Update _2_0_481

Clinical Reminders

VA-CRC FIT TEST ORDERED NOT RETURNED REMINDER

Install Guide

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Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

This reminder addresses a gap in the existing colorectal cancer screening reminder process. The fecal immunochemical test (FIT) is used for CRC screening in Veterans at average risk for colorectal cancer. The test may be provided and ordered via multiple locations (e.g., Primary Care, Gastroenterology, Mailed FIT Programs, ER). Mailed FIT Programs now exist in all VISNs and are expanding. Currently, the CRC Average Risk Screening Reminder is suppressed when a FIT is ordered, creating a void where providers may not be aware that the patient is due for CRC screening nor that a FIT has been ordered. The Veteran may be seen by their Primary Care Provider (PCP) during this window of time, when the PCP may want to be aware that CRC screening has not been completed.

Therefore, as the Mailed FIT Program expands, there will be a larger set of patients with orders for Mailed FIT that suppresses the reminder for CRC screening creating a missed opportunity for PCPs to have the discussion with the Veteran to encourage them to get screened and address any barriers to FIT completion. This 'information only' reminder will alert providers to counsel the patients in person. There is clear evidence of higher screening rates when discussion happens in clinics with their PCPs.

UPDATE_2_0_481 contains 1 Reminder Exchange entry:
UPDATE_2_0_481 VA-CSP DIALOG UPDATES

The exchange file contains the following components:

HEALTH FACTORS
> VA-REMINDER UPDATES [C]
> VA-UPDATE_2_0_481
> VA-CRC HF CATEGORY [C]
> VA-CRC PATIENT REMINDED TO RETURN FIT TEST
> VA-CRC AVG RISK MT-SDNA POSITIVE
> VA-CRC AVG RISK FOBT/FIT ABNORMAL
> VA-CRC AVG RISK FOBT/FIT NORMAL
> VA-CRC GAP ORDER FOBT/FIT
> VA-CRC AVG RISK ORDER FOBT/FIT

REMINDER SPONSOR
> VHA GI FIELD ADVISORY COMMITTEE

REMINDER TERM
> VA-REMINDER UPDATE_2_0_481
> VA-CRC FOBT/FIT
> VA-CRC GAP REMINDER DUE
> VA-CRC DIAGNOSTIC REMINDER DUE
> VA-CRC FOLLOW UP REMINDER DUE SOON OR DUE NOW

VA-CRC AVERAGE RISK REMINDER DUE NOW
VA-CRC AVG RISK ORDER FOBT/FIT

REMINDER DIALOG
VA-CRC FIT TEST ORDERED NOT RETURNED

REMINDER DEFINITION
VA-CRC FIT TEST ORDERED NOT RETURNED

Pre-Installation Steps

1. **Copy contents of VA-CRC FOBT/FIT, VA-CRC AVG RISK ORDER FOBT/FIT, and VA-CRC GAP REMINDER DUE reminder terms.**

   From REMINDER MANAGERS MENU select REMINDER TERM MANAGEMENT (TRM), then INQUIRE ABOUT REMINDER TERM (TI), then enter name of term.

   a. VA-CRC FOBT/FIT,
   b. VA-CRC AVG RISK ORDER FOBT/FIT, and
   c. VA-CRC GAP REMINDER DUE

2. **Review the VA-CRC AVG RISK ORDER FOBT/FIT reminder term.**

   This term represents an active order for a fecal immunochemical test (FIT) or a fecal occult blood test (FOBT). If an orderable item for an order is mapped; then the corresponding health factor should be removed. Ideally only orderable items are mapped to this reminder term.

   Orderable items should have a status of ACTIVE, PENDING and SCHEDULED.

   Note: Orderable items with a correct status are always a better representation of an order than a health factor. If an active order is discontinued, then orderable items are evaluated correctly. A health factor representing an order will persist causing an incorrect evaluation. Do not use health factors to represent an order if the orderable item is available.

3. **Coordinate with clinical leadership to determine date to add to CPRS cover sheet.**

Install Details

This update is being distributed as a web host file. The address for the host file is:

https://REDACTED/UPDATE_2_0_481.PRD

The file will be installed using Reminder Exchange, programmer access is not required.

