Update _2_0_456

Clinical Reminders

VA-LIFE SUSTAINING TREATMENT PATIENT RESUSCITATION STATUS FOR CPRS BANNER And REMINDER ORDER CHECK

Install Guide

September 2024

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Introduction

This update includes the new VA-LIFE SUSTAINING TREATMENT STATUS reminder definition and the new VA-LIFE SUSTAINING TREATMENT reminder order check.

1. The VA-LIFE SUSTAINING TREATMENT STATUS reminder definition displays the patient's resuscitation status on the CPRS banner. It is not intended for any other use.

   The reminder searches for active DNR, Full Code, and DNR Except orders and the most recently documented health factors representing documentation of a DNR, Full Code, and DNR Except status in the Life-Sustaining Treatment note to determine the resuscitation status.

2. The VA-LIFE SUSTAINING TREATMENT reminder order check warns a user of an existing active Life Sustaining Treatment DNR, DNR Except, or Full Code order when placing a new order.

This CPRS banner reminder definition and reminder order check are mandated for use by Veterans Health Administration (VHA) Handbook 1004.03, "Life-Sustaining Treatment Decisions: Eliciting, Documenting and Honoring Patients' Values, Goals and Preferences,"

Clinical Informatics staff MUST work closely with their local clinical leadership to complete pre-installation steps in support of facility deployment.

The exchange file contains the following:

HEALTH FACTORS
ETHICS-CPR-FULL CODE
ETHICS-DNAR/DNR
ETHICS-DNAR/DNR-EXCEPT
ETHICS-RESUSCITATION [C]
VA-UPDATE_2_0_456

REMINDER DEFINITION
VA-LIFE SUSTAINING TREATMENT STATUS

REMINDER ORDER CHECK ITEMS GROUP
VA-LIFE SUSTAINING TREATMENT ACTIVE ORDERS

REMINDER ORDER CHECK RULE
VA-LIFE SUSTAINING TREATMENT ACTIVE ORDER

REMINDER SPONSOR
NATIONAL CENTER FOR ETHICS IN HEALTH CARE

REMINDER TERMS
VA-LST ACTIVE ORDERS
VA-LST DNR ACTIVE ORDER
VA-LST DNR EXCEPT ACTIVE ORDERS
VA-LST FULL CODE ACTIVE ORDER
VA-LST HF DNR
VA-LST HF DNR EXCEPT
VA-LST HF FULL CODE
VA-REMINDER UPDATE_2_0_456

Pre-Install

1. **Coordinate with the appropriate local leadership before installing this update in the production account.**

Each site should confirm the national orders, orderable items, VA-LIFE-SUSTAINING TREATMENT reminder dialog, and the national note title described in patch PXRM*2.0*35 released in 2017 and Clinical Reminder Update 185 released in 2021 have been actively used the past several years before completing this update's post-installation steps.

The use of the national orderable items for DNR and DNR EXCEPT orders in conjunction with the VA-LIFE-SUSTAINING TREATMENT reminder dialog are central to the accuracy of the new patient resuscitation status banner.

2. **Identify the orderable item linked to a local FULL CODE order if a local order exists.**

A new Full Code LST generic order and orderable item will need to be created by local Clinical Informatics staff. A full code order and orderable item was not included in the previous Life Sustaining Treatment releases. However, many sites have created full code local orderable items and order(s) that are used to display the patient has decided to have a full code resuscitation status.

It is important to identify the local orderable item if the order exists and is only used to display the patient has decided to have a full code resuscitation status. **This local orderable item can only be mapped to the reminder terms described below if the order has been used in the existing VA-LIFE-SUSTAINING TREATMENT reminder dialog.**

3. **Identify the orderable item linked to the local DNR order.** The order should be mapped to the VA-LST DNR (E) dialog group. The orderable item should be named "LST DNR - DO NOT RESUSCITATE", however many sites have a variation of the standard name. It is important to identify the orderable item used locally.

   Addendum A is an example of identifying the orderable item mapped to an order dialog.

4. **Identify the orderable item linked to the local DNR Except order**. The order should be mapped to the VA-LST DNR EXCEPT 2 (G) dialog group. The orderable item should be named "LST DNR EXCEPT", however many sites have a variation of the standard name. It is important to identify the orderable item used locally.

   Addendum A is an example of identifying the orderable item mapped to an order dialog.

5. **Create the new Full Code orderable item and order dialog.**

   The new orderable item and order dialog must be created and used, even if a local order has been in place. This new national standard order dialog must replace all local full code order dialogs.

   One new generic order and orderable item will need to be created to populate into the Life-Sustaining Treatment display group.

   Please note that these generic orders do NOT have an associated "stop date/time." They are designed to be durable and not automatically discontinue.

   Some site VistA menus may omit some of the steps for creating a generic order listed below. If the local menu does not show data that is listed below, look a bit further down the menu example and you will likely see where the local menu continues as displayed here.

   You will need to build this order exactly as displayed in the menu examples below.

   (NOTE: The orderable item is built during the building of the order itself. This allows for the addition of the orderable item to the orderable item file associated with the Life-Sustaining Treatment display group, which most Clinical Application Coordinators will not have direct access to for editing/viewing purposes.)

   Please ensure that you edit the "Display Text" as shown, so that the way the orders display on menus is consistent no matter which menu they are associated with.

