



Clinical Reminders

**Patch PXRМ*2*11
National Reminder and Dialog Updates**

INSTALLATION & SETUP GUIDE

October 2008

Health Provider Systems
Department of Veterans Affairs

Contents

INTRODUCTION	1
Web Sites.....	1
PRE-INSTALLATION	2
Required Software.....	2
Estimated Installation Time.....	2
Pre-Installation Steps.....	2
INSTALLATION	5
1. Retrieve the PXR*2.0*11 build.....	5
2. Install the build first in a training or test account.....	5
3. Load the distribution.....	5
a. Backup a Transport Global.....	5
b. Compare Transport Global to Current System.....	5
c. Verify Checksums in Transport Global.....	5
d. Print Transport Global (optional).....	6
4. Install the build.....	6
5. Install File Print (optional).....	7
6. Build File Print (optional).....	7
7. Post-installation routine.....	7
8. Deletion of init routines.....	8
SETUP AND MAINTENANCE	9
Overview.....	9
Setup Steps.....	12
1. Repeat the pre-installation reminder inquiry and compare the pre- and post-installation output... ..	12
2. Map Local Findings to National Terms.....	13
3. Edit Reminder Dialogs.....	14
Mapping a consult quick order for the VA-TBI SCREENING reminder dialog:	17
4. Verify that the dialogs function properly.....	17
APPENDIX A: INSTALLATION EXAMPLE	19
APPENDIX B: SETTING UP A TIU/HS OBJECT FOR THE AUDIT-C TEST	21
APPENDIX C: COMPUTED FINDING DESCRIPTIONS	24

Introduction

Patch PXR*2.0*11 includes the following modifications to the Clinical Reminders package:

- Updates eleven reminder definitions (and their dialogs if there is one attached), based on changes required by the Office of Patient Care Services and problems reported in Remedy tickets.
- Installs four new reminders.
- Installs 11 new or modified service-related computed findings.
- Updates URLs in six reminders.
- Modifies Location List exclusion functionality
- Modifies Reminder Test output
- Corrects several problems reported in Remedy tickets:
 - 229723 Nat'l reminder component "PXR AUDC RESULT has errors
 - 233994 Discrepancy between VA-Iraq/Afghan Post Deploy reminder dialog and clinical maintenance display
 - 242238 Duplicate text in AIMS test
 - 239704 Display inconsistent for VA-IRAQ&AFGHANISTAN POST DEPLOYMENT
 - 234380. National OIF reminder is producing conflicting information in clinical maintenance vs the reminder dialog concerning section 4
 - 238209 Functionality of I/A and TBI reminders

See the Setup section of this manual for instructions about mapping terms and dialogs.

Web Sites

Site	URL	Description
National Clinical Reminders site	http://vista.med.va.gov/reminders	Contains manuals, PowerPoint presentations, and other information about Clinical Reminders
VA Mental Health Home	http://vaww.mentalhealth.va.gov/	Contains items of interest for all VA mental health clinicians
VistA Document Library	http://www.va.gov/vdl/	Contains manuals for Clinical Reminders and Mental Health YS*5.01*85

Pre-Installation

This manual describes how to install and set up Clinical Reminders patch PXRМ*2.0*11.

Required Software

Package/Patch	Namespace	Version	Comments
Clinical Reminders	PXRМ	2.0	Fully patched
Health Summary	GMTS	2.7	Fully patched
HL7	HL	1.6	Fully patched
Kernel	XU	8.0	Fully patched
MailMan	XM	7.1	Fully patched
Mental Health YS*5.01*85	YS	5.01	
Pharmacy Data Management PSS*1.0*112	PSS	1.0	
Outpatient Pharmacy PSO*7.0*245	PSO	7.0	
VA FileMan	DI	22	Fully patched

Estimated Installation Time

Setup before installation	Approximately 30 minutes
Installation	About 5-10 minutes
Setup after installation by the Reminder Manager or CAC to address local implementation	Approximately one hour (depending partly on the experience level of the manager or CAC)

Pre-Installation Steps

1. Do a reminder definition inquiry on the following reminders and save for post-installation comparisons:

VA-ALCOHOL AUDIT-C POSITIVE F/U
VA-ALCOHOL USE SCREEN (AUDIT-C)
VA-BL DEPRESSION SCREEN
VA-BL PTSD SCREEN
VA-BL OEF/OIF FEVER
VA-BL OEF/OIF GI SX
VA-BL OEF/OIF SKIN SX
VA-DEPRESSION SCREENING
VA-IRAQ & AFGHAN POST-DEPLOY SCREEN
VA-MHV CERVICAL CANCER SCREEN

VA-MHV COLORECTAL CANCER SCREEN
VA-MHV DIABETES FOOT EXAM
VA-MHV DIABETES RETINAL EXAM
VA-MHV HYPERTENSION
VA-MHV INFLUENZA VACCINE
VA-MHV MAMMOGRAM SCREENING
VA-MHV PNEUMOVAX
VA-PTSD SCREENING
VA-TBI SCREENING

2. Do a reminder term inquiry and save for post-installation comparisons

The following terms have changed and may need to be remapped, if previously mapped locally. **The ones in bold will almost definitely need remapping.** Please use the option, “Inquire about a reminder term” on these terms for post-installation comparison and remapping.