Installation:

=============

This update can be loaded with users on the system. Installation will take less than 20 minutes.

Install Example

To Load the Web Host File. Navigate to Reminder exchange in Vista

```
CMM   Create MailMan Message              LR    List Reminder Definitions
DFE   Delete Exchange File Entry          LWH   Load Web Host File
IFE   Install Exchange File Entry         RI    Reminder Definition Inquiry
IH    Installation History                RP    Repack
Select Action: Next Screen// LWH    Load Web Host File
Input the URL for the .prd file:
```

At the **Select Action:** prompt, enter **LWH** for Load Web Host File

At the **Input the url for the .prd file:** prompt, type the following web address:

https://REDACTED/UPDATE_2_0_481.PRD

You should see a message at the top of your screen that the file successfully loaded.

Search and locate an entry titled **UPDATE_2_0_481 VA-CRC FIT TEST ORDERED NOT RETURNED** in reminder exchange.

```
+Item   Entry                          Source                Date Packed
   789  UPDATE_2_0_481 VA-CRC FIT
        TEST ORDERED NOT RETURNED
   790  UPDATE_2_0_49 VA-SUICIDE
        BEHAVIOR AND OVERDOSE REPORT
   791  UPDATE_2_0_5 MISC UPDATE 1
   792  UPDATE_2_0_50 DEPRESSION
        MONITORING
   793  UPDATE_2_0_51 VA-DOD HOSPITAL
        NOTIFICATION NOTE
   794  UPDATE_2_0_52 VA-RELATIONSHIP
+          + Next Screen   - Prev Screen    ?? More Actions           >>>
CFE   Create Exchange File Entry          LHF   Load Host File
CHF   Create Host File                    LMM   Load MailMan Message
CMM   Create MailMan Message              LR    List Reminder Definitions
DFE   Delete Exchange File Entry          LWH   Load Web Host File
IFE   Install Exchange File Entry         RI    Reminder Definition Inquiry
IH    Installation History                RP    Repack
Select Action: Next Screen// IFE    Install Exchange File Entry
Enter a list or range of numbers (1-1012): 789
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry UPDATE_2_0_481 VA-CRC FIT TEST
ORDERED NOT RETURNED *(in this example it is entry 789. It will vary by site).* The date of the
exchange file should be 12/20/2024.

```
Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-CRC FIT TEST ORDERED NOT RETURNED

REMINDER TERM
  VA-REMINDER UPDATE_2_0_481

REMINDER DEFINITION
  VA-CRC FIT TEST ORDERED NOT RETURNED

Keywords:
+          Enter ?? for more actions                              >>>
IA   Install all Components          IS   Install Selected Component
Select Action: Next Screen// IA
```

At the **Select Action** prompt, type **IA** for Install all Components and hit enter.
Select Action: Next Screen// IA   Install all Components

You will see several prompts, for all <u>new</u> entries you will choose **I to Install**

For <u>all other components that already exists</u> but the packed component is different, choose **SKIP
to skip installation.**

Skip all existing health factors and reminder terms.

REMINDER TERM entry named VA-CRC FOBT/FIT already exists but the
packed component is different, what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        M   Merge findings
        O   Overwrite the current entry
        U   Update
        Q   Quit the install
        S   Skip, do not install this entry

Enter response: O// **Skip, do not install this entry**

REMINDER TERM entry named VA-CRC GAP REMINDER DUE already exists but
the packed component is different, what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        M   Merge findings

O   Overwrite the current entry
U   Update
Q   Quit the install
S   Skip, do not install this entry

Enter response: O// **Skip, do not install this entry**

REMINDER TERM entry named VA-CRC AVG RISK ORDER FOBT/FIT already
exists but the packed component is different, what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        M   Merge findings
        O   Overwrite the current entry
        U   Update
        Q   Quit the install
        S   Skip, do not install this entry

Enter response: O// **Skip, do not install this entry**

REMINDER DEFINITION entry named VA-REPLACE DEFINITION already exists
but the packed component is different, what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        O   Overwrite the current entry
        U   Update
        Q   Quit the install
        S   Skip, do not install this entry

Enter response: O// **Skip, do not install this entry**

**You will be prompted to install the reminder dialog component (VA-CRC FIT TEST ORDERED
NOT RETURNED).** You will choose to install all even though some components may have an X to
indicate that they exist.