A. Navigate to the Orders Management Menu

   OI   Manage orderable items ...

```
PM    Enter/edit prompts
GO    Enter/edit generic orders
QO    Enter/edit quick orders
QU    Edit personal quick orders by user
ST    Enter/edit order sets
AC    Enter/edit actions
MN    Enter/edit order menus
AO    Assign Primary Order Menu
CP    Convert protocols
SR    Search/replace components
LM    List Primary Order Menus
DS    Disable/Enable order dialogs
CS    Review Quick Orders for Inactive ICD9 Codes
MR    Medication Quick Order Report
CA    Quick Order Mixed-Case Report
CO    Create Clinic Order QOs from Inpatient QOs
CV    Convert IV Inpatient QO to Infusion QO
DF    Quick Order Free-Text Report
FR    IV Additive Frequency Utility
SP    SUPPLY COVERSION UTILITY MENU ...


Select Order Menu Management <TEST ACCOUNT> Option: GO
```

B. Create the OR LST FULL CODE generic order.

Select ORDER DIALOG NAME: OR LST FULL CODE (All sites must create this new national standard order dialog for Full Code, even if a local order dialog already exists)

Are you adding 'OR LST ' as a new ORDER DIALOG? No// Yes
DISPLAY GROUP: LIFE-SUSTAINING TREATMENT

ORDERABLE ITEM: LST FULL CODE (All sites must create this new national standard orderable item for Full Code, even if a local orderable item already exists)

Are you adding 'LST FULL CODE' as
  a new ORDERABLE ITEMS (the 4038TH)? No// Yes
Do you wish to copy an existing order dialog? YES// NO

NAME: OR LST FULL CODE

DISPLAY TEXT: Full Code
      Replace
SIGNATURE REQUIRED: ORES
VERIFY ORDER: NO
ASK FOR ANOTHER ORDER: NO
DESCRIPTION:
  Edit? NO// YES

This order supports implementation of VHA Handbook 1004.03, as managed by

the National Center for Ethics in Health Care policy on Life Sustaining Treatments.

```
    Edit? NO//
ENTRY ACTION:
EXIT ACTION:
VALIDATION:
ADDITIONAL TEXT:
DISPLAY GROUP: LIFE-SUSTAINING TREATMENT//

Select PROMPT: ?

Select PROMPT: 1    OR GTX ORDERABLE ITEM
SEQUENCE: 1//
PROMPT: OR GTX ORDERABLE ITEM//        pointer to a file
INDEX: S.LSTP//
SCREEN:
SPECIAL LOOKUP ROUTINE:
DISPLAY TEXT: Order: //
REQUIRED: YES//
MULTIPLE VALUED:
ASK ON EDIT ONLY: YES//
ASK ON ACTION:
HELP MESSAGE:
XECUTABLE HELP:
ASK ON CONDITION: I 0 ;uneditable//
INPUT TRANSFORM:
DEFAULT: S Y=2513//
```
DEFAULT: S Y=2513// (Note: Local VistA systems may display this as the orderable item.
                                 Do NOT replace it.)
```
POST-SELECTION ACTION:
ENTRY ACTION:
EXIT ACTION:
ORDER TEXT SEQUENCE: 1// @
   SURE YOU WANT TO DELETE? Yes
```
SURE YOU WANT TO DELETE? **Yes** (This should be blank, so that the orderable item does NOT appear in the actual order on the orders tab in CPRS)

```
Select PROMPT: 2
SEQUENCE: 2//
PROMPT: OR GTX WORD PROCESSING 1        word processing
DISPLAY TEXT: LST ORDER:
REQUIRED: YES
MULTIPLE VALUED: NO
ASK ON EDIT ONLY: YES
ASK ON ACTION: RCW
HELP MESSAGE:
```
(Note: After HELP MESSAGE – some local VistA systems skip several prompts and automatically open the box for word processing.)
```
XECUTABLE HELP:
ASK ON CONDITION:
INPUT TRANSFORM:
DEFAULT WORD-PROCESSING TEXT:
```

Edit? NO// **YES**
==[WRAP]==[INSERT]====< DEFAULT WORD-PROCESSING T[Press <PF1>H for
Full Code

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

POST-SELECTION ACTION:
ENTRY ACTION:
EXIT ACTION:
ORDER TEXT SEQUENCE: **1**
FORMAT:
OMIT TEXT:
LEADING TEXT:
TRAILING TEXT:
START NEW LINE:
WORD-WRAP:

Select PROMPT: **3**
SEQUENCE: 3//
PROMPT: **OR GTX START DATE/TIME**
DISPLAY TEXT: **START DATE/TIME:**
REQUIRED: **YES**
MULTIPLE VALUED: **NO**
ASK ON EDIT ONLY: **YES**
ASK ON ACTION: **RCW**
HELP MESSAGE: **Enter the date/time to begin this order.**

XECUTABLE HELP:
ASK ON CONDITION:
INPUT TRANSFORM:
DEFAULT: **S Y="NOW"** (NOTE: Local VistA setup may require simply entering the word
                        NOW)
POST-SELECTION ACTION:
ENTRY ACTION:
EXIT ACTION:
ORDER TEXT SEQUENCE: 2// **@**
  SURE YOU WANT TO DELETE? **Yes** (This should be blank, so that the start time does NOT appear in the
actual order on the orders tab in CPRS)

Select PROMPT: **<ENTER>**
Auto-accept this order? **YES**
Do you want to test this dialog now? **YES**

Order: LST Full Code
    LST ORDER: Full Code
    START DATE/TIME:NOW (5/1/24@07:52)
----

6. Edit the LIFE-SUSTAINING TREATMENT Display Group via FileMan Enter/Edit.

This step requires FileMan Enter/Edit access for File # 100.98 DISPLAY GROUP. Contact appropriate OIT staff if necessary.