VA-COGNITIVE IMPAIRMENT
VA-DEPRESSION SCREEN OEF/OIF
VA-LDL
VA-MHV BARIUM ENEMA
VA-MHV COLONOSCOPY
VA-MHV DIABETIC FOOT EXAM COMPLETE
VA-MHV DIABETIC FOOT EXAM INSPECTION
VA-MHV DIABETIC FOOT EXAM MONOFILAMENT
VA-MHV DIABETIC FOOT EXAM PULSES
VA-MHV HBA1C <8.0
VA-MHV HBA1C >7.9
VA-MHV HBA1C ALL RESULTS
VA-MHV HDL – lab test and outside lab test
VA-MHV INFLUENZA IMMUNIZATION
VA-MHV LIPID PANEL ORDERABLE ITEMS
VA-MHV OCCULT BLOOD PANEL
VA-MHV OCCULT BLOOD SINGLE TEST
VA-MHV OUTSIDE LDL
VA-MHV OUTSIDE LDL>99
VA-MHV PNEUMOCOCCAL IMMUNIZATION
VA-MHV SIGMOIDOSCOPY
VA-MHV TOTAL CHOLESTEROL
VA-MHV TRIGLYCERIDES
VA-PTSD SCREEN
VA-WH HYSTERECTOMY W/CERVIX REMOVED
VA-WH MAMMOGRAM ORDER
VA-WH MAMMOGRAM SCREEN DEFER
VA-WH MAMMOGRAM SCREEN DONE
VA-WH MAMMOGRAM SCREEN NOT INDICATED

VA-WH PAP SMEAR DONE
VA-WH PAP SMEAR OBTAINED
VA-WH PAP SMEAR ORDER HEALTH FACTOR
VA-WH PAP SMEAR SCREEN NOT INDICATED

3. **Create an Audit-C TIU/HS Object for the VA-Alcohol Use Screen Reminder** (see instructions in [Appendix B](#)).
4. The reminder dialog element VA-PDIQ POLYTRAUMA CONSULT, which is used to order a TBI consult, is overwritten in the install. You will need to re-enter the finding item for this element using the menu or quick order that you use to order a TBI consult.

Installation

This build can be installed with users on the system, but it should be done during non-peak hours.

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

1. Retrieve the PXR*2.0*11 build

Use ftp to access the build – the name of the host file is PXR*_2_0_11.KID – from one of the following locations:

Albany	ftp.fo-albany.med.va.gov	<ftp://ftp.fo-albany.med.va.gov>
Hines	ftp.fo-hines.med.va.gov	<ftp://ftp.fo-hines.med.va.gov>
Salt Lake City	ftp.fo-slc.med.va.gov	<ftp://ftp.fo-slc.med.va.gov>

2. Install the build first in a training or test account.

Installing in a non-production environment will give you time to get familiar with new functionality and complete the setup for reminders and dialogs prior to installing the software in production.

3. Load the distribution.

In programmer mode type, D ^XUP, select the Kernel Installation & Distribution System menu (XPD MAIN), then the Installation option, and then the option LOAD a Distribution. Enter your directory name and PXR*_2_0_11.KID at the Host File prompt.

Example

```
Select Installation Option: LOAD a Distribution

Enter a Host File: PXR*_2_0_11.KID

KIDS Distribution saved on June 14, 2008@11:53:53
Comment: PXR*2.0*11
```

From the Installation menu, you may elect to use the following options:

a. Backup a Transport Global

This option will create a backup message of any routines exported with the patch. It will NOT back up any other changes such as DDs or templates.

b. Compare Transport Global to Current System

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

c. Verify Checksums in Transport Global

This option will allow you to ensure the integrity of the routines that are in the transport global. If there are any discrepancies, do not run the Install Package(s) option. Instead, run the Unload a Distribution option to remove the Transport Global from your system. Retrieve the file again from the anonymous directory (in case there was corruption in FTPing) and Load the Distribution again. If the problem still exists, log a Remedy ticket and/or call the national Help Desk (1-888-596-HELP) to report the problem.

d. Print Transport Global (optional)

This option will allow you to view the components of the KIDS build.