```
 Item   Seq. Dialog Findings                                     Type     Exists
   1      VA-CRC FIT TEST ORDERED NOT RETURNED                   dialog

   2     10 VA-GP FIT TEST ORDERED                               group
           Finding: *NONE*
   3     10.5 VA-CRC REMINDED PATIENT TO RETURN FOBT TEST        element
           Finding: VA-CRC PT REMINDED OF FIT TEST (HEALTH FACTOR)           X
   4     PXRM COMMENT                                            prompt       X




              + Next Screen    - Prev Screen   ?? More Actions
DD    Dialog Details       DT    Dialog Text       IS    Install Selected
DF    Dialog Findings      DU    Dialog Usage      QU    Quit
DS    Dialog Summary       IA    Install All
Select Action: Quit// IA
```

At the **Select Action** prompt, type **IA** to install the dialog: <mark>VA-CRC FIT TEST ORDERED NOT RETURNED</mark>
Select Action: Next Screen// <mark>IA   Install All</mark>
Install reminder dialog and all components with no further changes: Y// <mark>Yes</mark>

Select Reminder to Link: <mark>VA-CRC FIT TEST ORDERED NOT RETURNED</mark>
The "Select Reminder to Link" option may not be seen by all sites.

```
Packed reminder dialog: VA-CRC FIT TEST ORDERED NOT RETURNED [NATIONAL DIALOG]
VA-CRC FIT TEST ORDERED NOT RETURNED (reminder dialog) installed from exchange f
 Item   Seq. Dialog Findings                                     Type     Exists
   1      VA-CRC FIT TEST ORDERED NOT RETURNED                   dialog       X

   2     10 VA-GP FIT TEST ORDERED                               group        X
           Finding: *NONE*
   3     10.5 VA-CRC REMINDED PATIENT TO RETURN FOBT TEST        element      X
           Finding: VA-CRC PT REMINDED OF FIT TEST (HEALTH FACTOR)           X
   4     PXRM COMMENT                                            prompt       X




              + Next Screen    - Prev Screen   ?? More Actions
DD    Dialog Details       DT    Dialog Text       IS    Install Selected
DF    Dialog Findings      DU    Dialog Usage      QU    Quit
DS    Dialog Summary       IA    Install All
Select Action: Quit// Q
```

After completing this dialog install, you will type **Q.**

```
Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-CRC FIT TEST ORDERED NOT RETURNED