A. Add the OR GXMISC GENERAL order dialog to the DEFAULT DIALOG field in the LIFE-SUSTAINING TREATMENT display group.

```
      Enter or Edit File Entries
      Print File Entries
      Search File Entries
      Modify File Attributes
      Inquire to File Entries
      Utility Functions ...
      Data Dictionary Utilities ...
      Transfer Entries
      Other Options ...


Select VA FileMan <TEST ACCOUNT> Option: Enter or Edit File Entries

Input to what File: DISPLAY GROUP
EDIT WHICH FIELD: ALL// DEFAULT DIALOG
THEN EDIT FIELD: <enter>


Select DISPLAY GROUP NAME: LIFE-SUSTAINING TREATMENT
DEFAULT DIALOG: OR GXMISC GENERAL

Select DISPLAY GROUP NAME:

      Enter or Edit File Entries
      Print File Entries
      Search File Entries
      Modify File Attributes
      Inquire to File Entries
      Utility Functions ...
      Data Dictionary Utilities ...
      Transfer Entries
      Other Options ...
```

B. Confirm the OR GXMISC GENERAL order dialog is populating the DEFAULT DIALOG field in the LIFE-SUSTAINING TREATMENT display group.

Select VA FileMan <TEST ACCOUNT> Option: <mark>INQuire to File Entries</mark>

Output from what File: <mark>DISPLAY GROUP</mark>
Select DISPLAY GROUP NAME: <mark>LIFE-SUSTAINING TREATMENT</mark>
Another one: <mark><enter></mark>
Standard Captioned Output? <mark>Yes</mark>
Include COMPUTED fields: (N/Y/R/B): NO// <mark>BOTH</mark> Computed Fields and Record Number
 (IEN)

NUMBER: <mark>NAME: LIFE-SUSTAINING TREATMENT</mark>
 MIXED NAME: Life Sustaining Treatment Plan
 SHORT NAME: LSTP   <mark>DEFAULT DIALOG: OR GXMISC GENERAL</mark>

   7. Plan to confirm correct status of inpatients on implementation date.

Test sites found it beneficial to confirm the correct banner patient resuscitation status for all inpatients on implementation date. We recommend discussing this post-installation step with local leadership.

UPDATE_2_0_456 contains 1 Reminder Exchange entry named **UPDATE_2_456 VA-LIFE SUSTAINING TREATMENT BANNER**

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_456.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.

Install Example

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

```
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// LWH    Load Web Host 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_456.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_456 VA-LIFE SUSTAINING TREATMENT BANNER** in reminder exchange.

```
+Item   Entry                              Source                  Date Packed
  663   UPDATE_2_0_456 VA-LIFE
        SUSTAINING TREATMENT STATUS
        BANNER
  664   UPDATE_2_0_459 VA-TERATOGENIC
        MEDS ORDER CHECKS UPDATE
        2024-02
  665   UPDATE_2_0_46 VA-MH TOBACCO
        USE SCREEN
  666   UPDATE_2_0_47 VA-HEPATITIS B
        IMMUNIZATIONS
+            + 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 (1-892): 663
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry UPDATE_2_0_456 VA-LIFE SUSTAINING TREATMENT STATUS BANNER *(in this example it is entry 663. It will vary by site).* The date of the exchange file should be 09/18/2024.

```
Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK ITEMS GROUP
   VA-LIFE SUSTAINING TREATMENT ACTIVE ORDERS

REMINDER ORDER CHECK RULES
   VA-LIFE SUSTAINING TREATMENT ACTIVE ORDER

REMINDER TERM
   VA-REMINDER UPDATE_2_0_456

REMINDER DEFINITION
+            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

Install all new components.

Merge all reminder terms.

Life-Sustaining Treatment (LST) orderable items:
- Some sites do not have the nationally standardized naming convention for their LST orderable items.

- If you see the following prompts during installation, replace the national orderable item with the local one identified in pre-installation by selecting P for replace.

    Finding OI.LST DNR EXCEPT does not exist, what do you want to do?

        Select one of the following:
            D   Delete
            P   Replace with an existing entry
            Q   Quit the install

    Enter response: **P** Replace with an existing entry

    Select ORDERABLE ITEMS NAME: **LOCAL LST DNR EXCEPT**
    (Enter name of your site's local orderable item used in the generic order linked to the VA-LST DNR EXCEPT 2 (G) group.)

    Finding OI.LST DNR - DO NOT RESUSCITATE does not exist, what do you want to do?

        Select one of the following:
            D   Delete
            P   Replace with an existing entry
            Q   Quit the install

    Enter response: **P** Replace with an existing entry
    Select ORDERABLE ITEMS NAME: **LOCAL LST DNR - DO NOT RESUSCITATE**
    (Enter name of your site's local orderable item used in the generic order linked to the VA-LST DNR (E) element.)

    Finding OI.LST FULL CODE does not exist, what do you want to do?

Select one of the following:

    D   Delete
    P   Replace with an existing entry
    Q   Quit the install

Enter response: **P** Replace with an existing entry
Select ORDERABLE ITEMS NAME: **LOCAL LST FULL CODE**
(Enter name of your site's local orderable item used for full code orders or the one created in pre-installation.)

Merge the VA-LST DNR EXCEPT ACTIVE ORDERS reminder term.

REMINDER TERM entry named VA-LST DNR EXCEPT ACTIVE ORDERS 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//**MERGE**

Merge the VA-LST DNR ACTIVE ORDER reminder term.

REMINDER TERM entry named VA-LST DNR ACTIVE ORDER 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//**MERGE**

