Iraq & Afghan Post-Deployment Screen Reminder

PXRM*1.5*21

SETUP GUIDE

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Department of Veterans Affairs
V*IST***A** HSD&D

Contents

Introduction

Purpose of Project

Distribute a new Clinical Reminder, *Iraq & Afghan Post-Deployment Screen,* which identifies veterans of Operation Enduring Freedom in Afghanistan and Operation Iraqi Freedom*,* and tracks and documents when care has been delivered.

Background

Shortly after September 11, 2001, military personnel began deploying to Southwest Asia to liberate Afghanistan. In late 2002, additional military personnel were deployed to this region to liberate Iraq. Operation Enduring Freedom in Afghanistan and Operation Iraqi Freedom produced a new generation of war veterans, who are at increased risk of both medical and psychological illnesses due to complex deployment-related exposures. It is therefore important to screen these war veterans for unique health risks.

Because VA is in the forefront of electronic medical record keeping, computer-driven "clinical reminders" are an ideal approach to provide targeted health care to the veterans of recent conflicts in Southwest Asia. Clinical reminders are clinical decision support tools that assist healthcare providers in complying with recommended care. VA's Computerized Patient Record System (CPRS) supports automated clinical reminders that assist clinical decision-making and instruct providers about appropriate care by providing links to educational materials. Electronic clinical reminders additionally improve documentation and follow-up by allowing providers to easily view when certain tests or evaluations were performed, as well as track and document when care has been delivered.

There are a number of benefits to creating nationally mandated clinical reminders. National reminders help standardize health care and ensure that experts have had input into how clinical care is delivered. Furthermore, national reminders facilitate system-wide assessment of performance and quality of care, because of reporting mechanisms built into the CPRS clinical reminder system.

A newly developed national clinical reminder – *Iraq & Afghan Post-Deployment Screen* – is designed to aid VA health care providers who are evaluating veterans of the recent conflicts in Southwest Asia. This clinical reminder will help to provide new combat veterans with ongoing, high quality health care in an environment structured to their unique needs and status. Although Iraqi Freedom veterans are eligible for the Gulf War Registry, clinical registries only assess veterans on the one occasion when they volunteer for a special examination. A much better approach is to assure that all members of a unique group of veterans receive specialized care from the time they first present to a VA health care facility.

Guidance

a. Identifying Veterans for the Afghanistan and Iraq Clinical Reminder

Reminders are designed to apply to a given population and appear on a patient's CPRS screen, based on patient criteria found in a definable data field within CPRS VistA. Once the Afghanistan and Iraq clinical reminder software patch is installed and the reminder is activated at a local facility, it will appear on the CPRS cover sheet for veterans presenting to a VA health care facility who served in the U.S. military after September 11, 2001. Identified veterans will then be asked specifically whether they served on the ground, nearby coastal waters, or in the air over Afghanistan and/or Iraq after September 11, 2001, when these deployments began. If the veteran answers yes, the rest of the reminder dialog will appear on the computer screen for completion by the health care provider.

b. Preventing duplication

Because of increasingly widespread use of electronic clinical reminders across VA, there is concern that continued implementation of new reminders will cause undue burden to health care providers. To prevent duplication and unnecessary work, a health factor will be available that allows this Afghanistan and Iraq clinical reminder to be completed just once in the lifetime of a veteran. Importantly, the *Iraq & Afghan Post-Deployment Screen* will satisfy current clinical reminders for depression, alcohol abuse, and PTSD until the scheduled interval lapses for re-administration of these reminders. Consequently, veterans will not be asked the same questions again soon after the completion of this clinical reminder.

c. Resolving the *Iraq & Afghan Post-Deployment Screen*

(1) Once a reminder is generated, it needs to be resolved or it will remain active. Reminders designate specific tasks or evaluations that need to be done or specific information that needs to be provided, and designate what information, evaluation, or test results will turn off the reminder. Consequently, the reminder may trigger the ordering of additional tests. Alternately, information provided as a result of the reminder may be sufficient to resolve it. This is the case for the Iraq and Afghanistan clinical reminder, which only involves specific screening questions. However, positive responses to these questions should direct the health care provider to perform a more extensive clinical evaluation or, in some cases, to order additional diagnostic tests.

(2) For the Iraq and Afghanistan clinical reminder, all questions in the reminder will have to be answered before it is resolved. The questions in this reminder address long-term medical and psychological health risks among veterans of recent conflicts in Afghanistan and Iraq. Reminders are programmed so that when they are resolved, specific information from the reminder is automatically downloaded into a progress note.

Patch 21 (PXRM*1.5*21)
PXRM*1.5*21 releases one new NATIONAL reminder, dialog, and computed finding required for the Iraq & Afghan project. They will be placed in the REMINDER EXCHANGE file (#811.8).

Installation of the patch will employ the Reminder Exchange **functionality to automatically** install these reminders/dialog and their components.

Reminder Exchange will automatically overwrite any identical components.

Documentation for related guidelines can be found at:

Guideline	Address
VA/DOD Guidelines - Office of Quality and Performance	http://www.oqp.med.va.gov/cpg/cpg.htm
VA/DOD Depression Guideline	http://www.oqp.med.va.gov/cpg/MDD/MDD_Base.htm
VA/DOD Medically Unexplained Symptoms: Pain and Fatigue	http://www.oqp.med.va.gov/cpg/cpgn/mus/mus_base.htm
Post Deployment Health Evaluation and Management	http://www.oqp.med.va.gov/cpg/PDH/PDH_base.htm
VA/DOD Substance Abuse Guideline	http://www.oqp.med.va.gov/cpg/SUD/SUD_Base.htm
VA Environmental Agents Service	http://vaww.va.gov/environagents/

Impact on Sites

Setup and implementation by local team

The following steps may be required after the reminders patch PXRM*1.5*21 has been installed on the system:

1. Clinicians and CPRS/Reminder CACs will need to be informed about the new reminder and dialog.

2. Reminder CACs may need to map certain national Reminder Terms to identify local processing for documenting the Iraq & Afghan Post Deployment screen.

   As with all National Reminders, the Iraq & Afghan Post Deployment screen reminder is built with reminder terms instead of individual health factors or other finding types. This allows a site to continue to use findings that already exist on the host system as data elements and to relate these local findings to the national terms. The individual health factors that match the reminder term are also distributed with the patch, so that a site that does not have a local finding can use the nationally distributed health factors to collect data.

3. Edit the reminder dialog, if necessary.
   After you have mapped the local findings to the national terms, you can continue to use

your local findings as the data elements that are captured *or* use the national findings that are already mapped to the national terms.

To use your local findings, edit the reminder dialog by first identifying the elements that allow that data element to be collected, and then changing the finding item for that element to the local finding. Directions are provided later in this manual.

NOTE: The only way national reminders and dialogs can be modified is by changing the finding items in the nationally distributed elements to use your local finding items instead of the nationally distributed ones. You can also copy and rename the national reminder and dialog, as long as terms are correctly mapped to the national ones.

NOTE: It isn't necessary to autogenerate a dialog for this reminder, as the dialog is included in the packed reminder. You only need to activate/link the dialog.

Potential Issues

- On initial intake, these patients will have this reminder and any local reminders for Depression, Alcohol, and PTSD screening also due and displayed.
    - Duplication potential.
- AUDIT-C cannot be made mandatory.
    - If a patient refuses to take the AUDIT C, the reminder will remain due.
- Template field text is deleted by the software if additional reminders are processed after the one with the template field. This is a known bug in the software, which we hope will be fixed soon.
    - In the meantime, clinicians should be instructed to click the Finish Button only and not click on Next or Back. Clicking the Next or Back button is where the text in the progress note gets lost. Do not edit the dialog to remove the template fields unless this becomes a major problem.

Use of Questionnaire

- Many sites use paper-based questionnaires to collect data from patients.
- This may be more efficient than having the staff sit with the patient and read questions to the patient.
- A sample is posted on the Clinical Reminders web page.
- Data entry issues – data may be entered before the patient sees the provider, and the provider may not be aware of positive responses.

Setup and Maintenance

After installing the Iraq & Afghan Post Deployment screen reminder, follow the steps beginning on the next page to implement the reminder and dialog for this project.

Reminder Summary

COHORT: Veterans with separation date after 9/11/01. This finding is part of the reminder term: IRAQ/AFGHAN PERIOD OF SERVICE and is determined by a computed finding.

RESOLUTION: Entry of a health factor for NO IRAQ/AFGHAN SERVICE, which is found in the reminder term IRAQ/AFGHAN SERVICE NO, will resolve the reminder. If the veteran served in Iraq or Afghanistan (IRAQ/AFGHAN SERVICE), then all the other items are required to resolve the reminder:
    1) Screen for PTSD,
    2) Screen for depression,
    3) Screen for alcohol use,
    4) All 4 screening questions related to infectious diseases and other symptoms.

An entry of IRAQ/AFGHAN SERVICE on the reminder dialog then requires all of the screening questions to be answered.

All of the individual elements of the screening tool are exported with attached health factors and reminder terms. The national health factors and reminder terms for the 2-question depression screen are used for the depression screening.