4. Install the build.

From the Installation menu on the Kernel Installation and Distribution System (KIDS) menu, run the option Install Package(s). Select the build PXRМ*2.0*11 and proceed with the install. If you have problems with the installation, log a Remedy ticket and/or call the National Help Desk to report the problem.

```
Select Installation & Distribution System Option: Installation
Select Installation Option: INSTALL PACKAGE(S)
Select INSTALL NAME: PXRМ*2.0*11
```

Answer "NO" to the following prompt:

Want KIDS to INHIBIT LOGONs during install? NO// **NO**

NOTE: DO NOT QUEUE THE INSTALLATION, because this installation may ask questions requiring responses and queuing will stop the installation. The most common are replacements for finding items or quick orders during the installation of Reminder Exchange file entries.

The reminder dialog element VA-PDIQ POLYTRAUMA CONSULT, which is used to order a TBI consult, is overwritten in the install. You will need to re-enter the finding item for this element using the menu, order dialog, or quick order that you use to order a TBI consult.

Installation Example

See [Appendix A](#).

```
Setting up programmer environment
Terminal Type set to: C-VT220

Select OPTION NAME: XPD MAIN      Kernel Installation & Distribution System menu
Select Kernel Installation & Distribution System Option: Installation

Select Installation Option: Install Package(s) [XPD INSTALL BUILD]

Select INSTALL NAME: PXR*2.0*11
```

5. Install File Print (optional)

Use the KIDS Install File Print option to print out the results of the installation process.

```
Select Utilities Option: Install File Print
Select INSTALL NAME: PXR*2.0*11
```

6. Build File Print (optional)

Use the KIDS Build File Print option to print out the build components.

```
Select Utilities Option: Build File Print
Select BUILD NAME: PXR*2.0*11 CLINICAL REMINDERS
DEVICE: HOME//
```

7. Post-installation routine

The installation will place the following exchange file entries in the Reminder Exchange file #811.8:

PATCH 11 ITEMS

VA-ALCOHOL AUDIT-C POSITIVE F/U
VA-ALCOHOL USE SCREEN (AUDIT-C
VA-BL DEPRESSION SCREEN
VA-BL PTSD SCREEN
VA-BL OEF/OIF EMBEDDED FRAGMENTS
VA-BL OEF/OIF FEVER
VA-BL OEF/OIF GI SX
VA-BL OEF/OIF SKIN SX
VA-CV ELIG W/HF FOR NO SERVICE
VA-CV INELG W/HF FOR SERVICE
VA-DEPRESSION SCREENING
VA-IRAQ & AFGHAN POST-DEPLOY SCREEN
VA-MHV CERVICAL CANCER SCREEN
VA-MHV COLORECTAL CANCER SCREEN
VA-MHV DIABETES FOOT EXAM
VA-MHV DIABETES RETINAL EXAM

VA-MHV HYPERTENSION
VA-MHV INFLUENZA VACCINE
VA-MHV MAMMOGRAM SCREENING
VA-MHV PNEUMOVAX
VA-OEF/OIF MONITOR REPORTING
VA-PTSD SCREENING
VA-TBI SCREENING

The post-init will install all the components of these Exchange file entries on your system. After the installation has finished, if you discover that any of these components weren't installed correctly, you can use the Reminder Exchange option on the Reminders Manager Menu to install them.

8. Deletion of init routines

After everything has been successfully installed you may delete the following init routines:
PXRMP11I, PXRMP11E

Setup and Maintenance

Overview

PXRM*2.0*11 includes the following additions and modifications:

- New and modified national reminder definitions and dialogs
 - New reminders to help clerks reconcile HEC data and self-reported VA-IRAQ/AFGHAN SERVICE health factor
 - New national reminder for the monitor
- New and modified computed findings
- Modified Location List exclusion functionality
- Modified Reminder Test output
- Fixes to My HealthVet reminders function finding pointers

New Reminder Definitions

VA-BL OEF/OIF EMBEDDED FRAGMENTS	New reminder for branching logic in the new 4 th question in the last section of the OEF/OIF reminder. Used for branching logic to indicate in the reminder dialog that an item is already completed or not needed.
VA-CV ELIG W/HF FOR NO SERVICE VA-CV INELG W/HF FOR SERVICE	These two reminders are designed to aid sites in identifying patients whose combat veteran eligibility data and data collected from the OEF/OIF Screening reminder are not in agreement. Reminder patient list functionality can be used to identify patients needing reconciliation
VA-OEF/OIF MONITOR REPORTING	New reminder for reporting this monitor. Excludes non-combat vets from the denominator; requires two visits after discharge separation.