```
Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK ITEMS GROUP
  VA-LIFE SUSTAINING TREATMENT ACTIVE ORDERS

REMINDER ORDER CHECK RULES
  VA-LIFE SUSTAINING TREATMENT ACTIVE ORDER

REMINDER TERM
  VA-REMINDER UPDATE_2_0_456

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

After completing this dialog install, you will type <mark>Q</mark>.
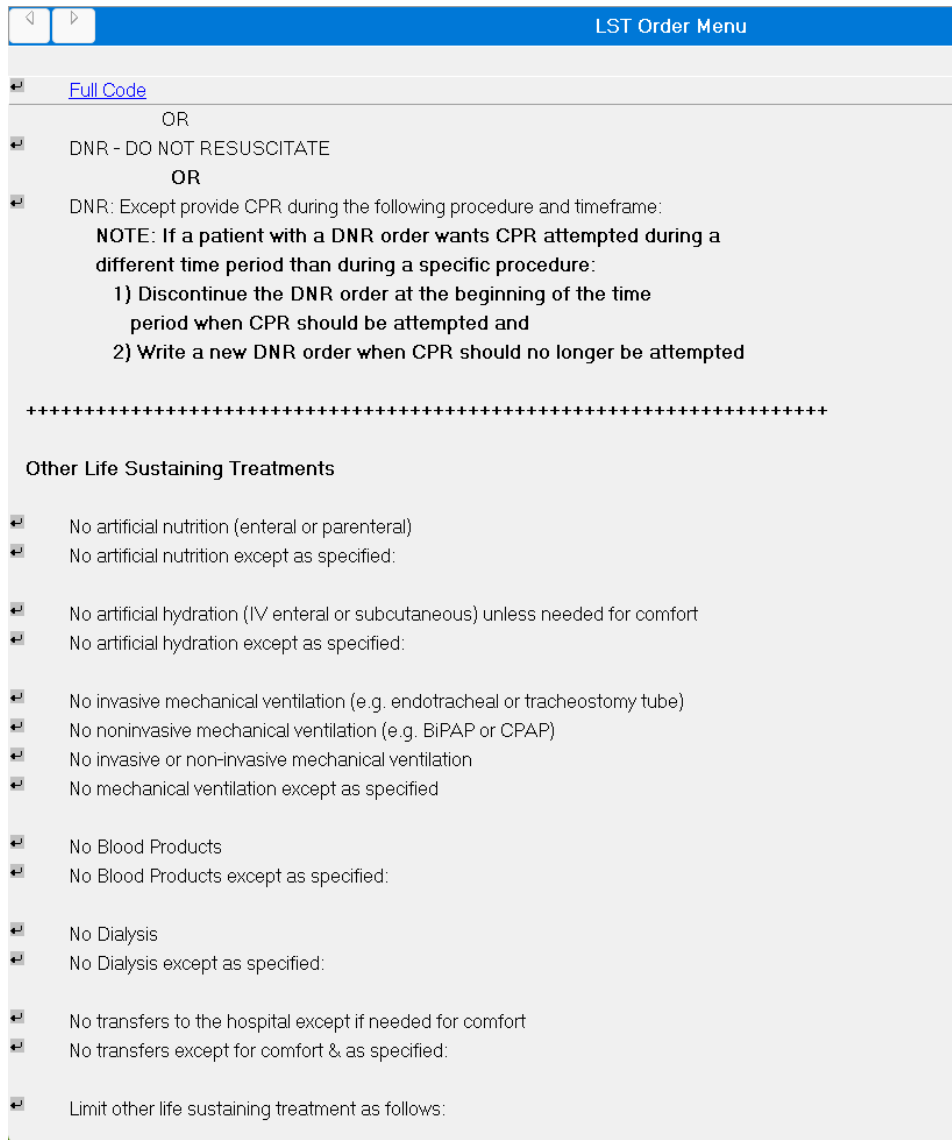
Post Installation

1. Edit existing Life-Sustaining Treatment Order Menu (If applicable).

Edit existing local Life Sustaining Treatment order menus (if applicable). This step is only needed if sites have elected to allow orders from a menu outside the Life-Sustaining Treatment note.