The reminder dialog for alcohol screening allows the use of the standard AUDIT-C tool from the Mental Health package or entry of a refusal or entry of a health factor for no alcohol in the past year. The reminder term for ALCOHOL USE SCREEN contains the AUDIT-C and CAGE from the Mental Health package, the health factor for no alcohol use in the past year, and the health factor for refusal.

Additional health factors are included for PTSD screening and for the Infectious Diseases/Chronic symptoms screening. If your site does PTSD screening, then you will need to map your local health factors to the national PTSD reminder term (PTSD SCREEN) that is exported with this reminder.

The Health Factors for all of these screens should be entered in the site parameters as ones that cannot be added outside of a reminder dialog. Use the parameter ORWPCE EXCLUDE HEALTH FACTORS to exclude these from the electronic encounter forms. Entry of these health factors should ONLY occur during reminder dialog use.

Setup Steps

1. Verify correct installation of the reminders definition, terms, and dialog.

a. Using *Inquire about Reminder Definition* on the Reminder Management Menu, ensures that the Iraq & Afghan Post Deployment Screen reminder definition has been installed. Review the reminder. (Reviewing the reminder definition will help you understand how it uses reminder terms.) *Do not make any changes to these reminders.* If necessary for local usage, you may copy the national reminder and create a local reminder; then make any desired changes to the local copy.

```
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-Iraq & Afghan Post Deployment screen
(reminder definition displayed)
```

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

- ALCOHOL USE SCREEN
- DEPRESSION SCREEN NEGATIVE
- DEPRESSION SCREEN POSITIVE
- GI SYMPTOMS (IRAQ/AFGHANISTAN)
- IRAQ/AFGHAN PERIOD OF SERVICE
- IRAQ/AFGHAN SERVICE
- IRAQ/AFGHAN SERVICE NO
- OTHER SYMPTOMS (IRAQ/AFGHANISTAN)
- PERSISTENT RASH (IRAQ/AFGHANISTAN)
- PTSD SCREEN
- UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)

```
Select Reminder Managers Menu Option: TRM  Reminder Term Management
   TL     List Reminder Terms
   TI     Inquire about Reminder Term
   TE     Reminder Term Edit
   TC     Copy Reminder Term

Select Reminder Term Management Option: TI  Inquire about Reminder Term
Select Reminder Term: Alcohol Use Screen
```

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.

Example

```
Print File Entries

OUTPUT FROM WHAT FILE: REMINDER TERM
SORT BY: NAME// <Enter>
START WITH NAME: FIRST// <Enter>

FIRST PRINT FIELD:

READ ACCESS: @// <Enter>
WRITE ACCESS: @// <Enter>
FIRST PRINT FIELD: NAME// <Enter>
THEN PRINT FIELD: FINDINGS//<Enter>      (multiple)
  THEN PRINT FINDINGS SUB-FIELD: FINDING ITEM//  <Enter>
  THEN PRINT FINDINGS SUB-FIELD: CONDITION// <Enter>
  THEN PRINT FINDINGS SUB-FIELD: <Enter>
THEN PRINT FIELD:
Heading (S/C): REMINDER TERM LIST// <Enter>
STORE PRINT LOGIC IN TEMPLATE:
DEVICE: 0;;99  TELNET    Right Margin: 80//<Enter>

REMINDER TERM LIST                          Apr 30, 2002  11:03    PAGE 1
NAME
    FINDING ITEM                   CONDITION
-------------------------------------------------------------------------

ALANINE AMINO (ALT) (SGPT)
    ALT
BILIRUBIN
    BILIRUBIN, TOTAL
Etc.
```

c. Verify that the reminder dialog is installed on your system. Use CV, Change View, to see dialogs.

```
Select Reminder Dialog Management Option: DI  Reminder Dialogs

Dialog List                Dec 04, 2003@09:51:20       Page:  12 of  13
REMINDER VIEW (ALL REMINDERS BY NAME)

 Item Reminder Name                     Linked Dialog Name & Dialog Status

  14  BLOOD PRESSURE CHECK              COPY OF BLOOD PRESSURE CHEC   Disabled
  16  CFTEST                            CFTEST                       Disabled

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

```
Dialog List                  Dec 04, 2003@09:51:20        Page:  12 of  13
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)


+Item Reminder Dialog Name                      Source Reminder      Status
 179  VA-IRAQ & AFGHANISTAN POST DEPLOYMENT S VA-IRAQ & AFGHAN POST-DEP Linked
 180  VA-MST SCREENING                           *NONE*               Linked
 181  VA-PNEUMOVAX                               VA-PNEUMOVAX          Linked
 182  VA-PPD                                     VA-PPD               Disabled
 183  VA-PSA                                     VA-PSA               Disabled
 184  VA-SEATBELT EDUCATION                      VA-SEATBELT EDUCATION Disabled
 185  VA-WH MAMMOGRAM REVIEW RESULTS             VA-WH MAMMOGRAM REVIEW RE Linked
 186  VA-WH MAMMOGRAM SCREENING                  VA-WH MAMMOGRAM SCREENING Linked
 187  VA-WH PAP SMEAR REVIEW RESULTS             VA-WH PAP SMEAR REVIEW RE Linked
 188  VA-WH PAP SMEAR SCREENING                  VA-WH PAP SMEAR SCREENING Linked
+          + Next Screen   - Prev Screen   ?? More Actions            >>>
Find Next 'Iraq'? Yes// n  NO
```

NOTE: Do not autogenerate dialogs for the reminder. A Dialog is included with the packed reminder installation.

2. Map local findings to the national Reminder Terms.
Option: Reminder Term Management on the *Reminder Management Menu.*

Before using the reminder, 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 terms.
- Review the national term definitions (see Appendix C or use the options on the Reminder Term Management menu), to compare these to what you are using locally to represent terms.

Purpose of National Terms
♦ Terms are used to define a general concept that can be used on a national level
♦ Terms allow sites the ability to link existing local or VISN findings to the national term.

Term Mapping
These are the only terms that are included in the reminders and all of the exported health factors and education topics fall into one of these terms.

- ALCOHOL USE SCREEN
- DEPRESSION SCREEN NEGATIVE
- DEPRESSION SCREEN POSITIVE
- GI SYMPTOMS (IRAQ/AFGHANISTAN)
- IRAQ/AFGHAN PERIOD OF SERVICE
- IRAQ/AFGHAN SERVICE
- IRAQ/AFGHAN SERVICE NO
- OTHER SYMPTOMS (IRAQ/AFGHANISTAN)
- PERSISTENT RASH (IRAQ/AFGHANISTAN)
- PTSD SCREEN
- UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)

If desired, add local Health Factors or education topics representing these terms.

Term	Mapping
ALCOHOL USE SCREEN	Add: Any local health factors for AUDT-C, refusal of alcohol screening, or no alcohol in the past year. The Mental Health tests for AUDIT-C and CAGE are already included in this term. If your site uses the 10 question AUDIT, then this should also be added to this term.
DEPRESSION SCREEN NEGATIVE	Should already be mapped based on the national MH reminders. The national health factor is included in this term as well as all of the appropriate Mental Health tests. Any local health factors for negative depression screening should have already been mapped to this term when the national MH reminders were installed. Do not include any health factors that represent non-specific results of depression screening. For example, a health factor of 'Depression Screen Done' is NOT appropriate to add to this term.
DEPRESSION SCREEN POSITIVE	Should already be mapped based on the national MH reminders. The national health factor is included in this term as well as all of the appropriate Mental Health tests. Any local health factors for positive depression screening should have already been mapped to this term when the national MH reminders were installed. Do not include any health factors that represent non-specific results of depression screening. For example, a health factor of 'Depression Screen Done' is NOT appropriate to add to this term.
GI SYMPTOMS (IRAQ/AFGHANISTAN)	This term represents the information collected from the reminder dialog that the question related to GI symptoms has been answered. Separate health factors representing positive and negative answers to the question are included in this term. Unless a site is already asking the specific question included in this reminder dialog, NO additional health factors or items should be added to this term.
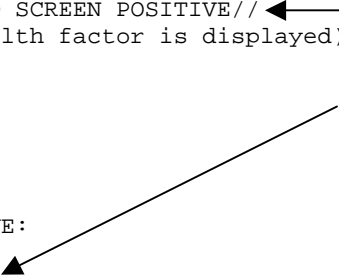
Term	Mapping
IRAQ/AFGHAN PERIOD OF SERVICE	This term contains a computed finding that determines if the patient's most recent service separation date was after 9/11/01. The computed finding is included to define the cohort of patients who need to be asked about service in the combat arena.
IRAQ/AFGHAN SERVICE	This term contains the health factor that is entered from the dialog if the patient did, in fact, serve in the combat arena (on the ground, in the air or at sea).
IRAQ/AFGHAN SERVICE NO	This term contains the health factor that is entered from the dialog if the patient did not serve in the combat arena (on the ground, in the air or at sea). This health factor resolves the reminder.
OTHER SYMPTOMS (IRAQ/AFGHANISTAN)	This term represents the information collected from the reminder dialog that the question related to fatigue, headaches, etc has been answered. Separate health factors representing positive and negative answers to the question are included in this term. Unless a site is already asking the specific question included in this reminder dialog, NO additional health factors or items should be added to this term.
PERSISTENT RASH (IRAQ/AFGHANISTAN)	This term represents the information collected from the reminder dialog that the question related to persistent rashes or skin ulcers has been answered. Separate health factors representing positive and negative answers to the question are included in this term. Unless a site is already asking the specific question included in this reminder dialog, NO additional health factors or items should be added to this term.
PTSD SCREEN	If your site does PTSD screening, map any local health factors or exams that represent positive or negative screens for PTSD
UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)	This term represents the information collected from the reminder dialog that the question related to unexplained fever has been answered. Separate health factors representing positive and negative answers to the question are included in this term. Unless a site is already asking the specific question included in this reminder dialog, NO additional health factors or items should be added to this term.

NOTE: It isn't necessary to enter an Effective Period when mapping terms, as this is already in the reminder definition. **Entry of an Effective Period on a Reminder Term will override the Effective Period defined on the Reminder Definition.**

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

```
Select Reminder Term Management Option: te  Reminder Term Edit

Select Reminder Term: PTSD SCREEN          NATIONAL
        ...OK? Yes//   (Yes)

Select FINDING ITEM: PTSD SCREEN POSITIVE//
  FINDING ITEM: (your health factor is displayed)
  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 PTSD.