REMINDER TERM
  VA-REMINDER UPDATE_2_0_481

REMINDER DEFINITION
  VA-CRC FIT TEST ORDERED NOT RETURNED

Keywords:
+         + Next Screen   - Prev Screen   ?? More Actions                  >>>
IA   Install all Components          IS   Install Selected Component
Select Action: Next Screen// Q
```

You will then be returned to this screen. At the **Select Action** prompt, type **Q.**

Install complete.

Post Installation

1. **Confirm contents of VA-CRC FOBT/FIT, VA-CRC AVG RISK ORDER FOBT/FIT, and VA-CRC GAP REMINDER DUE reminder terms match the pre-installation contents.**

   From REMINDER MANAGERS MENU select REMINDER TERM MANAGEMENT (TRM), then INQUIRE ABOUT REMINDER TERM (TI), then enter name of term.

   a. **VA-CRC FOBT/FIT,**
   b. **VA-CRC AVG RISK ORDER FOBT/FIT, and**
   c. **VA-CRC GAP REMINDER DUE**

2. **Modify the VA-CRC AVERAGE RISK REMINDER DUE NOW reminder term.**

   Begin in the Reminder Managers Menu

   ```
   CF    Reminder Computed Finding Management ...
   RM    Reminder Definition Management ...
   SM    Reminder Sponsor Management ...
   TXM   Reminder Taxonomy Management
   TRM   Reminder Term Management ...
   LM    Reminder Location List Management ...
   RX    Reminder Exchange
   ```

RT   Reminder Test
OS   Other Supporting Menus ...
INFO   Reminder Information Only Menu ...
DM   Reminder Dialog Management ...
CP   CPRS Reminder Configuration ...
RP   Reminder Reports ...
MST   Reminders MST Synchronization Management ...
PL   Reminder Patient List Menu ...
PAR   Reminder Parameters ...
VS   NLM Value Set Menu
ROC   Reminder Order Check Menu ...
CQM   NLM Clinical Quality Measures Menu
XM   Reminder Extract Menu ...

Select Reminder Managers Menu <TEST ACCOUNT> Option: **TRM Reminder Term Management**

TL   List Reminder Terms
TI   Inquire about Reminder Term
TE   Add/Edit Reminder Term
TC   Copy Reminder Term
TICS   Integrity Check Selected
TICA   Integrity Check All
TEST   Term Test

Select Reminder Term Management <TEST ACCOUNT> Option: **TE Add/Edit Reminder Term**

Select Reminder Term: **VA-CRC AVERAGE RISK REMINDER DUE NOW**
      ...OK? Yes// **Yes**

Choose from:

CF VA-REMINDER DEFINITION   Finding # 1
Select Finding: **`1** VA-REMINDER DEFINITION

Display help for CF.VA-REMINDER DEFINITION? **NO**
Editing Finding Number: 1
FINDING ITEM: VA-REMINDER DEFINITION// **<enter>**
BEGINNING DATE/TIME: **<enter>**
ENDING DATE/TIME: **<enter>**
OCCURRENCE COUNT: **<enter>**
COMPUTED FINDING PARAMETER: VA-REPLACE DEFINITION
      Replace **...** With **VA-CRC AVERAGE RISK** (No space before or after)
CONDITION: I V("STATUS")["DUE NOW" Replace **<enter>**
CONDITION CASE SENSITIVE: NO// **<enter>**
USE STATUS/COND IN SEARCH: **<enter>**

3. **Modify the VA-CRC DIAGNOSTIC REMINDER DUE reminder term.**

    Begin in the Reminder Managers Menu

    CF   Reminder Computed Finding Management ...

RM   Reminder Definition Management ...
SM   Reminder Sponsor Management ...
TXM   Reminder Taxonomy Management
TRM   Reminder Term Management ...
LM   Reminder Location List Management ...
RX   Reminder Exchange
RT   Reminder Test
OS   Other Supporting Menus ...
INFO   Reminder Information Only Menu ...
DM   Reminder Dialog Management ...
CP   CPRS Reminder Configuration ...
RP   Reminder Reports ...
MST   Reminders MST Synchronization Management ...
PL   Reminder Patient List Menu ...
PAR   Reminder Parameters ...
VS   NLM Value Set Menu
ROC   Reminder Order Check Menu ...
CQM   NLM Clinical Quality Measures Menu
XM   Reminder Extract Menu ...

Select Reminder Managers Menu <TEST ACCOUNT> Option: **TRM Reminder Term Management**

    TL   List Reminder Terms
    TI   Inquire about Reminder Term
    TE   Add/Edit Reminder Term
    TC   Copy Reminder Term
    TICS Integrity Check Selected
    TICA Integrity Check All
    TEST Term Test

Select Reminder Term Management <TEST ACCOUNT> Option: **TE Add/Edit Reminder Term**

Select Reminder Term: **VA-CRC DIAGNOSTIC REMINDER DUE**
      ...OK? Yes// **Yes**

Choose from:

CF VA-REMINDER DEFINITION   Finding #   1
Select Finding: **`1** VA-REMINDER DEFINITION

Display help for CF.VA-REMINDER DEFINITION? **NO**
Editing Finding Number: 1
FINDING ITEM: VA-REMINDER DEFINITION// **<enter>**
BEGINNING DATE/TIME: **<enter>**
ENDING DATE/TIME: **<enter>**
OCCURRENCE COUNT: **<enter>**
COMPUTED FINDING PARAMETER: VA-REPLACE DEFINITION
        Replace **...** With **VA-CRC DIAGNOSTIC COLONOSCOPY** (No space before
                                        or after)
CONDITION: I V("STATUS")["DUE NOW" Replace **<enter>**
CONDITION CASE SENSITIVE: NO// **<enter>**
USE STATUS/COND IN SEARCH: **<enter>**

4. Modify the VA-CRC FOLLOW UP REMINDER DUE SOON OR DUE NOW reminder term.

Begin in the Reminder Managers Menu