The new FULL CODE order dialog (OR LST FULL CODE) should be added to existing Life-Sustaining Treatment order menus, if applicable. (The new national standard full code order dialog should replace all local full code order dialogs)

The revised LST order menu should look like the menu below:

2. Map the new Full Code order to the VA-LST FULL CODE 2 (G) dialog group.

Current dialog element/group name: VA-LST FULL CODE 2 (G)
Used by: VA-LST RESUSCITATION-CPR/DNR 2 (G) (Dialog Group)

FINDING ITEM: ETHICS-CPR-FULL CODE//

Select ADDITIONAL FINDINGS: Enter "Q." and name of full code order

3. Add the new FULL CODE orderable item to the VA-LIFE SUSTAINING TREATMENT ORDERABLE ITEMS reminder term.

An object within the reminder dialog displays active Life Sustaining Treatment orders. All orderable items for the Life-Sustaining Treatment orders need to be added to the VA-LIFE SUSTAINING TREATMENT ORDERABLE ITEMS reminder term for the object to work correctly.

A. Navigate to the Reminder Term Management menu and edit the VA- LIFE SUSTAINING TREATMENT ORDERABLE ITEMS reminder term.

```
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 ...
GEC     GEC Referral Report
```

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

```
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==

Select Reminder Term: ==VA-LIFE SUSTAINING TREATMENT ORDERABLE ITEMS   NATIONAL==
    ...OK? Yes//==Yes==

B. Add the new FULL CODE orderable item as a finding. Ensure to set the status to ACTIVE. (Local orderable item(s) for full code should also be mapped if applicable)

Select Finding: ==OI.LST FULL CODE== (Enter "OI." before the name of each orderable item when adding as a finding.

 Are you adding 'LST FULL CODE' as
    a new FINDINGS (the 3RD for this REMINDER TERM)? No// ==Yes==
Editing Finding Number: 1
FINDING ITEM: LST FULL CODE//
BEGINNING DATE/TIME:
ENDING DATE/TIME:
OCCURRENCE COUNT:
USE START DATE:
CONDITION:
CONDITION CASE SENSITIVE:
USE STATUS/COND IN SEARCH:

No statuses defined for this finding item

    Select one of the following:

        A   ADD STATUS
        D   DELETE A STATUS
        S   SAVE AND QUIT
        Q   QUIT WITHOUT SAVING CHANGES

Enter response: S// ==ADD STATUS==
1 - * (WildCard)
==2 - ACTIVE==
3 - CANCELLED
4 - COMPLETE
5 - DELAYED
6 - DISCONTINUED
7 - DISCONTINUED/EDIT
8 - EXPIRED
9 - FLAGGED
10 - HOLD
11 - LAPSED
12 - NO STATUS
13 - PARTIAL RESULTS
14 - PENDING
15 - RENEWED

16 - SCHEDULED
17 - UNRELEASED
Select a Order Status from or enter '^' to Quit: (1-17): <mark>2</mark>

Statuses already defined for this finding item:
ACTIVE

  Select one of the following:

       A   ADD STATUS
       D   DELETE A STATUS
       S   SAVE AND QUIT
       Q   QUIT WITHOUT SAVING CHANGES

   Enter response: <mark>SAVE AND QUIT</mark>

4. <u>Map the appropriate local orderable items identified in pre-installation to the reminder terms below.</u>

A. Map the new FULL CODE orderable item as a finding to the VA-LST FULL CODE ACTIVE ORDER term, if not already mapped. Ensure the status is set to ACTIVE.
(Local orderable item(s) for full code should also be mapped if applicable)

NAME: <mark>VA-LST FULL CODE ACTIVE ORDER</mark>

CLASS: NATIONAL//
SPONSOR:
REVIEW DATE:
DESCRIPTION:
 Edit? NO//

Choose from:

OI LST FULL CODE   Finding #   1

 Select Finding: <mark>OI.LST FULL CODE</mark> (Enter "OI." before the name of each orderable item when adding as a finding.) (If the LST FULL CODE orderable item is already mapped, then ensure the status is set to ACTIVE)

  Are you adding 'LST FULL CODE' as
    a new FINDINGS (the 3RD for this REMINDER TERM)? No// <mark>Yes</mark>
Editing Finding Number: 1
FINDING ITEM: LST DNR FULL CODE//
BEGINNING DATE/TIME:
ENDING DATE/TIME:

OCCURRENCE COUNT:
USE START DATE:
CONDITION:
CONDITION CASE SENSITIVE:
USE STATUS/COND IN SEARCH:

No statuses defined for this finding item

    Select one of the following:

        A   ADD STATUS
        D   DELETE A STATUS
        S   SAVE AND QUIT
        Q   QUIT WITHOUT SAVING CHANGES

Enter response: S// **ADD STATUS**
1 - * (WildCard)
2 - ACTIVE
3 - CANCELLED
4 - COMPLETE
5 - DELAYED
6 - DISCONTINUED
7 - DISCONTINUED/EDIT
8 - EXPIRED
9 - FLAGGED
10 - HOLD
11 - LAPSED
12 - NO STATUS
13 - PARTIAL RESULTS
14 - PENDING
15 - RENEWED
16 - SCHEDULED
17 - UNRELEASED
Select a Order Status from or enter '^' to Quit: (1-17): **2**

Statuses already defined for this finding item:
ACTIVE

    Select one of the following:

        A   ADD STATUS
        D   DELETE A STATUS
        S   SAVE AND QUIT
        Q   QUIT WITHOUT SAVING CHANGES

Enter response: **SAVE AND QUIT**