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,ONE      4-30-44     666680999     YES     EMPLOYEE
 Enrollment Priority: GROUP 5    Category: IN PROCESS     End Date:

Select Reminder: Iraq & Afghan Post Deployment Screen
```

NOTE: See the Clinical Reminders Manager Manual for descriptions of the different elements of the test output.

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

   Once you have mapped the local findings to the national terms, you can then decide if you want to continue to use your local findings as the data elements that are captured, or if you want to use the national findings that are already mapped to the national terms.

   If you want to continue to use your local findings, then be sure to 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. 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.

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                    Nov 20, 2003@08:40:01          Page:    1 of    21
    REMINDER VIEW (ALL REMINDERS BY NAME)

 Item Reminder Name                      Linked Dialog Name & Dialog Status
    1  757 NUR ALCOHOL USE SCREEN        757 ALCOHOL USE SCREEN
    2  757 NUR SEATBELT & ACCIDENT AVOID 757 SEATBELT AND ACCIDENT A
    3  A A BLOOD EXPOSURE
    4  A A PAIN VITAL SIGN               VA-PAIN SCREEN AND HX

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

b. Change the view (CV) to Reminder Dialogs.

```
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

Dialog List                     Dec 04, 2003@09:51:20       Page:   12 of   13
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)

 Item Reminder Dialog Name                    Source Reminder        Status
   1  571B                                    SMOKING CESSATION EDUCATI
   2  571a                                    SMOKING CESSATION EDUCATI
   3  757 ALCOHOL USE SCREEN                  757 NUR ALCOHOL USE SCREE Linked
   4  757 SEATBELT AND ACCIDENT AVOIDANCE     757 NUR SEATBELT & ACCIDE Linked
   5  A A PAIN SCREEN AND INTERVENTION        *NONE*
   6  A A SG PAIN HISTORY DIA                 ZZPJH REMINDER

+         Enter ?? for more actions                                      >>>
AD   Add Reminder Dialog  PT   List/Print All      QU   Quit
CV   Change View          RN   Name/Print Name
Select Item: Next Screen// SL
Search for: Iraq
...searching for 'Iraq'.
```

c. Enter SL for Search List, to jump to the Iraq dialog. Select the dialog number to see details.

```
Dialog List                     Dec 04, 2003@09:51:20       Page:   12 of   13
DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)

+Item Reminder Dialog Name                    Source Reminder        Status
 179  VA-IRAQ & AFGHANISTAN POST DEPLOYMENT S VA-IRAQ & AFGHAN POST-DEP Linked
 180  VA-MST SCREENING                        *NONE*                    Linked
 181  VA-PNEUMOVAX                            VA-PNEUMOVAX              Linked
 182  VA-PPD                                  VA-PPD                   Disabled
 183  VA-PSA                                  VA-PSA                   Disabled
 184  VA-SEATBELT EDUCATION                   VA-SEATBELT EDUCATION    Disabled
 185  VA-WH MAMMOGRAM REVIEW RESULTS          VA-WH MAMMOGRAM REVIEW RE Linked
 186  VA-WH MAMMOGRAM SCREENING               VA-WH MAMMOGRAM SCREENING Linked
 187  VA-WH PAP SMEAR REVIEW RESULTS          VA-WH PAP SMEAR REVIEW RE Linked
 188  VA-WH PAP SMEAR SCREENING               VA-WH PAP SMEAR SCREENING Linked
+         + Next Screen   - Prev Screen    ?? More Actions              >>>
Find Next 'Iraq'? Yes// n  NO
Select Item: Next Screen// 179
```

```
Dialog Edit List            Dec 16, 2003@10:01:04        Page:    1 of    5
REMINDER DIALOG NAME: VA-IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN [NATIONAL] *L
 Item  Seq.    Dialog Details/Findings                               Type
   1    5     TEXT OIF INTRO AND WEB                                element
              Finding: *NONE*

   2    20    GP OIF COMBAT SERVICE YES/NO                          group
              Finding: *NONE*
   3    20.5  GP OIF COMBAT SERVICE NO                              group
                Finding: NO IRAQ/AFGHAN SERVICE (HEALTH FACTOR)
   4    20.10 GP OIF COMBAT SERVICE YES                             group
                Finding: IRAQ/AFGHAN SERVICE (HEALTH FACTOR)
   5    20.10.25 GP OIF PTSD                                        group
              Finding: *NONE*
   6    20.10.25.15 GP OIF PTSD QUESTIONS                           group
              Finding: *NONE*
   7    20.10.25.15.5 TEXT OIF PTSD QUESTIONS                       element
              Finding: *NONE*
   8    20.10.25.15.10 GP OIF PTSD SCREEN RESULTS                   group
+         + Next Screen    - Prev Screen   ?? More Actions                 >>>
CO    Copy Dialog        DT   Dialog Text        RI   Reminder Inquiry
DD    Detailed Display   ED   Edit/Delete Dialog QU   Quit
DP    Progress Note Text INQ  Inquiry/Print
Select Sequence: Next Screen// <Enter>
```

d. Make edits, as needed, by entering the dialog element number.

```
Dialog Edit List            Dec 16, 2003@10:01:04        Page:    2 of    5
REMINDER DIALOG NAME: IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN
+Item  Seq.      Dialog Summary

   9    20.10.25.15.10.5   Element: VA-HF OIF PTSD NEGATIVE

  10    20.10.25.15.10.10  Element: VA-HF OIF PTSD POSITIVE

  11    20.10.35  Group: VA-GP OIF DEPRESSION SCREEN

  12    20.10.35.10  Group: VA-GP DEP SCREEN PRIME MD

  13    20.10.35.10.5   Element: VA-HF DEP 2 QUESTION NEG

  14    20.10.35.10.10  Element: VA-HF DEP 2 QUESTION POS

  15    20.10.45  Group: VA-GP OIF ALCOHOL SCREEN

+         + 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// 9

     Select one of the following:
          E          Edit
          C          Copy and Replace current element
          D          Delete element from this dialog

Select Dialog Element Action: E// <Enter>   dit
Dialog Element Type: E//<Enter> lement
Current dialog element/group name: VA-HF OIF PTSD NEGATIVE
Used by:  VA-GP OIF PTSD SCREEN RESULTS (Dialog Group)
```

```
FINDING ITEM: PTSD SCREEN NEGATIVE// ZZPTSD

     Searching for a EDUCATION TOPICS

     Searching for a IMMUNIZATION

     Searching for a SKIN TEST

     Searching for a EXAM

     Searching for a HEALTH FACTOR
  ZZPTSD SCREEN NEGATIVE
        ...OK? Yes// <Enter>  (Yes)
Select ADDITIONAL FINDINGS:
Input your edit comments.
Edit? NO// <Enter>
```

5. **Use the parameter ORWPCE EXCLUDE HEALTH FACTORS to exclude health factors from the electronic encounter forms.**
   Enter the Health Factors for all of the screens in the site parameters as ones that cannot be added outside of a reminder dialog. Entry of these health factors should ONLY occur during reminder dialog use.

   - ALCOHOL USE SCREEN
   - DEPRESSION SCREEN NEGATIVE
   - DEPRESSION SCREEN POSITIVE
   - GI SYMPTOMS (IRAQ/AFGHANISTAN)
   - IRAQ/AFGHAN PERIOD OF SERVICE
   - IRAQ/AFGHAN SERVICE
   - IRAQ/AFGHAN SERVICE NO
   - OTHER SYMPTOMS (IRAQ/AFGHANISTAN)
   - PERSISTENT RASH (IRAQ/AFGHANISTAN)
   - PTSD SCREEN
   - UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)

   This parameter is on the general parameter tool menu (XPAR), available on the CPRS Configuration (IRM) option.

   NOTE: Since this is a Kernel option, some sites assign the menu separately from CPRS, or it may only be available to IRM staff. If you don't have access to it, check with your IRM office.