```
CF     Reminder Computed Finding Management ...
RM     Reminder Definition Management ...
SM     Reminder Sponsor Management ...
TXM    Reminder Taxonomy Management
TRM    Reminder Term Management ...
LM     Reminder Location List Management ...
RX     Reminder Exchange
RT     Reminder Test
OS     Other Supporting Menus ...
INFO   Reminder Information Only Menu ...
DM     Reminder Dialog Management ...
CP     CPRS Reminder Configuration ...
RP     Reminder Reports ...
MST    Reminders MST Synchronization Management ...
PL     Reminder Patient List Menu ...
PAR    Reminder Parameters ...
VS     NLM Value Set Menu
ROC    Reminder Order Check Menu ...
CQM    NLM Clinical Quality Measures Menu
XM     Reminder Extract Menu ...
```

Select Reminder Managers Menu <TEST ACCOUNT> Option: **TRM Reminder Term Management**

```
TL     List Reminder Terms
TI     Inquire about Reminder Term
TE     Add/Edit Reminder Term
TC     Copy Reminder Term
TICS   Integrity Check Selected
TICA   Integrity Check All
TEST   Term Test
```

Select Reminder Term Management <TEST ACCOUNT> Option: **TE Add/Edit Reminder Term**

Select Reminder Term: **VA-CRC FOLLOW UP REMINDER DUE SOON OR DUE NOW**
     ...OK? Yes// **Yes**

Choose from:

CF VA-REMINDER DEFINITION   Finding #   1
Select Finding: **`1** VA-REMINDER DEFINITION

Display help for CF.VA-REMINDER DEFINITION? **NO**
Editing Finding Number: 1
FINDING ITEM: VA-REMINDER DEFINITION// **<enter>**
BEGINNING DATE/TIME: **<enter>**

ENDING DATE/TIME: <mark>**<enter>**</mark>
OCCURRENCE COUNT: <mark>**<enter>**</mark>
COMPUTED FINDING PARAMETER: VA-REPLACE DEFINITION
       Replace <mark>**...**</mark> With <mark>**VA-CRC FOLLOW UP COLONOSCOPY**</mark> (No space before
                           or after)
CONDITION: I V("STATUS")["DUE" Replace <mark>**<enter>**</mark>
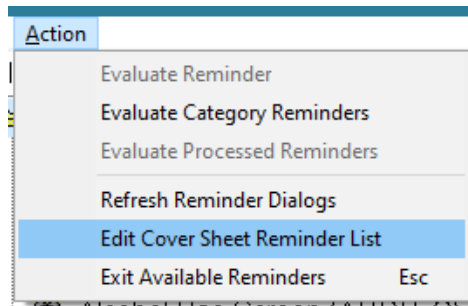CONDITION CASE SENSITIVE: NO// <mark>**<enter>**</mark>
USE STATUS/COND IN SEARCH: <mark>**<enter>**</mark>

5. **Add the new reminder definition to your CPRS cover sheet as coordinated with leadership.**

The steps below describe how to add this clinical reminder to the CPRS cover sheet at the **SYSTEM** level. Follow local policies for assigning cover sheet reminders.

    a. On the CPRS cover sheet, select the clock icon

    b. Select ACTION > EDIT COVER SHEET REMINDER LIST

c. Add the **Info Only: FIT Ordered: Remind Patient to Return (VA-CRC FIT TEST ORDERED NOT RETURNED)** definition to the SYSTEM level for your Cover Sheet

> The steps below describe how to add this clinical reminder to the CPRS cover sheet at the **SYSTEM** level. Follow local policies for assigning cover sheet reminders.