B. Confirm the LST DNR – DO NOT RESUSCITATE orderable item is mapped to the VA-LST DNR ACTIVE ORDER reminder term. Ensure the status is set to ACTIVE. (If the orderable item identified in pre-installation does not match the national orderable item, then confirm the local one is mapped.)

NAME: ==VA-LST DNR ACTIVE ORDER==

CLASS: NATIONAL//
SPONSOR:
REVIEW DATE:
DESCRIPTION:
  Edit? NO//

Choose from:

OI LST DNR - DO NOT RESUSCITATE   Finding #   1

   Select Finding: ==OI. LST DNR - DO NOT RESUSCITATE== (Enter "OI." before the name of each orderable item when adding as a finding.)

   Are you adding LST DNR - DO NOT RESUSCITATE as
     a new FINDINGS (the 1ST for this REMINDER TERM)? No// ==Yes==
Editing Finding Number: 1
FINDING ITEM: LST DNR - DO NOT RESUSCITATE//
BEGINNING DATE/TIME:
ENDING DATE/TIME:
OCCURRENCE COUNT:
USE START DATE:
CONDITION:
CONDITION CASE SENSITIVE:
USE STATUS/COND IN SEARCH:

No statuses defined for this finding item

    Select one of the following:

         A   ADD STATUS
         D   DELETE A STATUS
         S   SAVE AND QUIT
         Q   QUIT WITHOUT SAVING CHANGES

   Enter response: S// ==ADD STATUS==
   1 - * (WildCard)
   ==2 - ACTIVE==
   3 - CANCELLED
   4 - COMPLETE
   5 - DELAYED
   6 - DISCONTINUED
   7 - DISCONTINUED/EDIT
   8 - EXPIRED

---

9 - FLAGGED
10 - HOLD
11 - LAPSED
12 - NO STATUS
13 - PARTIAL RESULTS
14 - PENDING
15 - RENEWED
16 - SCHEDULED
17 - UNRELEASED
Select a Order Status from or enter '^' to Quit: (1-17): **2**

Statuses already defined for this finding item:
ACTIVE

   Select one of the following:

        A   ADD STATUS
        D   DELETE A STATUS
        S   SAVE AND QUIT
        Q   QUIT WITHOUT SAVING CHANGES

   Enter response: **SAVE AND QUIT**

C. Confirm the LST DNR EXCEPT orderable item is mapped to the VA-LST DNR EXCEPT ACTIVE ORDERS reminder term. Ensure the status is set to ACTIVE. (If the orderable item identified in pre-installation does not match the national orderable item, then confirm the local one is mapped.)

NAME: **VA-LST DNR EXCEPT ACTIVE ORDERS**

CLASS: NATIONAL//
SPONSOR:
REVIEW DATE:
DESCRIPTION:
 Edit? NO//

Choose from:

OI LST DNR EXCEPT   Finding #   1

   Select Finding: **LST DNR EXCEPT** (Enter "OI." before the name of each orderable item when adding as a finding.)

   Are you adding LST DNR EXCEPT as
     a new FINDINGS (the 1ST for this REMINDER TERM)? No// **Yes**
Editing Finding Number: 1
FINDING ITEM: LST DNR EXCEPT//
BEGINNING DATE/TIME:

ENDING DATE/TIME:
OCCURRENCE COUNT:
USE START DATE:
CONDITION:
CONDITION CASE SENSITIVE:
USE STATUS/COND IN SEARCH:

No statuses defined for this finding item

     Select one of the following:

          A   ADD STATUS
          D   DELETE A STATUS
          S   SAVE AND QUIT
          Q   QUIT WITHOUT SAVING CHANGES

Enter response: S// ADD STATUS
1 - * (WildCard)
2 - ACTIVE
3 - CANCELLED
4 - COMPLETE
5 - DELAYED
6 - DISCONTINUED
7 - DISCONTINUED/EDIT
8 - EXPIRED
9 - FLAGGED
10 - HOLD
11 - LAPSED
12 - NO STATUS
13 - PARTIAL RESULTS
14 - PENDING
15 - RENEWED
16 - SCHEDULED
17 - UNRELEASED
Select a Order Status from or enter '^' to Quit: (1-17): 2

Statuses already defined for this finding item:
ACTIVE

     Select one of the following:

          A   ADD STATUS
          D   DELETE A STATUS
          S   SAVE AND QUIT
          Q   QUIT WITHOUT SAVING CHANGES

Enter response: SAVE AND QUIT

5. Map the appropriate orderable items to the VA-LIFE SUSTAINING TREATMENT ACTIVE ORDERS reminder order check item group

A. Navigate to the Reminder Order Check menu and edit the VA- LIFE SUSTAINING TREATMENT ACTIVE ORDERS reminder order check item group.

```
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: ==ROC Reminder Order Check Menu==

```
GE    Add/Edit Reminder Order Check Items Group
GI    Reminder Order Check Items Inquiry
RE    Add/Edit Reminder Order Check Rule
RI    Reminder Order Check Rule Inquiry
TEST  Reminder Order Check Test
```

Select Reminder Order Check Menu <TEST ACCOUNT> Option: ==GE Add/Edit Reminder Order Check Items Group==

Select Reminder Order Check Items Group by one of the following:

```
N:  ORDER CHECK ITEMS GROUP NAME
C:  VA DRUG CLASS
D:  DRUG
G:  VA GENERIC
```

I: IMAGING TYPE
        O: ORDERABLE ITEM
        P: VA Product
        R: ORDER CHECK RULE
        Q: QUIT

Select Reminder Order Check Items Group by: (N/C/D/G/I/O/P/R/Q): <mark>N</mark>

Reminder Order Check Item Group: <mark>VA-LIFE SUSTAINING TREATMENT ACTIVE</mark> ORDERS

R, Order Check Item List ,,,T
. **LST DNR - DO NOT RESUSCITATE**   .
. **LST DNR EXCEPT**   .
. **LST FULL CODE**   .
.   .