```
Select CPRS Configuration (IRM) Option: XX  General Parameter Tools


   LV      List Values for a Selected Parameter
   LE      List Values for a Selected Entity
   LP      List Values for a Selected Package
   LT      List Values for a Selected Template
   EP      Edit Parameter Values
   ET      Edit Parameter Values with Template
```

```
Select General Parameter Tools Option: ep  Edit Parameter Values
                       --- Edit Parameter Values ---

Select PARAMETER DEFINITION NAME: ORWPCE EXCLUDE HEALTH FACTORS   Excluded
Health Factors

ORWPCE EXCLUDE HEALTH FACTORS may be set for the following:

     1    User            USR    [choose from NEW PERSON]
     2    Location        LOC    [choose from HOSPITAL LOCATION]
     3    Service         SRV    [choose from SERVICE/SECTION]
     4    Division        DIV    [choose from INSTITUTION]
     5    System          SYS    [MARTINEZ.MED.VA.GOV]

Enter selection: 5  System   MARTINEZ.MED.VA.GOV

--- Setting ORWPCE EXCLUDE HEALTH FACTORS  for System: SLC.MED.VA.GOV ---
Select Sequence: ?

There are currently no entries for Sequence.
Select Sequence: 1
Are you adding 1 as a new Sequence? Yes// <Enter>  YES

Sequence: 1// <Enter>   1
Health Factor: NO IRAQ/AFGHAN SERVICE
Select Sequence: 2
Are you adding 2 as a new Sequence? Yes//<Enter> YES

Sequence: 2// <Enter>

Health Factor: IRAQ
     1   IRAQ/AFGHAN SERVICE
     2   IRAQ/AFGHANISTAN
CHOOSE 1-2: 1  IRAQ/AFGHAN SERVICE
```

6. Verify that the reminder functions properly.

a. Run a Reminders Due Report to determine if the Iraq 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.

   - The reminder can be used in a reminder report to evaluate clinics or stop codes on
     their adherence/compliance with that reminder.
   - 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*

c. Use the clinical maintenance view in the CPRS GUI to ensure that the status of the reminder is appropriate.

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

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."

b. When the Cover Sheet Reminder List opens, set the Cover sheet parameter level.
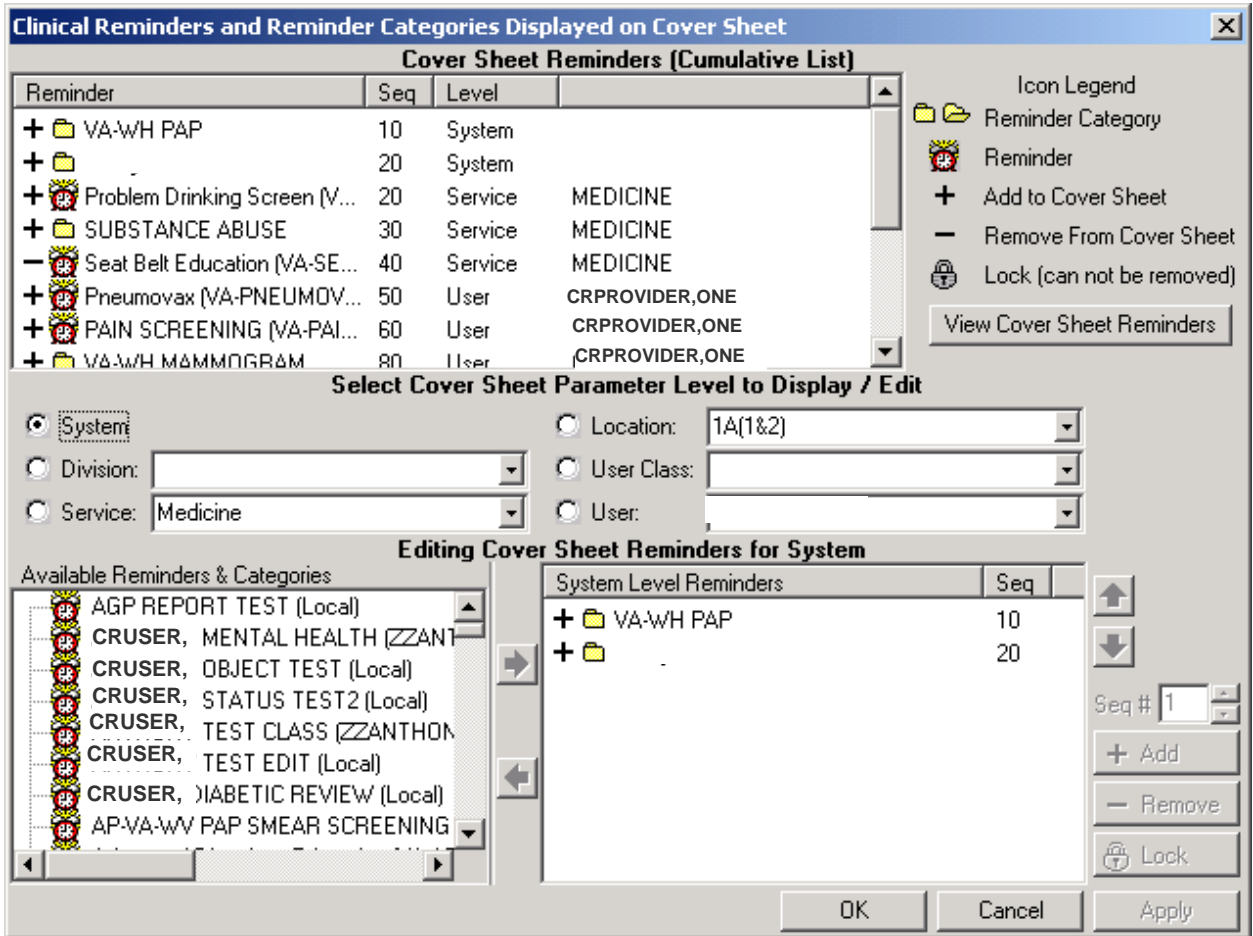
c. Locate the Iraq & Afghan Post Deployment Screen reminder and click the Add button (or double-click the reminder).
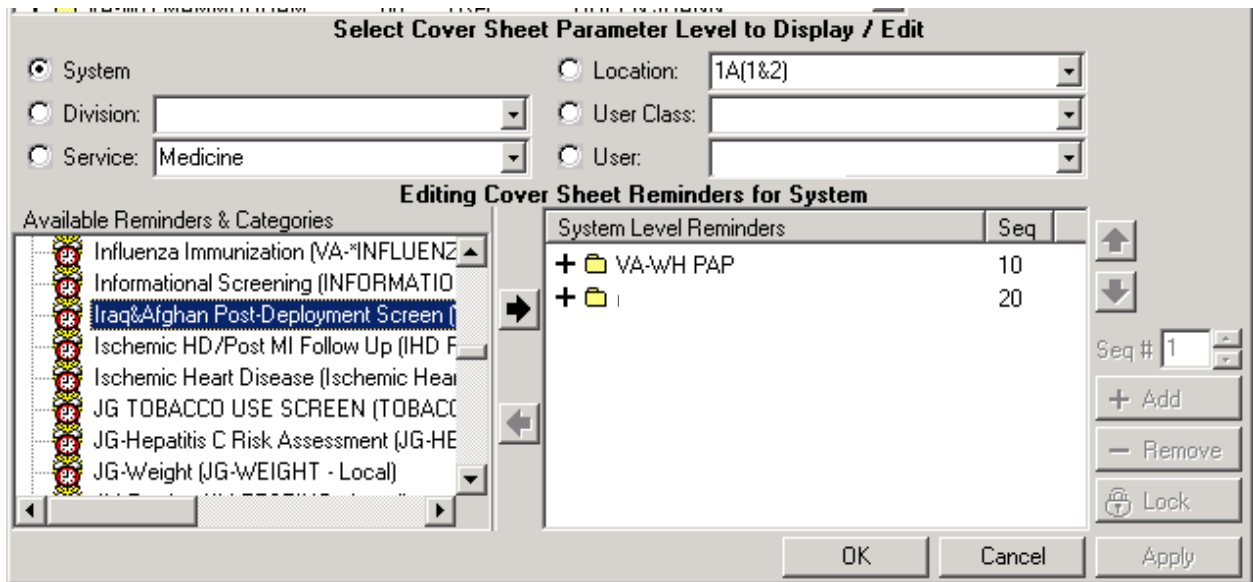
8. Verify that the dialog functions properly

Test the Iraq & Afghan Post Deployment Screen Reminder dialog in CPRS, using either the exported dialog or your locally created dialog. 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.

5. Locate the Iraq & Afghan Post Deployment Screen reminder dialog and open it.

6. Check all the boxes, in different combinations, to see what happens.

Reminder Resolution: Iraq&Afghan Post-Deployment Screen

This template is designed to help identify health problems that are uniquely related to military service in Afghanistan and Iraq during recent hazardous combat operations. The questions target infectious diseases, mental health problems, and chronic symptoms, which may develop in some veterans of Operation Enduring Freedom and Operation Iraqi Freedom.

SEVERAL WEB LINKS HAVE BEEN PROVIDED FOR REFERENCE.
    Office of Quality & Performance: Clinical Practice Guidelines
    Medically Unexplained Symptoms: Pain and Fatigue (VA/DOD Guideline)
    Major Depressive Disorder (VA/DOD Guideline)
    Clinical Care: Mental Health
    Outlines in Clinical Medicine
    Environmental Agents Service
      (also links to Veterans Health Initiatives)

Did the veteran serve in Iraq or Afghanistan, either on the ground or in the air above after September 11, 2001?
    ○ No - No service in or over Iraq or Afghanistan
    ◉ Yes - Service in or over Iraq or Afghanistan
                      (completion of screening required)
    ┌─complete all 4 screening tools─
    │ 1. SCREEN FOR PTSD
    │   ┌─answer all 4 questions─

Clear | Clinical Maint | Visit Info | < Back | Next > | Finish | Cancel

GREEN NOTES
  Iraq&Afghan Post-Deployment Screen:
    The patient reports service in Operation Iraqi Freedom or in
        Afghanistan.

Health Factors: **COMPLETE SCREEN (IRAQ/AFGHANISTAN), IRAQ/AFGHAN SERVICE**

* Indicates a Required Field

7. Perform as many of the following as possible:

❑ Click on the boxes for PTSD, depression, problem alcohol use, infectious diseases, and chronic symptoms.
❑ Enter a positive depression screen.
❑ Enter a positive alcohol screen.
❑ Perform the AUDC, checking appropriate boxes.
❑ Click Finish.
❑ Verify that all elements are required.
❑ Click on the Refresh button in the Action menu.
❑ Verify that entry of the alcohol screen and the depression screen in the Iraq/Afghan reminder dialog also resolves any local reminders for depression screening and alcohol screening.
❑ Verify that any local reminders for f/u of positive screens for depression or alcohol became due.
❑ If the national depression screening reminder was not applicable for the patient above, select a new patient who has a status of Due or Applicable for depression screening.
❑ Open the dialog IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN.

- ❑ Check the appropriate boxes for PTSD, depression, problem alcohol use, infectious diseases, and chronic symptoms.
- ❑ Enter a positive depression screen.
- ❑ Click Finish.
- ❑ Verify that the national depression screening reminder is resolved.
- ❑ If the national alcohol screening reminder was not applicable for the patient above, select a new patient who has a status of Due or Applicable for alcohol screening.
- ❑ Open the dialog IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN .
- ❑ Check the appropriate boxes for PTSD, depression, problem alcohol use, infectious diseases, and chronic symptoms.
- ❑ Enter a positive alcohol screen.
- ❑ Click Finish.
- ❑ Verify that the national alcohol screening reminder is resolved.
- ❑ Repeat any of the steps above to try different dialog entries and to observe the results in the progress note text and reminder statuses.
- ❑ Select a new patient with a separation date before 9/11/01.
- ❑ Check the Cover Sheet and Clinical Maintenance box to verify that the reminder is not due or applicable.

NOTE: Remember to "refresh" the screen after completing a dialog, if you want to see the updated status immediately.

Q & A – Helpful Hints

Q: What is a National Reminder?

A: National reminders are clinical reminders and reminder dialogs that have gone through an approval process for national distribution. Some national reminders are related to statutory, regulatory, or Central Office mandates such as Hepatitis C, MST, or Pain. Other national reminders are being developed under the guidance of the VA National Clinical Practice Guideline Council (NCPGC).

Guideline-related reminders are being developed for two reasons:
1. To provide reminders for sites that don't have reminders in place for a specific guideline (e.g., HTN, HIV).
2. To provide a basic set of reminders to all sites to improve clinical care, and also allow roll-up data for measurement of guideline implementation and adherence (e.g., IHD, Mental Health).

Q: Can national reminders or dialogs ever be locally modified?

A: The only way national reminders and dialogs can be modified is by changing the finding item in the nationally distributed dialog elements to use your local finding item instead of the nationally distributed one. You can copy the national reminder to create a local reminder, but you should map your health factors, education topics, and other findings to the national exported terms.

Q: Is the Iraq & Afghan Post Deployment Screen national reminder mandated for use?

A: No.

Q: What should we do if we already have Depression Screening, Alcohol Screening, or PTSD reminders?

A: If you choose to continue using your local reminder and dialog, you need to make sure that your local reminder is consistent with the VA/DOD National Clinical Practice Guideline. You should map your local findings to the national reminder terms in case you want to use the National reminders in the future for display in CPRS or for reporting.

There are currently no plans to use these reminders to roll up data to any national reports on Iraq.

Q: This patch contains template fields in the PTSD screen—if providers using this reminder click next or back, they lose the text in the progress note. What do you suggest...should we edit the dialog to remove the template fields?

A: This is a long-standing problem with reminders; it is on our list to fix after the release of CRv2.0. In the meantime, clinicians should be instructed to click the Finish Button only and not click on Next or Back. Clicking the Next or Back button is where the text in the progress

note gets lost. Do not edit the dialog to remove the template fields unless this becomes a major problem.

Q: How can we check parameters to see if anyone sees the reminders?

A: The simplest way to view whether an individual is seeing the reminders is to open the reminder cover sheet editor by clicking on the reminder clock in CPRS, picking Action, and then choosing "Edit Cover Sheet Reminders." A button on the dialog allows you to view the entire list of reminders that are seen by an individual user.

Appendices

Appendix A: **Iraq & Afghan Post Deployment Reminder Definition**
Appendix B: Iraq & Afghan Post Deployment Reminder Dialog
Appendix C: Reminder Term Descriptions
Appendix D: Reminder Health Factors

Appendix A: Reminder Definition