Modified national reminder definitions

- VA-ALCOHOL AUDIT-C POSITIVE F/U EVAL
- VA-ALCOHOL USE SCREEN (AUDIT-C)
- VA-BL OEF/OIF FEVER
- VA-BL OEF/OIF GI SX
- VA-BL OEF/OIF SKIN SX

- VA-DEPRESSION SCREENING
- VA-IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN
- VA-MHV COLORECTAL CANCER SCREEN
- VA-MHV HYPERTENSION
- VA-MHV DIABETES RETINAL EXAM
- VA-PTSD SCREENING
- VA-TBI SCREENING

New and modified Service-related Computed Findings

- VA-AGENT ORANGE EXPOSURE
- VA-COMBAT SERVICE
- VA-COMBAT VET ELIGIBILITY
- VA-LAST SERVICE SEPARATION DATE (modified)
- VA-OEF SERVICE
- VA-OIF SERVICE
- VA-POW
- VA-PURPLE HEART
- VA-SERVICE BRANCH
- VA-UNKNOWN OEF/OIF SERVICE
- VA-VETERAN (modified)

Modified Location List exclusion functionality

- Exclusion location list can be defined once
- Any location lists can reference the pre-defined Exclusion location list

Modified My HealtheVet Reminders

- Updated URLs:
 VA-MHV CERVICAL CANCER SCREEN
 VA-MHV DIABETES FOOT EXAM
 VA-MHV DIABETES RETINAL EXAM
 VA-MHV HYPERTENSION
 VA-MHV INFLUENZA VACCINE
 VA-MHV MAMMOGRAM SCREENING
- VA-MHV COLORECTAL CANCER SCREEN
 Added reminder term for barium enema
- VA-MHV DIABETES RETINAL EXAM
 Updated to use only prior exam as indication of frequency of exams instead of HbA1c level and use of insulin.

- VA-MHV HYPERTENSION
Converted findings to national reminder terms.
- VA-MHV INFLUENZA VACCINE
Updated the date to August 2008
- VA-MHV PNEUMOVAX
The reminder term VA-MHV HIGH RISK FOR PNEUMONIA was made national.

Dialog Updates

VA-DEPRESSION SCREEN	PHQ-9 not required; MH test in dialog set to '2' – required if opened; informational text for dialog edited to remove PHQ-9
VA-PTSD SCREENING	<ul style="list-style-type: none"> • MH test in dialog set to '2' – required if opened • Added Acute Illness to dialog
VA-IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN	<ul style="list-style-type: none"> • Added cognitive impairment • Added done elsewhere • Doesn't ask the "Did you serve...?" question if combat vet eligible • Substituted Q4D – asks about embedded fragments

Setup Steps

1. Repeat the pre-installation reminder inquiry and compare the pre- and post-installation output.

The following reminder definitions have been changed. These may require remapping. The ones in red may require remapping as well as a check of the dialog for any orders that need to be re-linked.

Reminder	Change
VA-ALCOHOL AUDIT-C POSITIVE F/U EVAL	Fixed branching logic
VA-ALCOHOL USE SCREEN (AUDIT-C)	Changes to dialog. Removed date from term and moved to the health factor for “No alcohol in the past 1 year”
VA-BL OEF/OIF FEVER	Fixed logic
VA-BL OEF/OIF GI SX	Fixed logic
VA-BL OEF/OIF SKIN SX	Fixed logic
VA-DEPRESSION SCREENING	Changes to terms and dialog; verify/report any changes
VA-IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN	Multiple changes: <ul style="list-style-type: none"> • Added Combat Vet to logic • Excluded those who did not serve from denominator • Added cognitive impairment to exclusions • Added done elsewhere to resolutions • Updated dates of health factors for depression/PTSD to 10/1/08
VA-MHV COLORECTAL CANCER SCREEN	VA-MHV BARIUM ENEMA added
VA-MHV HYPERTENSION	Uses reminder terms
VA-MHV DIABETES RETINAL EXAM	Frequency depends on no retinopathy only
VA-PTSD SCREENING	Added veteran status Added Acute Illness to the dialog
VA-TBI SCREENING	Two new Finding Items were added: VA-COMBAT VET and (FI10) VA-COGNITIVE IMPAIRMENT, and a change in the Cohort and Resolution logic

2. Map Local Findings to National Terms

The following terms have changed and may need to be remapped, if previously mapped locally:

The ones in bold will almost definitely need remapping.

