILAT
      Condition: I
V("PDX") ["UNSATISFACTORY"&(V("SDX","*") ["UNSATISFACTORY"])

      Mapped Finding Item: CF.VA-WH MAMMOGRAM IN WH PKG
      Condition: I (V("VALUE")="Unsatisfactory")
      Condition Case Sensitive: NO

---- End: VA-WH MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG -----

```

5. Copy this national reminder term to local reminder term and remove the finding items for the two health factors belonging to the orders we removed from the dialog:
 - a. National: VA-WH BREAST CARE ORDER HEALTH FACTOR
 - b. Local: DC VA-WH BREAST CARE ORDER HEALTH FACTOR

```

---- Begin: VA-WH BREAST CARE ORDER HEALTH FACTOR (FI(7)=RT(471)) -----
      Finding Type: REMINDER TERM
      Use in Resolution Logic: OR
      Beginning Date/Time: T-9M

      Mapped Findings:
      Mapped Finding Item: HF.WH ORDER MAMMOGRAM SCREEN HF
      Health Factor Category: WH MAMMOGRAM

      Mapped Finding Item: HF.WH ORDER MAMMOGRAM BILAT HF
      Health Factor Category: WH MAMMOGRAM

      Mapped Finding Item: HF.WH ORDER MAMMOGRAM UNILAT HF
      Health Factor Category: WH MAMMOGRAM

---- End: VA-WH BREAST CARE ORDER HEALTH FACTOR -----

```

6. Edit the local Mammogram Screening reminder and replace the three national reminder terms with the three local terms:

Reminder Definition Findings

Choose from:

RT	DC VA-WH BREAST CARE ORDER HEALTH FACTOR	Finding #: 7
RT	DC VA-WH MAMMOGRAM SCREEN IN RAD PKG	Finding #: 5
RT	DC VA-WH MAMMOGRAM UNSATISFACTORY IN RAD/WH PKG	Finding #: 10
RT	VA-TERMINAL CANCER PATIENT	Finding #: 3
RT	VA-WH BILATERAL MASTECTOMY	Finding #: 2
RT	VA-WH HX BREAST CANCER/ABNORMAL MAM	Finding #: 15
RT	VA-WH MAMMOGRAM ORDER	Finding #: 16
RT	VA-WH MAMMOGRAM SCREEN DEFER	Finding #: 9
RT	VA-WH MAMMOGRAM SCREEN DONE	Finding #: 6
RT	VA-WH MAMMOGRAM SCREEN FREQ - 1Y	Finding #: 13
RT	VA-WH MAMMOGRAM SCREEN FREQ - 2Y	Finding #: 14
RT	VA-WH MAMMOGRAM SCREEN FREQ - 4M	Finding #: 11
RT	VA-WH MAMMOGRAM SCREEN FREQ - 6M	Finding #: 12
RT	VA-WH MAMMOGRAM SCREEN IN WH PKG	Finding #: 4
RT	VA-WH MAMMOGRAM SCREEN NOT INDICATED	Finding #: 8

This is the result of the dialog changes:

The VHA recommends women age 40 and older have a mammogram every 1-2 years

Click here for more information...

Screening

Order mammogram

Mammogram - screening

Record results of mammogram completed elsewhere

Order - refer to Women's Health Provider

Patient declined mammogram

Defer mammogram

Mammogram not indicated

Click here to change the frequency of mammograms for this patient

Clear Clinical Maint Visit Info < Back Next > Finish Cancel

<No encounter information entered>

* Indicates a Required Field

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