```
REMINDER DEFINITION INQUIRY                    Dec 19, 2003 12:26:28 pm   Page 1
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VA-IRAQ & AFGHAN POST-DEPLOY SCREEN No.  568022
---------------------------------------------

Print Name:                    Iraq&Afghan Post-Deployment Screen

Class:                         NATIONAL

Sponsor:

Review Date:

Usage:                         CPRS, REPORTS

Related VA-* Reminder:

Reminder Dialog:               VA-IRAQ & AFGHANISTAN POST DEPLOYMENT SCREEN

Priority:

Reminder Description:
   Patients who served in combat in either Iraq (Operation Iraqi Freedom) or
   in Afghanistan (Operation Enduring Freedom) should be screened for
   illnesses related to their service.  Screening for PTSD, depression,
   problem alcohol use, infectious diseases, and chronic symptoms should be
   part of the initial evaluation of these Veterans.

   COHORT: veterans with separation date after 9/11/01.  This finding is
   part of the reminder term: IRAQ/AFGHAN PERIOD OF SERVICE and is
   determined by a computed finding.

   RESOLUTION: entry of a health factor for NO IRAQ/AFGHAN SERVICE which is
   found in the reminder term IRAQ/AFGHAN SERVICE NO will resolve the
   reminder.  If the veteran served in Iraq or Afghanistan (IRAQ/AFGHAN
   SERVICE) then all the other items are required to resolve the reminder:
     1) screen for PTSD,
     2) screen for depression,
     3) screen for alcohol use,
     4) all 4 screening questions related to infectious diseases and other
   symptoms.

   An entry of IRAQ/AFGHAN SERVICE on the reminder dialog then requires all
   of the screening questions to be answered.

   All of the individual elements of the screening tool are exported with
   attached health factors and reminder terms. The national health factors
   and reminder terms for the 2 question depression screen are used for the
   depression screening.  The reminder dialog for alcohol screening allows
   the use of the standard AUDIT-C tool from the Mental Health package or
   entry of a refusal or entry of a health factor for no alcohol in the past
   year. The reminder term for ALCOHOL USE SCREEN contains the AUDIT-C and
   CAGE from the Mental Health package, the health factor for no alcohol use
   in the past year and the health factor for refusal. Additional health
   factors are included for PTSD screening and for the Infectious
   Diseases/Chronic symptoms screening.  If your site does PTSD screening,
   then you will need to map your local health factors to the national PTSD
   reminder term (PTSD SCREEN) that is exported with this reminder.
```

```
     The HFs for all of these screens should be entered in the site parameters
     as ones that cannot be added outside of a reminder dialog.  Use the
     parameter ORWPCE EXCLUDE HEALTH FACTORS to exclude these from the
     electronic encounter forms.  Entry of these health factors should ONLY
     occur during reminder dialog use.