Term	Mapping
VA-COGNITIVE IMPAIRMENT	
VA-DEPRESSION SCREEN OEF/OIF	
VA-LDL	All local lab tests for LDL
VA-MHV BARIUM ENEMA	Add outside BE
VA-MHV COLONOSCOPY	Add outside colonoscopies or other HF's
VA-MHV DIABETIC FOOT EXAM COMPLETE	All 3 components completed
VA-MHV DIABETIC FOOT EXAM INSPECTION	Local exams and/or HF's
VA-MHV DIABETIC FOOT EXAM MONOFILAMENT	Local exams and/or HF's
VA-MHV DIABETIC FOOT EXAM PULSES	Local exams and/or HF's
VA-MHV HBA1C <8.0	Local labs with condition I +V<8and outside HF's
VA-MHV HBA1C >7.9	
VA-MHV HBA1C ALL RESULTS	
VA-MHV HDL – lab test and outside lab test	
VA-MHV INFLUENZA IMMUNIZATION	Two national entries are included
VA-MHV LIPID PANEL ORDERABLE ITEMS	
VA-MHV OCCULT BLOOD PANEL	Lab test for panel
VA-MHV OCCULT BLOOD SINGLE TEST	Lab test for individual tests in the occult blood panel e.g. occult blood #1, occult blood #2, occult blood #3
VA-MHV OUTSIDE LDL	Local HF's for outside LDLs, national HF's are included
VA-MHV OUTSIDE LDL>99	Outside HF's, national HF's are included
VA-MHV PNEUMOCOCCAL IMMUNIZATION	National entry is included
VA-MHV SIGMOIDOSCOPY	Outside sigmoidoscopies or other HF's
VA-MHV TOTAL CHOLESTEROL	Local labs and outside HF's
VA-MHV TRIGLYCERIDES	Local labs and outside HF's
VA-PTSD SCREEN	
VA-WH HYSTERECTOMY W/CERVIX REMOVED	Includes taxonomy and national HF
VA-WH MAMMOGRAM ORDER	Orderable item and HF included, add local

	HF's or orders
VA-WH MAMMOGRAM SCREEN DEFER	Two national HF's included
VA-WH MAMMOGRAM SCREEN DONE	Taxonomies and national HF included, add any local HF's
VA-WH MAMMOGRAM SCREEN NOT INDICATED	Includes terminal cancer and limited life expectancy, add local HF's for limited life expectancy
VA-WH PAP SMEAR DONE	Includes taxonomy and national HF
VA-WH PAP SMEAR OBTAINED	Includes national taxonomy
VA-WH PAP SMEAR ORDER HEALTH FACTOR	Already contains four national HF's
VA-WH PAP SMEAR SCREEN NOT INDICATED	Limited life expectancy and terminal cancer taxonomy, add local HF's for limited life expectancy

Example: Mapping a Local Health Factor Finding to the National Reminder Term

```

Select Reminder Term Management Option: te Add/Edit Reminder Term

Select Reminder Term: VA-ALCOHOL USE SCREEN NATIONAL
...OK? Yes// (Yes)

Select FINDING ITEM: 10-Question Audit
Searching for a MENTAL HEALTH INSTRUMENT, (pointed-t
    Searching for a MENTAL HEALTH INSTRUMENT
    TENS
    ...OK? Yes// (Yes)
Are you adding 'TENS' as a new FINDINGS (the 6TH for this REMINDER TERM)? No//
Y (Yes)
Editing Finding Number: 6 FINDING ITEM: 10-Question Audit
EFFECTIVE PERIOD:
USE INACTIVE PROBLEMS:
WITHIN CATEGORY RANK:
EFFECTIVE DATE:
MH SCALE:
CONDITION:
CONDITION CASE SENSITIVE:
RX TYPE:
Select FINDING ITEM:
  
```

Enter local health factors or exams that your site uses to represent positive or negative screens for alcohol use.

3. Edit Reminder Dialogs

Several Dialog Elements may need to be remapped after patch 11 is installed. **For example, the reminder dialog element VA-PDIQ POLYTRAUMA CONSULT, which is used to order a TBI consult, is overwritten in the install. You will need to re-enter the finding item for this element using the menu or quick order that you use to order a TBI consult. VA-GP ALC SCREEN POS REFERRAL is also overwritten.**

The objects in the element TXT ALC LABS & VS, in the VA-GP ALC AUDIT >7 (added after Patch 6 was installed) will also need to be remapped.

Check the dialogs for any orders that need to be re-linked for the following:

- VA-ALCOHOL AUDIT-C POSITIVE F/U EVAL
- VA-ALCOHOL USE SCREEN (AUDIT-C)
- VA-BL DEPRESSION SCREENING
- VA-IRAQ & AFGHAN POST-DEPLOY SCREEN
- VA-IRAQ/AFGHAN SERVICE
- VA-MHV HIGH RISK FOR PNEUMONIA
- VA-MHV INFLUENZA IMMUNIZATION
- VA-PTSD SCREENING

Steps to add or edit dialog elements:

- a. Select Dialog management (DM) from the Reminders Manager Menu, then select Dialog (DI):

```
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                               Aug 30, 2007@09:55:38           Page: 1 of 8
REMINDER VIEW (ALL REMINDERS BY NAME)

Item Reminder Name                        Linked Dialog Name & Dialog Status
1  AGETEST                                AGETEST                               Disabled
7  ALCOHOL USE SCREEN                     ALCOHOL USE SCREEN DIALOG
3  HIV HEPATITIS A SEROLOGIC TESTING     HIV HEPATITIS A SEROLOGIC T
4  HYPERTENSION                           HYPERTENSION GROUP                   Disabled
5  Hypertension Screen (VHACHS)           Hypertension Screen (local)

+  Enter ?? for more actions >>>
AR  All reminders                          LR  Linked Reminders      QU  Quit
CV  Change View                            RN  Name/Print Name
Select Item: Next Screen//
```