Three orderable items should already be mapped. They may not match the ones displayed here if the local orderable items don't follow the national standard naming convention.

Confirm all orderable items used in Full Code, DNR Except, and DNR orders are mapped. Map any missing orderable items. Save and Exit.

6.   Activate the reminder order check.

Coordinate with local leadership before activating the reminder order check in the production account.

> ### A. Navigate to the Reminder Order Check menu and edit the VA- LIFE SUSTAINING TREATMENT ACTIVE ORDER reminder order check rule.

Select Reminder Managers Menu <TEST ACCOUNT> Option: <mark>ROC Reminder Order Check M enu</mark>

  GE   Add/Edit Reminder Order Check Items Group
  GI   Reminder Order Check Items Inquiry
  RE   Add/Edit Reminder Order Check Rule
  RI   Reminder Order Check Rule Inquiry
 TEST   Reminder Order Check Test

Select Reminder Order Check Menu <TEST ACCOUNT> Option: <mark>RE Add/Edit Reminder Or der Check Rule</mark>

Select Reminder Order Check Rule by one of the following:

  N: ORDER CHECK RULE NAME

R: REMINDER DEFINITION
T: REMINDER TERM
Q: QUIT

Select Reminder Order Check Rule by: (N/R/T/Q): **N**
Select Reminder Order Check Rule: **VA-LIFE SUSTAINING TREATMENT ACTIVE ORDER**

RULE NAME: VA-LIFE SUSTAINING TREATMENT ACTIVE ORDER
DISPLAY NAME: Stop! Existing Life Sustaining Treatment order is active!
STATUS: **PROD**
SEVERITY: MEDIUM

CLASS: **NATIONAL**
SPONSOR: **NATIONAL CENTER FOR ETHICS IN HEALTH CARE**
REVIEW DATE:
_____
I=INACTIVE, P=PRODUCTION, T=TESTING

Save and Exit

7. Replace the covid reminder with the VA-LIFE SUSTAINING TREATMENT STATUS reminder in the OR OTHER INFO REMINDER parameter.

Completing this step will activate the reminder in the CPRS banner. Coordinate with local leadership before completing this step.

A. Navigate to the General Parameter Tools and edit the OR OTHER INFO REMINDER parameter.

XPAR MENU TOOLS   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
  EK   Edit Parameter Definition Keyword

Select General Parameter Tools <TEST ACCOUNT> Option: **EP**

                --- Edit Parameter Values ---

Select PARAMETER DEFINITION NAME: <mark>OR OTHER INFO REMINDER</mark>

OR OTHER INFO REMINDER may be set for the following:
   6   System   SYS   [NATREM.FO-SLC.MED.VA.GOV]
   7   Package   PKG   [ORDER ENTRY/RESULTS REPORTING]

<mark>**Select the level the covid reminder is set locally. Both levels MUST be reviewed and edited if necessary. Contact appropriate OIT staff to complete this step if both levels do not display.**</mark>

Enter selection: <mark>**7 Package**</mark>   ORDER ENTRY/RESULTS REPORTING

Parameters set for 'Package' may be replaced if ORDER ENTRY/RESULTS REPORTING
is installed in this account.

- Setting OR OTHER INFO REMINDER for Package: ORDER ENTRY/RESULTS REPORTING -
Value: <mark>**VA-LIFE SUSTAINING TREATMENT STATUS**</mark>

8. (OPTIONAL INFORMATION) The banner color can be yellow or gray. The following parameter controls the color.

The banner color should not be changed unless coordinated with local leadership.

Select PARAMETER DEFINITION NAME: <mark>**OR OTHER INFO USE COLOR**</mark>
Show colors in other information panel.

OR OTHER INFO USE COLOR may be set for the following:

   1   User   USR   [choose from NEW PERSON]
   6   System   SYS   [NATREM.FO-SLC.MED.VA.GOV]
   7   Package   PKG   [ORDER ENTRY/RESULTS REPORTING]

Enter selection: 7 Package   ORDER ENTRY/RESULTS REPORTING

Parameters set for 'Package' may be replaced if ORDER ENTRY/RESULTS REPORTING
is installed in this account.

 Setting OR OTHER INFO USE COLOR for Package: ORDER ENTRY/RESULTS REPORTING
Value: YES//

A value of YES displays a yellow banner. A blank value field or NO will display a gray banner.

NOTE: *If there are any questions or problems during the installation, please notify your local IT support to log a national help desk ticket or contact the VA Service Desk and have them submit a national ticket to: Category: <u>Affected Service</u>*

Affected Service: VistA - Clinical Reminders

Addendum A

Identifying an orderable item mapped to a generic order dialog

Below are two methods for identifying the orderable item mapped to a generic order dialog. Option 1 uses the Enter/edit generic orders menu. Option 2 uses FileMan Inquire into the ORDER DIALOG file.