Technical Description:


Baseline Frequency:

      Do In Advance Time Frame:  Wait until actually DUE
                  Sex Specific:
                  Ignore on N/A:
      Frequency for Age Range:  99Y - Once for all ages
                    Match Text:
                 No Match Text:


Findings:
   ---- Begin: IRAQ/AFGHAN SERVICE NO  (FI(1)=RT(489)) ----------------------
                   Finding Type: REMINDER TERM
       Use in Resolution Logic: OR

                          Mapped Findings:
                    Mapped Finding Item: HF.NO IRAQ/AFGHAN SERVICE

   ---- End: IRAQ/AFGHAN SERVICE NO -----------------------------------------


   ---- Begin: IRAQ/AFGHAN PERIOD OF SERVICE  (FI(2)=RT(490)) ---------------
                   Finding Type: REMINDER TERM
   Use in Patient Cohort Logic: AND
           Beginning Date/Time: SEP 11, 2001

                          Mapped Findings:
                    Mapped Finding Item: CF.VA-IRAQ & AFGHAN SEP. DATE
                    Beginning Date/Time: SEP 11, 2001

   ---- End: IRAQ/AFGHAN PERIOD OF SERVICE ----------------------------------


   ---- Begin: IRAQ/AFGHAN SERVICE  (FI(3)=RT(568012)) ----------------------
                   Finding Type: REMINDER TERM

                          Mapped Findings:
                    Mapped Finding Item: HF.IRAQ/AFGHAN SERVICE

   ---- End: IRAQ/AFGHAN SERVICE --------------------------------------------


   ---- Begin: DEPRESSION SCREEN NEGATIVE  (FI(4)=RT(80)) -------------------
                   Finding Type: REMINDER TERM

                          Mapped Findings:
                    Mapped Finding Item: HF.DEP SCREEN 2 QUESTION NEG

                    Mapped Finding Item: MH.DOM80
                            Condition: I V=0

                    Mapped Finding Item: MH.DOMG
                            Condition: I V<4
```

```
                        Mapped Finding Item: MH.CRS
                                MH Scale: 1
                               Condition: I V<10

                        Mapped Finding Item: MH.BDI
                                MH Scale: 1
                               Condition: I V<10

                        Mapped Finding Item: MH.ZUNG
                                MH Scale: 1
                               Condition: I V<33

 ---- End: DEPRESSION SCREEN NEGATIVE -----------------------------------


 ---- Begin: DEPRESSION SCREEN POSITIVE  (FI(5)=RT(81)) -------------------
                  Finding Type: REMINDER TERM

                       Mapped Findings:
                  Mapped Finding Item: HF.DEP SCREEN 2 QUESTION POS

                  Mapped Finding Item: MH.DOM80
                               Condition: I V=1

                  Mapped Finding Item: MH.DOMG
                               Condition: I V>3

                  Mapped Finding Item: MH.CRS
                                MH Scale: 1
                               Condition: I V>9

                  Mapped Finding Item: MH.BDI
                                MH Scale: 1
                               Condition: I V>9

                  Mapped Finding Item: MH.ZUNG
                                MH Scale: 1
                               Condition: I V>32

 ---- End: DEPRESSION SCREEN POSITIVE -----------------------------------


 ---- Begin: ALCOHOL USE SCREEN  (FI(6)=RT(488)) --------------------------
                  Finding Type: REMINDER TERM
                 Not Found Text: Screening for at risk alcohol use using the
                                 AUDIT-C screening tool should be performed
                                 yearly for any patient who has consumed
                                 alcohol in the past year. No record of prior
                                 screening for alcohol use was found in this
                                 patient's record.

                       Mapped Findings:
                  Mapped Finding Item: MH.AUDC

                  Mapped Finding Item: MH.CAGE

                  Mapped Finding Item: HF.NON-DRINKER (NO ALCOHOL FOR >1 YR)

                  Mapped Finding Item: HF.REFUSED ALCOHOL USE SCREENING

                  Mapped Finding Item: MH.AUDIT
```

```
  ---- End: ALCOHOL USE SCREEN ------------------------------------------------


 ---- Begin: PTSD SCREEN  (FI(7)=RT(568013)) -------------------------------
                   Finding Type: REMINDER TERM
               Not Found Text: Screen for PTSD.

                       Mapped Findings:
                     Mapped Finding Item: HF.PTSD SCREEN NEGATIVE

                     Mapped Finding Item: HF.PTSD SCREEN POSITIVE

 ---- End: PTSD SCREEN ------------------------------------------------------


 ---- Begin: UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)  (FI(8)=RT(568015)) -----
                   Finding Type: REMINDER TERM
               Not Found Text: Screen for unexplained fevers that might
                               represent occult malaria or infection with
                               leishmaniasis.

                       Mapped Findings:
                     Mapped Finding Item: HF.UNEXPLAINED FEVERS SCREEN NEGATIVE

                     Mapped Finding Item: HF.UNEXPLAINED FEVERS SCREEN POSITIVE

 ---- End: UNEXPLAINED FEVER (IRAQ/AFGHANISTAN) ---------------------------


 ---- Begin: OTHER SYMPTOMS (IRAQ/AFGHANISTAN)  (FI(9)=RT(568017)) --------
                   Finding Type: REMINDER TERM
               Not Found Text: Screen for symptoms of fatigue, headaches,
                               muscle or joint pains, or forgetfulness that
                               have lasted 3 months or longer and have
                               interfered with daily activities.

                       Mapped Findings:
                     Mapped Finding Item: HF.OTHER PHYSICAL SYMPTOMS SCREEN
NEGATIVE

                     Mapped Finding Item: HF.OTHER PHYSICAL SYMPTOMS SCREEN
POSITIVE

 ---- End: OTHER SYMPTOMS (IRAQ/AFGHANISTAN) ------------------------------


 ---- Begin: GI SYMPTOMS (IRAQ/AFGHANISTAN)  (FI(10)=RT(568014)) ----------
                   Finding Type: REMINDER TERM
               Not Found Text: Screen for diarrhea or other GI complaints
                               that might suggest giardia, amoebiasis or
                               other GI infection.

                       Mapped Findings:
                     Mapped Finding Item: HF.GI SYMPTOMS SCREEN NEGATIVE

                     Mapped Finding Item: HF.GI SYMPTOMS SCREEN POSITIVE

 ---- End: GI SYMPTOMS (IRAQ/AFGHANISTAN) ---------------------------------


 ---- Begin: PERSISTENT RASH (IRAQ/AFGHANISTAN)  (FI(11)=RT(568016)) ------
                   Finding Type: REMINDER TERM
```

```
                    Mapped Findings:
                    Mapped Finding Item: HF.SKIN LESION SCREEN NEGATIVE

                    Mapped Finding Item: HF.SKIN LESION SCREEN POSITIVE

  ---- End: PERSISTENT RASH (IRAQ/AFGHANISTAN) ----------------------------


General Patient Cohort Found Text:
    Patients who served in combat in either Iraq (Operation Iraqi Freedom) or
    in Afghanistan (Operation Enduring Freedom) should be screened for
    illnesses related to their service.  Screening for PTSD, depression,
    problem alcohol use, infectious diseases, and chronic symptoms should be
    part of the initial evaluation of these Veterans.

General Patient Cohort Not Found Text:

General Resolution Found Text:

General Resolution Not Found Text:

Default PATIENT COHORT LOGIC to see if the Reminder applies to a patient:
 (SEX)&(AGE)&FI(2)

Expanded Patient Cohort Logic:
 (SEX)&(AGE)&FI(IRAQ/AFGHAN PERIOD OF SERVICE)

Customized RESOLUTION LOGIC defines findings that resolve the Reminder:
 FI(1)!((FI(4)!FI(5))&FI(6)&FI(7)&FI(8)&FI(9)&FI(10)&FI(11))

Expanded Resolution Logic:
 FI(IRAQ/AFGHAN SERVICE NO)!((FI(DEPRESSION SCREEN NEGATIVE)!
 FI(DEPRESSION SCREEN POSITIVE))&FI(ALCOHOL USE SCREEN)&FI(PTSD SCREEN)&
 FI(UNEXPLAINED FEVER (IRAQ/AFGHANISTAN))&
 FI(OTHER SYMPTOMS (IRAQ/AFGHANISTAN))&FI(GI SYMPTOMS (IRAQ/AFGHANISTAN))&
 FI(PERSISTENT RASH (IRAQ/AFGHANISTAN)))


Web Sites:

 Web Site URL:
http://www.oqp.med.va.gov/cpg/cpg.htm

 Web Site Title:  VA/DOD Guidelines - Office of Quality and Performance


 Web Site URL:
http://www.oqp.med.va.gov/cpg/MDD/MDD_Base.htm

 Web Site Title:  VA/DOD Depression Guideline


 Web Site URL:
http://www.oqp.med.va.gov/cpg/cpgn/mus/mus_base.htm

 Web Site Title:  VA/DOD Medically Unexplained Symptoms: Pain and Fatigue


 Web Site URL:
http://www.oqp.med.va.gov/cpg/PDH/PDH_base.htm

 Web Site Title:  Post Deployment Health Evaluation and Management
```

```
 Web Site URL:
http://www.oqp.med.va.gov/cpg/SUD/SUD_Base.htm

 Web Site Title:  VA/DOD Substance Abuse Guideline


 Web Site URL:
http://vaww.va.gov/environagents/

 Web Site Title:  VA Environmental Agents Service
```

Appendix B: Reminder Dialog

Opening Screen

Reminder Resolution: Iraq&Afghan Post-Deployment Screen   ☒

◉ Yes - Service in or over Iraq or Afghanistan
                         (completion of screening required)
┌─complete all 4 screening tools──────────────────────────────
│ 1. SCREEN FOR PTSD
│   ┌─answer all 4 questions──────────────────────────────
│   │ Have you ever had any experience that was so frightening, horrible, or
│   │ upsetting that, in the past month, you:
│   │
│   │   A. Have had any nightmares about it or thought about it when you did not
│   │   want to?
│   │   *   ○ (No) ○ (Yes)
│   │
│   │   B. Tried hard not to think about it; went out of your way to avoid
│   │   situations that remind you of it?
│   │   *   ○ (No) ○ (Yes)
│   │
│   │   C. Were constantly on guard, watchful, or easily startled?
│   │   *   ○ (No) ○ (Yes)
│   │
│   │   D. Felt numb or detached from others, activities, or your surroundings?
│   │   *   ○ (No) ○ (Yes)
│   │
│   │
│   │   RESULTS OF PTSD SCREENING
│   │   (a 'yes' answer to 2 or more of the above questions is a positive screen)
│   │
│   │   ┌──
│   │   │ ○ PTSD Screen Negative
│   │   │ ○ PTSD Screen Positive

| Clear | Clinical Maint | Visit Info | < Back | Next > | Finish | Cancel |

GREEN NOTES
  Iraq&Afghan Post-Deployment Screen:
    The patient reports service in Operation Iraqi Freedom or in

* Indicates a Required Field