- b. Use the Change View (CV) action to see the Dialog Elements view.

```
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// E Dialog Elements
Dialog List                               Sep 04, 2007@10:36           Page: 1 of 120
DIALOG VIEW (DIALOG ELEMENTS)

Item Dialog Name                          Dialog type                      Status
```


Mapping a consult quick order for the VA-TBI SCREENING reminder dialog:

1. Type the name of the dialog element, VA-PDIQ POLYTRAUMA CONSULT (or TBI OI CONSULT FOR KNOWN TBI?)

```
Select Item: Next Screen// SL SL
Search for: VA-TBI OI CONSULT FOR KNOWN TBI
...searching for ' VA-TBI OI CONSULT FOR KNOWN TBI'.....
```

2. At the “Find Next” prompt, type No.
3. Type the item number next to the element.
4. At the finding Item Prompt, enter Q. plus the name of the site-specific Quick Order or order menu.
5. Press Enter at the Additional Finding prompt.

4. Verify that the dialogs function properly

Test the 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:

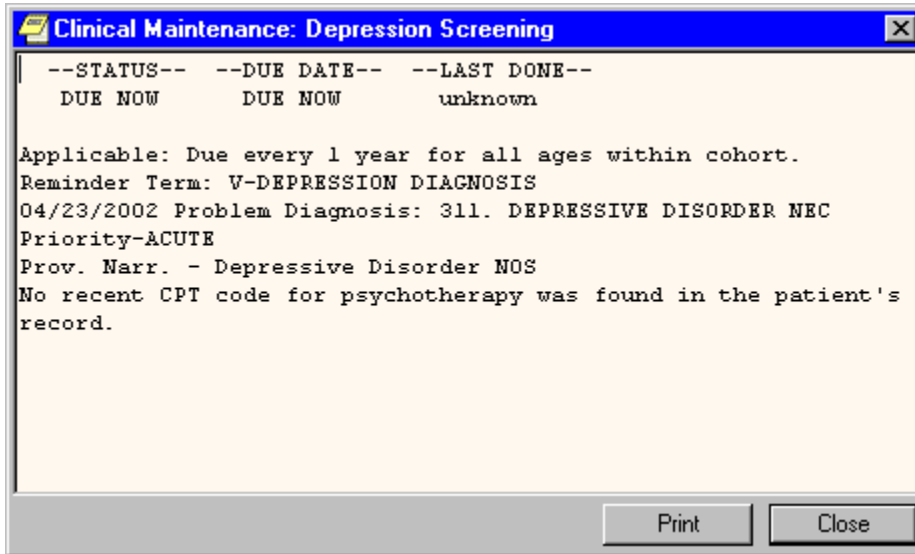
- Correct Progress Note text is posted
- Finding Item gets sent to PCE
- Reminder is satisfied

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 and visit information.
4. Open the Reminders drawer and review the contents.
5. Locate the 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.
10. Check the Clinical Maintenance component display in Health Summaries and CPRS after the reminder dialog is complete.



11. Repeat steps 5-10 for the Depression Assessment, Iraq & Afghan Post-Deployment Screen, and VA-PTSD SCREENING dialogs.

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 the follow-up reminder become due because of positive results.