> 1. <u>Using the Enter/edit generic orders menu.</u> Navigate to the ORDER MENU MANAGEMENT menu in VistA.

```
 OI    Manage orderable items ...
 PM     Enter/edit prompts
 GO     Enter/edit generic orders
 QO     Enter/edit quick orders
 QU     Edit personal quick orders by user
 ST    Enter/edit order sets
 AC    Enter/edit actions
 MN     Enter/edit order menus
 AO     Assign Primary Order Menu
 CP    Convert protocols
 SR    Search/replace components
 LM     List Primary Order Menus
 DS     Disable/Enable order dialogs
 AP     Update AP Order Dialogs
 RPTS   Quick Order report/conversion utilities ...
```

Select Order Menu Management <TEST ACCOUNT> Option: **GO** Enter/edit generic order

Select ORDER DIALOG NAME: **OR LST DNR** Enter name of generic order

NAME: OR LST DNR//
DISPLAY TEXT: DNR: Do not attempt CPR Replace
SIGNATURE REQUIRED: ORES//
VERIFY ORDER: NO//
ASK FOR ANOTHER ORDER: NO//
DESCRIPTION:
This order supports implementation of VHA Handbook 1004.03, as managed by
the National Center for Ethics in Health Care policy on Life Sustaining
Treatments.

  Edit? NO//
ENTRY ACTION:
EXIT ACTION:
VALIDATION:
ADDITIONAL TEXT:
DISPLAY GROUP: LIFE SUSTAINING TREATMENT//
Select PROMPT: **?** Enter ? to view prompts
   Answer with ITEMS, or SEQUENCE
   Choose from:

1   OR GTX ORDERABLE ITEM
        2   OR GTX WORD PROCESSING 1
        3   OR GTX START DATE/TIME

        You may enter a new ITEMS, if you wish
        Type a Number between .1 and 999.9, 1 Decimal Digit

Select PROMPT: **1**   OR GTX ORDERABLE ITEM   Enter sequence number for the OR GTX
                                                        ORDERABLE ITEM prompt.

SEQUENCE: 1//
PROMPT: OR GTX ORDERABLE ITEM//   pointer to a file
INDEX: S.LSTP//
SCREEN:
SPECIAL LOOKUP ROUTINE:
DISPLAY TEXT: Order: //
REQUIRED: YES//
MULTIPLE VALUED: NO//
ASK ON EDIT ONLY: NO//
ASK ON ACTION: RCW//
HELP MESSAGE:
XECUTABLE HELP:
ASK ON CONDITION: I 0 ;uneditable//
INPUT TRANSFORM:
DEFAULT: **LST DNR - DO NOT RESUSCITATE**   The item listed in the DEFAULT field is the
                                             orderable item mapped to this order dialog. If text like "S Y=2465" is
                                             listed, then use the FileMan option. The number is the IEN of the
                                             mapped orderable item.

            2.   Using FileMan. Navigate to the FILEMAN MANAGER menu in VistA.

        Enter or Edit File Entries
        Print File Entries
        Search File Entries
        Modify File Attributes
        Inquire to File Entries
        Utility Functions ...
        Data Dictionary Utilities ...
        Transfer Entries
        Other Options ...

 Select VA FileMan <TEST ACCOUNT> Option: **inquire to File Entries**

 Output from what File: **ORDER DIALOG**

 Select ORDER DIALOG NAME: **OR LST DNR** Enter order dialog name
 Another one:
 Standard Captioned Output? **Yes**
 Include COMPUTED fields: (N/Y/R/B): NO// **BOTH** Computed Fields and Record Number
  (IEN)

NUMBER: 15905   NAME: OR LST DNR
  DISPLAY TEXT: DNR: Do not attempt CPR
  TYPE: dialog   DISPLAY GROUP: LIFE SUSTAINING TREATMENT
  SIGNATURE REQUIRED: ORES   PACKAGE: ORDER ENTRY/RESULTS REPORTING
  VERIFY ORDER: NO   ASK FOR ANOTHER ORDER: NO
 DESCRIPTION: This order supports implementation of VHA Handbook 1004.03, as
 managed by the National Center for Ethics in Health Care policy on Life
 Sustaining Treatments.
 SEQUENCE: 1   ITEM: OR GTX ORDERABLE ITEM
  DISPLAY TEXT: Order: REQUIRED: YES
  MULTIPLE VALUED: NO   ASK ON EDIT ONLY: NO
  ASK ON ACTION: RCW   INDEX: S.LSTP
  ASK ON CONDITION: I 0 ;uneditable   DEFAULT: <mark>LST DNR - DO NOT RESUSCITATE</mark>
 SEQUENCE: 2   ITEM: OR GTX WORD PROCESSING 1
  DISPLAY TEXT: LST ORDER: REQUIRED: YES
  ASK ON EDIT ONLY: NO   ORDER TEXT SEQUENCE: 1
  DEFAULT WORD-PROCESSING TEXT: DNR: Do not attempt CPR in the event of
  cardiopulmonary arrest
 SEQUENCE: 3   ITEM: OR GTX START DATE/TIME
  DISPLAY TEXT: START DATE/TIME: REQUIRED: YES
  MULTIPLE VALUED: NO   ASK ON EDIT ONLY: YES
  ASK ON ACTION: RCW