```
┌─ Reminder Resolution: Iraq&Afghan Post-Deployment Screen ───────────────── × ┐
│ ┌───────────────────────────────────────────────────────────────────── ▲ ┐ │
│ │  2.  SCREEN FOR DEPRESSION                                             │ │
│ │                                                                       │ │
│ │    ┌──────────────────────────────────────────────────────────────┐   │ │
│ │    │  DEPRESSION SCREEN   (2 question screen)                      │   │ │
│ │    │                                                              │   │ │
│ │    │  1.   During the past month, have you often been bothered     │   │ │
│ │    │       by feeling down, depressed, or hopeless?               │   │ │
│ │    │                                                              │   │ │
│ │    │  2.   During the past month, have you often been bothered     │   │ │
│ │    │       by little interest or pleasure in doing things?        │   │ │
│ │    │                                                              │   │ │
│ │    │   A "YES" response to either question is a POSITIVE screen    │   │ │
│ │    │        for depression.   Further evaluation is then needed.   │   │ │
│ │    │                                                              │   │ │
│ │    │                                                              │   │ │
│ │    │    ┌──────────────────────────────────────────────────┐     │   │ │
│ │    │    │ ○ Depression Screen Negative                      │     │   │ │
│ │    │    │ ○ Depression Screen Positive                      │     │   │ │
│ │    │    └──────────────────────────────────────────────────┘     │   │ │
│ │    └──────────────────────────────────────────────────────────────┘   │ │
│ │                                                                       │ │
│ │  3. SCREEN FOR ALCOHOL                                                 │ │
│ │                                                                       │ │
│ │    ┌──────────────────────────────────────────────────────────────┐   │ │
│ │    │  In the past 12 months, has the patient had any drinks        │   │ │
│ │    │                                   containing alcohol?         │   │ │
│ │    │  ┌choose one─────────────────────────────────────────────┐    │   │ │
│ │    │  │ ○ Yes                                                │    │   │ │
│ │    │  │ ○ No - no alcohol in the past 12 months              │    │   │ │
│ │    │  │ ○ Patient declined to answer questions about alcohol use. │   │ │
│ │    │  └──────────────────────────────────────────────────────┘    │   │ │
│ │    └──────────────────────────────────────────────────────────────┘ ▼ │ │
│ ├───────────────────────────────────────────────────────────────────────┤ │
│ │  Clear  │ Clinical Maint │ Visit Info │ < Back │ Next > │ Finish │ Cancel│ │
│ ├───────────────────────────────────────────────────────────────────────┤ │
│ │ GREEN NOTES                                                         ▲ │ │
│ │   Iraq&Afghan Post-Deployment Screen:                               │ │
│ │     The patient reports service in Operation Iraqi Freedom or in    │ │
│ │         Afghanistan.                                                │ │
│ │     1. SCREEN FOR PTSD                                              │ │
│ │       Have you ever had any experience that was so frightening horrible ▼ │ │
│ ├───────────────────────────────────────────────────────────────────────┤ │
│ │ * Indicates a Required Field                                          │ │
│ └───────────────────────────────────────────────────────────────────────┘ │
```

Reminder Resolution: Iraq&Afghan Post-Deployment Screen

○ Depression Screen Negative
○ Depression Screen Positive

3. SCREEN FOR ALCOHOL

In the past 12 months, has the patient had any drinks containing alcohol?

choose one
◉ Yes   [Perform AUDC]
○ No - no alcohol in the past 12 months
○ Patient declined to answer questions about alcohol use.

4. SCREEN FOR INFECTIOUS DISEASES AND CHRONIC SYMPTOMS

answer all 4 questions

A. Do you have any problems with chronic diarrhea or other gastrointestinal complaints?

   ○ No
   ○ Yes

   (If 'YES', the patient's stool should be evaluated for ova and parasites because of the high rate of giardiasis and amoebiasis in Southwest Asia.)

B. Do you have any unexplained fevers?

   ○ No
   ○ Yes

   (If 'YES', the patient should be evaluated for malaria infection and possibly visceral leishmania infection because of high rates of these

| Clear | Clinical Maint | Visit Info | < Back | Next > | Finish | Cancel |

GREEN NOTES
  Iraq&Afghan Post-Deployment Screen:

* Indicates a Required Field

AUDC

Please read each item carefully and select the correct answer for you.

How often do you have a drink containing alcohol?
- ☐ Never
- ☐ Monthly or less
- ☐ Two to four times a month
- ☐ Two to three times per week
- ☐ Four or more times a week

How many drinks containing alcohol do you have on a typical day when you are drinking?
- ☐ 1 or 2
- ☐ 3 or 4
- ☐ 5 or 6
- ☐ 7 to 9
- ☐ 10 or more

How often do you have six or more drinks on one occasion?
- ☐ Never
- ☐ Less than monthly
- ☐ Monthly
- ☐ Weekly
- ☐ Daily or almost daily

[Clear]   [OK]   [Cancel]

```
Reminder Resolution: Iraq&Afghan Post-Deployment Screen                    ×

    4.  SCREEN FOR INFECTIOUS DISEASES AND CHRONIC SYMPTOMS                ▲
          ┌answer all 4 questions────────────────────────────────────┐
          │  A.  Do you have any problems with chronic diarrhea or other gastrointestinal
          │      complaints?
          │            ○ No
          │            ○ Yes
          │
          │        (If 'YES', the patient's stool should be evaluated for ova and parasites
          │         because of the high rate of giardiasis and amoebiasis in Southwest Asia.)
          │
          │  B.  Do you have any unexplained fevers?
          │            ○ No
          │            ○ Yes
          │
          │        (If 'YES', the patient should be evaluated for malaria infection and
          │         possibly visceral leishmania infection because of high rates of these
          │         diseases in Southwest Asia. Amoebic infection should again be
          │         considered.)
          │
          │  C.  Do you have a persistent papular or nodular skin rash that began after
          │      deployment to Southwest Asia?
          │            ○ No
          │            ○ Yes
          │
          │        (If yes and an unusual rash or lesion is verified, the patient should be
          │         evaluated for cutaneous leishmaniasis.)
          │
          │  D.  Have you had any physical symptoms, such as fatigue, headaches,
          │      muscle/joint pains, forgetfulness, for three months or longer that have
          │      interfered with your normal daily activities at home or work?
          │            ○ No
          │            ○ Yes                                               ▼

  ┌──────┬────────────┬─────────┬────────┬────────┬────────┬────────┐
  │ Clear │ Clinical Maint │ Visit Info │ < Back │ Next > │ Finish │ Cancel │
  └──────┴────────────┴─────────┴────────┴────────┴────────┴────────┘
GREEN NOTES                                                              ▲
  Iraq&Afghan Post-Deployment Screen:                                   ▼
* Indicates a Required Field
```

Appendix C: Reminder Terms

- ALCOHOL USE SCREEN
- DEPRESSION SCREEN NEGATIVE
- DEPRESSION SCREEN POSITIVE
- GI SYMPTOMS (IRAQ/AFGHANISTAN)
- IRAQ/AFGHAN PERIOD OF SERVICE
- IRAQ/AFGHAN SERVICE
- IRAQ/AFGHAN SERVICE NO
- OTHER SYMPTOMS (IRAQ/AFGHANISTAN)
- PERSISTENT RASH (IRAQ/AFGHANISTAN)
- PTSD SCREEN
- UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)

```
REMINDER TERM INQUIRY                          Nov 21, 2003 9:59:48 am  Page 1
-------------------------------------------------------------------------------
ALCOHOL USE SCREEN                                              No.133
------------------------------------------------------------------------------
Class:              LOCAL
Sponsor:
Date Created:
Review Date:

Description:
    Any local health factors for AUDT-C, refusal of alcohol screening, or no
    alcohol in the past year.

    The Mental Health tests for AUDIT-C and CAGE are already included in this
    term.  If your site uses the 10 question AUDIT, then this should also be
    added to this term.