Appendix A: Installation Example

```
Select Installation Option: INSTAll Package(s)
Select INSTALL NAME:      PXRm*2.0*11      Loaded from Distribution  10/7/08@14:01:56
=> PXRm*2.0*11 ;Created on Sept 26, 2008@11:08:46

It consisted of the following Install(s):
  PXRm*2.0*11

Install Started for PXRm*2.0*11 :
      Oct 07, 2008@05:47:49

Build Distribution Date: Sep 26, 2008

Installing Routines:                Oct 07, 2008@05:47:49

Running Pre-Install Routine: PRE^PXRMP11I

DISABLE options.

DISABLE protocols.
Removing old data dictionaries.
Deleting data dictionary for file # 810.9

Installing Data Dictionaries:      Oct 07, 2008@05:47:50

Installing Data:
      Oct 07, 2008@05:47:52

Running Post-Install Routine: POST^PXRMP11I

Rebuilding Function Finding internal data structures.

ENABLE options.

ENABLE protocols.

There are 25 Reminder Exchange entries to be installed.

Installing Reminder Exchange entry PATCH 11 LOCATION LIST
Installing Reminder Exchange entry VA-ALCOHOL AUDIT-C POSITIVE F/U EVAL
Installing Reminder Exchange entry VA-ALCOHOL USE SCREEN (AUDIT-C)
Installing Reminder Exchange entry VA-BL OEF/OIF EMBEDDED FRAGMENTS
Installing Reminder Exchange entry VA-BL OEF/OIF FEVER
Installing Reminder Exchange entry VA-BL OEF/OIF GI SX
Installing Reminder Exchange entry VA-BL OEF/OIF SKIN SX
Installing Reminder Exchange entry VA-CV ELIG W/HF FOR NO SERVICE
Installing Reminder Exchange entry VA-CV INELG W/HF FOR SERVICE
Installing Reminder Exchange entry VA-DEPRESSION SCREENING
```

```
Installing Reminder Exchange entry VA-IRAQ & AFGHAN POST-DEPLOY SCREEN
Installing Reminder Exchange entry VA-MHV BMI > 25.0
Installing Reminder Exchange entry VA-MHV CERVICAL CANCER SCREEN
Installing Reminder Exchange entry VA-MHV COLORECTAL CANCER SCREEN
Installing Reminder Exchange entry VA-MHV DIABETES FOOT EXAM
Installing Reminder Exchange entry VA-MHV DIABETES RETINAL EXAM
Installing Reminder Exchange entry VA-MHV HYPERTENSION
Installing Reminder Exchange entry VA-MHV INFLUENZA VACCINE
Installing Reminder Exchange entry VA-MHV LDL CONTROL
Installing Reminder Exchange entry VA-MHV MAMMOGRAM SCREENING
Finding RP.MAMMOGRAM UNILAT does not exist; input a replacement or ^ to quit the
install.
Select RAD/NUC MED PROCEDURES NAME: MAMMOGRAPHY SCREENING (RAD Detailed)
CPT:77057
Finding RP.MAMMOGRAM UNILAT does not exist; input a replacement or ^ to quit the
install.
Select RAD/NUC MED PROCEDURES NAME: MAMMOGRAPHY SCREENING (RAD Detailed)
CPT:77057
Installing Reminder Exchange entry VA-MHV PNEUMOVAX
Installing Reminder Exchange entry VA-OEF/OIF MONITOR REPORTING
Installing Reminder Exchange entry VA-PTSD SCREENING
Installing Reminder Exchange entry VA-TBI SCREENING
Installing Reminder Exchange entry PATCH 11 ITEMS
Removing PATCH 11 ITEMS transport reminder.
Removing PATCH 11 DIALOG transport dialog.

Updating Routine file...
Updating KIDS files...
PXR*2.0*11 Installed.
          Oct 07, 2008@05:51:35

Install Message sent #xxxxxxxxxxxxxx
Install Completed
```

Appendix B: Setting up a TIU/HS Object for the AUDIT-C Test

Before using the VA-Alcohol Use Screen reminder, a TIU/HS Object needs to be created to look for the last occurrence of an AUDIT-C test done on a patient. The TIU/HS Object must be named AUDIT-C for the object to work in the reminder dialog.

NOTE: For some reason, Health summary doesn't allow occurrence count or time period for MH tests, so you may need to enter these first, as follows:

The components MHAL and MHAS should have values of 'Y' for both fields #2
- TIME LIMITS APPLICABLE and #4 - MAXIMUM OCCURRENCES APPLICABLE.

You can edit both those fields locally by doing the following:

```
Select OPTION: ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: HEALTH SUMMARY COMPONENT//
EDIT WHICH FIELD: ALL// MAXIMUM OCCURRENCES APPLICABLE
THEN EDIT FIELD:

Select HEALTH SUMMARY COMPONENT NAME: MH
  1  MHA
  2  MHA Administration List
  3  MHA Score
  4  MHV REMINDERS DETAIL DISPLAY
  5  MHV REMINDERS SUMMARY DISPLAY
CHOOSE 1-5: 3  MHA Score
MAXIMUM OCCURRENCES APPLICABLE: Y  yes
```

You can do this for both MHAL and MHAS components.