Findings:

                Finding Item:  AUDC  (FI(1)=MH(208))
                Finding Type:  MENTAL HEALTH INSTRUMENT

                Finding Item:  CAGE  (FI(2)=MH(226))
                Finding Type:  MENTAL HEALTH INSTRUMENT
```

```
DEPRESSION SCREEN NEGATIVE                                        No.82
--------------------------------------------------------------------------
Class:                    NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
    Any health factors or MH instrument scores that indicate that depression
    screening has been done and is negative should be mapped to this reminder
    term.
            Depression Screen Neg (PRIME-MD, CES-D, DOM80, Ham-D)
            MH: DOM80=0
            MH: DOMG<4
            MH: CRS<10
            MH: BDI<10
            MH:Zung<33


Findings:

                  Finding Item:  DEP SCREEN 2 QUESTION NEG  (FI(1)=HF(105))
                  Finding Type:  HEALTH FACTOR

                  Finding Item:  DOM80  (FI(2)=MH(229))
                  Finding Type:  MENTAL HEALTH INSTRUMENT
                     Condition:  I V=0

                  Finding Item:  DOMG  (FI(3)=MH(232))
                  Finding Type:  MENTAL HEALTH INSTRUMENT
                     Condition:  I V<4

                  Finding Item:  CRS  (FI(4)=MH(19))
                  Finding Type:  MENTAL HEALTH INSTRUMENT
                      MH Scale:  1
                     Condition:  I V<10

                  Finding Item:  BDI  (FI(5)=MH(223))
                  Finding Type:  MENTAL HEALTH INSTRUMENT
                      MH Scale:  1
                     Condition:  I V<10

                  Finding Item:  ZUNG  (FI(6)=MH(87))
                  Finding Type:  MENTAL HEALTH INSTRUMENT
                      MH Scale:  1
                     Condition:  I V<33

DEPRESSION SCREEN POSITIVE                                        No.83
--------------------------------------------------------------------------
Class:                    NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
    Any health factors or MH instrument scores that indicate that depression
    screening has been done and is positive should be mapped to this reminder
    term.
            Depression Screen Pos (PRIME-MD, CES-D, DOM80, Ham-D)
            MH: DOM80=1
            MH: DOMG>3
            MH: CRS>9
            MH: BDI>9
```

```
          MH:Zung>32


Findings:

               Finding Item:  DEP SCREEN 2 QUESTION POS  (FI(1)=HF(106))
               Finding Type:  HEALTH FACTOR

               Finding Item:  DOM80  (FI(2)=MH(229))
               Finding Type:  MENTAL HEALTH INSTRUMENT
                  Condition:  I V=1

               Finding Item:  DOMG  (FI(3)=MH(232))
               Finding Type:  MENTAL HEALTH INSTRUMENT
                  Condition:  I V>3

               Finding Item:  CRS  (FI(4)=MH(19))
               Finding Type:  MENTAL HEALTH INSTRUMENT
                   MH Scale:  1
                  Condition:  I V>9

               Finding Item:  BDI  (FI(5)=MH(223))
               Finding Type:  MENTAL HEALTH INSTRUMENT
                   MH Scale:  1
                  Condition:  I V>9

               Finding Item:  ZUNG  (FI(6)=MH(87))
               Finding Type:  MENTAL HEALTH INSTRUMENT
                   MH Scale:  1
                  Condition:  I V>32
```

GI SYMPTOMS (IRAQ/AFGHANISTAN)   **No.568014**

```
Class:              NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
   This term represents the information collected from the reminder dialog
   that the question related to GI symptoms has been answered.  Separate
   health factors representing positive and negative answers to the question
   are included in this term.  Unless a site is already asking the specific
   question included in this reminder dialog, NO additional health factors
   or items should be added to this term.

Findings:

               Finding Item:  GI SYMPTOMS SCREEN NEGATIVE  (FI(1)=HF(127))
               Finding Type:  HEALTH FACTOR


               Finding Item:  GI SYMPTOMS SCREEN POSITIVE  (FI(2)=HF(126))

               Finding Type:  HEALTH FACTOR
```

IRAQ/AFGHAN PERIOD OF SERVICE   **No.135**

```
Class:              NATIONAL
Sponsor:
Date Created:
Review Date:
```

Description:
    This term contains a computed finding that determines if the patient's
    most recent service separation date was after 9/11/01. The computed
    finding is included to define the cohort of patients who need to be asked
    about service in the combat arena.

Findings:

                Finding Item: VA-IRAQ & AFGHAN SEP. DATE (FI(1)=CF(578006))
                Finding Type: REMINDER COMPUTED FINDING

IRAQ/AFGHAN SERVICE   **No.568012**

Class: NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
   This term contains the health factor that is entered from the dialog if
    the patient did, in fact, serve in the combat arena (on the ground, in
    the air or at sea).

Findings:

                Finding Item: IRAQ/AFGHAN SERVICE (FI(1)=HF(125))
                Finding Type: HEALTH FACTOR

IRAQ/AFGHAN SERVICE NO   **No.134**

Class: NATIONAL
Sponsor:
Date Created:
Review Date:

Description: This term contains the health factor that is entered from the dialog if
    the patient did not serve in the combat arena (on the ground, in the air
    or at sea). This health factor resolves the reminder.

Findings:

                Finding Item: NO IRAQ/AFGHAN SERVICE (FI(2)=HF(122))
                Finding Type: HEALTH FACTOR

OTHER SYMPTOMS (IRAQ/AFGHANISTAN)   **No.568017**

Class: NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
    This term represents the information collected from the reminder dialog
      that the question related to fatigue, headaches, etc has been answered.
      Separate health factors representing positive and negative answers to the
      question are included in this term. Unless a site is already asking the
      specific question included in this reminder dialog, NO additional health
      factors or items should be added to this term.

Findings:

                    Finding Item: OTHER PHYSICAL SYMPTOMS SCREEN NEGATIVE
(FI(1)=HF(131))
                    Finding Type: HEALTH FACTOR

                    Finding Item: OTHER PHYSICAL SYMPTOMS SCREEN POSITIVE
(FI(2)=HF(130))
                    Finding Type: HEALTH FACTOR

PERSISTENT RASH (IRAQ/AFGHANISTAN)   **No.568016**

Class: NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
    This term represents the information collected from the reminder dialog
      that the question related to persistent rashes or skin ulcers has been
      answered. Separate health factors representing positive and negative
      answers to the question are included in this term. Unless a site is
      already asking the specific question included in this reminder dialog, NO
      additional health factors or items should be added to this term.

Findings:

                    Finding Item: SKIN LESION SCREEN NEGATIVE (FI(1)=HF(132))
                    Finding Type: HEALTH FACTOR

                    Finding Item: SKIN LESION SCREEN POSITIVE (FI(2)=HF(124))
                    Finding Type: HEALTH FACTOR

PTSD SCREEN   **No.568013**

Class: NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
    If your site does PTSD screening, map any local health factors or exams
      that represent positive or negative screens for PTSD

Findings:

                    Finding Item: PTSD SCREEN NEGATIVE (FI(1)=HF(612599))
                    Finding Type: HEALTH FACTOR

                    Finding Item: PTSD SCREEN POSITIVE (FI(2)=HF(612598))

```
                         Finding Type:  HEALTH FACTOR




UNEXPLAINED FEVER (IRAQ/AFGHANISTAN)                        No.568015
--------------------------------------------------------------------------
Class:                   NATIONAL
Sponsor:
Date Created:
Review Date:

Description:
   This term represents the information collected from the reminder dialog
    that the question related to unexplained fever has been answered.
    Separate health factors representing positive and negative answers to the
    question are included in this term.  Unless a site is already asking the
    specific question included in this reminder dialog, NO additional health
    factors or items should be added to this term.


Findings:


                  Finding Item:  UNEXPLAINED FEVERS SCREEN NEGATIVE  (FI(1)=HF(129))
                  Finding Type:  HEALTH FACTOR

                  Finding Item:  UNEXPLAINED FEVERS SCREEN POSITIVE  (FI(2)=HF(128))
                  Finding Type:  HEALTH FACTOR
```

Appendix D: Health Factors

Health Factor Group	Health Factor
ALCOHOL USE	BINGE DRINKING DRINKING ALONE DRIVING UNDER THE INFLUENCE FAMILY HX OF ALCOHOL ABUSE HEAVY DRINKER (3 OR MORE/DAY) HISTORY OF AN ALCOHOL PROBLEM LEGAL COMPLICATIONS MODERATE DRINKER NON-DRINKER NON-DRINKER (NO ALCOHOL FOR >1 PREV. SCREEN ETOH PROBLEM REFUSED ALCOHOL ABUSE SCREENIN REFUSED ALCOHOL USE SCREENING
IRAQ/AFGHAN	GI SYMPTOMS SCREEN NEGATIVE GI SYMPTOMS SCREEN POSITIVE IRAQ/AFGHAN SERVICE NO IRAQ/AFGHAN SERVICE OTHER PHYSICAL SYMPTOMS SCREEN OTHER PHYSICAL SYMPTOMS SCREEN SKIN LESION SCREEN NEGATIVE SKIN LESION SCREEN POSITIVE UNEXPLAINED FEVERS SCREEN NEGA UNEXPLAINED FEVERS SCREEN POSI
MENTAL HEALTH	CURRENT F/U OR RX FOR DEPRESSI DEP SCREEN 2 QUESTION NEG DEP SCREEN 2 QUESTION POS DEPRESSION ASSESS INCONCLUSIVE DEPRESSION ASSESS NEGATIVE (NO DEPRESSION ASSESS POSITIVE (MD DEPRESSION TO BE MANAGED IN PC NO DEPRESSIVE SX NEED INTERVEN PT REFUSES TO TAKE ANTIPSYCHOT PTSD SCREEN NEGATIVE PTSD SCREEN POSITIVE REFERRAL TO MENTAL HEALTH REFUSED AIM EVALUATION REFUSED DEPRESSION ASSESSMENT REFUSED DEPRESSION RX/INTERVEN REFUSED DEPRESSION SCREENING UNABLE TO SCREEN-ACUTE MED CON UNABLE TO SCREEN-CHRONIC MED C ZZPTSD SCREEN NEGATIVE