Create TIU/Health Summary Objects

To create the TIU/Object, use the menu option "Create TIU/Health Summary Objects" under the Manager Document Definition Menu on the TIU Maintenance Menu. An example of how to set this up is provided below. The bolded parts must be exact; the non-bolded parts are site preferences.

```
Select OPTION NAME: TIU IRM MAINTENANCE MENU      TIU Maintenance Menu      menu

  1      TIU Parameters Menu ...
  2      Document Definitions (Manager) ...
  3      User Class Management ...
  4      TIU Template Mgmt Functions ...
  5      TIU Alert Tools
  7      TIUHL7 Message Manager
          Title Mapping Utilities ...
  6      Active Title Cleanup Report
```



```
Select SELECTION ITEM: AUDC

    Searching for a MH TESTS AND SURVEYS, (pointed-to by SELECTION ITEM)

    Searching for a MH TESTS AND SURVEYS

    1  AUDC
    2  AUDCR
CHOOSE 1-2: 1 AUDC
Select SELECTION ITEM: <Enter>
Select COMPONENT: <Enter>

Do you wish to review the Summary Type structure before continuing? NO// <Enter>
Please hold on while I resequence the summary order.

Do you want to overwrite the TIME LIMITS in the Health
Summary Type 'OB AUDC'? N//<Enter> O

Print standard Health Summary Header with the Object? N//<Enter> O

Partial Header:
Print Report Date? N// O
Print Confidentiality Banner? N// O
Print Report Header? N// O
Print the standard Component Header? Y// ES
    Use report time/occurrence limits? N// O
    Underline Component Header? N// O
    Add a Blank Line after the Component Header? N//<Enter> O
Print the date a patient was deceased? N//<Enter> O

Print a LABEL before the Health Summary Object? N//<Enter> O

Suppress Components without Data? N// <Enter>O

OBJECT DESCRIPTION:
    No existing text
    Edit? NO// <Enter>

Create a TIU Object named: AUDIT-C

Ok? YES// <Enter>

TIU Object created successfully.

Enter RETURN to continue...
```

Appendix C: Computed Finding Descriptions

The following are new or modified computed findings distributed by PXRMM*2*11:

NAME: VA-AGENT ORANGE EXPOSURE

ENTRY POINT: AORANGE
TYPE: MULTIPLE

ROUTINE: PXRMMSER

PRINT NAME: VA-Agent Orange Exposure

DESCRIPTION: This computed finding will be true if the patient has an agent orange exposure registration date in the date range specified by Beginning Date/Time and Ending Date/Time.

Subscripts that can be used in a Condition are:

"LOCATION"

The default value is "LOCATION".

CLASS: NATIONAL

NAME: VA-COMBAT SERVICE

ENTRY POINT: COMBAT
TYPE: MULTIPLE

ROUTINE: PXRMMSER

PRINT NAME: VA-Combat Service

DESCRIPTION: This computed finding will be true if combat service is found in the date range specified by Beginning Date/Time and Ending Date/Time.

Subscripts that can be used in a Condition are:

"LOCATION"

The default value is "LOCATION".

CLASS: NATIONAL

NAME: VA-COMBAT VET ELIGIBILITY

ENTRY POINT: CVELIG
TYPE: MULTIPLE

ROUTINE: PXRMMSER

PRINT NAME: VA-Combat Vet Eligibility

DESCRIPTION: This computed finding will be true if the patient qualifies as a combat vet.

The possible values that can be used in a Condition are: "Eligible", "Expired", and "Not eligible". An example is:

I V="Not eligible"

If the patient was eligible on the evaluation date then the Value for use in a Condition will be "Eligible". If the patient is not eligible and the evaluation date is greater than the eligibility end date then the Value is "Expired", otherwise the value is "Not eligible".

CLASS: NATIONAL

NAME: VA-PURPLE HEART

ROUTINE: PXRMMSER

ENTRY POINT: PHEART

PRINT NAME: VA-Purple Heart

TYPE: SINGLE

DESCRIPTION: This computed finding will be true if the patient is a Purple Heart recipient.

There is no value for use in a Condition.

CLASS: NATIONAL

NAME: VA-SERVICE BRANCH

ROUTINE: PXRMMSER

ENTRY POINT: SBRANCH

PRINT NAME: VA-Service Branch

TYPE: MULTIPLE

DESCRIPTION: This computed finding will return service branch information for a maximum of three service periods in the date range specified by Beginning Date/Time and Ending Date/Time.

Subscripts that can be used in a Condition are:

"BRANCH"

"DISCHARGE TYPE"

"ENTRY DATE"

"SEPARATION DATE"

"SERVICE COMPONENT"

The default value is "DISCHARGE TYPE".

CLASS: NATIONAL

NAME: VA-UNKNOWN OEF/OIF SERVICE

ROUTINE: PXRMMSER

ENTRY POINT: UNKOEIF
Service

PRINT NAME: VA-Unknown OEF/OIF

TYPE: MULTIPLE

DESCRIPTION: This multi-occurrence computed finding will search for periods of OEF/OIF service with an unknown location in the date range specified by Beginning Date/Time and Ending Date/Time.

Subscripts that can be used in a Condition are:

"LOCATION"

The default value is "LOCATION".

CLASS: NATIONAL

(modified) NAME: VA-VETERAN

ROUTINE: PXRMMSER

ENTRY POINT: VETERAN

PRINT NAME: Patient is a Veteran

TYPE: SINGLE

DESCRIPTION: This single occurrence computed finding is true if the patient is a veteran and false otherwise.

There are no values that can be used in a Condition.

CLASS: NATIONAL