Update_2_0_266

Clinical Reminders

VA-OEND REMINDER UPDATE

Install Guide

June 2022

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

Expanding the current clinical reminder and Clinical Reminder Order Check (CROC) is critical as the majority of overdose deaths are opioid-related, including stimulant overdose deaths given the high rates of polysubstance use and rise in illicit stimulants containing deadly amounts of fentanyl and carfentanil. With regards to opioid-related stimulant deaths, in 2019, 76% of overdose deaths involving cocaine also involved an opioid and 54% of overdose deaths involving psychostimulants also involved an opioid (NCHS Data Brief, Number 406, April 2021 (cdc.gov)). Thus, the vast majority of stimulant-related overdose deaths involve opioids. It is for this reason that we are working to expand naloxone distribution to patients with stimulant use disorders.

We are also updating the print names for the reminder dialog and clinical reminder to more accurately reflect their content which includes BOTH overdose education and naloxone. This will allow for a wider array of staff to utilize these products.

This update includes
1. An update to the clinical reminder VA-NALOXONE OFFER PRESCRIPTION to include patients with a history of stimulant use disorder in addition to patients with opioid use disorder that do not have current Naloxone in the cohort logic and reminder dialog description:

    a. Expand cohort logic to INCLUDE patients with stimulant use disorder (F14.1x, F14.2x, F14.9x, F15.1x, F15.2x, and F15.9x)
    b. Update the print name, change from "Offer Naloxone Prescription" to "Offer Overdose Education and Naloxone".
    c. Modify reminder dialog to remove the word "prescription".
    d. Modify reminder dialog to display the following info (changes are highlighted):
    This reminder will come due for any patient that has had:
    one or more outpatient Opioid Use Disorder (OUD) OR Stimulant Use Disorder encounter diagnoses in the past two years
    　　—OR—
    one or more inpatient OUD OR Stimulant Use Disorder diagnoses in the past year
    　　—AND—1
    No naloxone ordered in the past 335 days

    This reminder supports standardized Opioid Overdose Education and Naloxone Distribution (OEND). Because OUD and Stimulant Use Disorder diagnoses are strong risk factors for overdose, OEND is recommended. Specifically, the majority of overdose deaths are opioid-related, including stimulant overdose deaths given high rates of polysubstance use and rise in illicit stimulants containing deadly amounts of fentanyl or carfentanil. OEND should include critical education on opioid overdose prevention, recognition, and response.

Reminder Resolution: Offer Overdose Education and Naloxone   ✕

```
Overdose Education and Naloxone Version 2.2

This reminder will come due for any patient that has had:
one or more outpatient Opioid Use Disorder (OUD) OR Stimulant Use Disorder encounter diagnoses in the past two
 years
   -OR-
one or more inpatient OUD OR Stimulant Use Disorder diagnoses in the past year
   -AND-
No naloxone ordered in the past 335 days

This reminder supports standardized Opioid Overdose Education and Naloxone Distribution (OEND). Because OUD
 and Stimulant Use Disorder are strong risk factors for overdose, OEND is recommended. Specifically, the
 majority of overdose deaths are opioid-related, including stimulant overdose deaths given high rates of
 polysubstance use and rise in illicit stimulants containing deadly amounts of fentanyl or carfentanil.
OEND should include critical education on opioid overdose prevention, recognition, and response.

EDUCATION*
     ☐ Education could not be provided (e.g., outside scope of practice, patient/caregiver not present)

     ☐ Education provided

NALOXONE
     ◉ Order naloxone

     ☐ Provider notified of request for naloxone

     ☐ Has current naloxone (i.e., not used and not expired)

     ☐ Patient declined naloxone

     ☐ Other:
```

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

```
 Offer Overdose Education and Naloxone:

   Naloxone
     An order for naloxone was placed.
```

Health Factors: **VA-NALOXONE RX ORDERED**

* Indicates a Required Field

2. The stand-alone template reminder dialog was updated to remove the word "prescription"

```
Overdose Education and Naloxone Version 2.1
This national note is meant to support standardized Opioid Overdose Education and Naloxone Distribution
 (OEND). OEND should include critical education on opioid overdose prevention, recognition, and response.
 OEND also offers an opportunity to identify if the patient used a previous naloxone prescription and/or had an
 overdose event. If so, it should be documented in a national note template to improve post-overdose care
 (e.g., Suicide Behavior and Overdose Report).


Most Recent Naloxone Prescription

Information:
No prior Naloxone prescription was found.
Patient has an indication for OEND due to following:
   □ Opioid prescription
   □ Recent opioid discontinuation
   □ Opioid use disorder/opioid dependence (current or past)
   □ Stimulant use disorder (current or past; e.g., cocaine, methamphetamine)
   □ Other substance use disorder
   □ Other:


EDUCATION*
   ○ Education could not be provided (e.g., outside scope of practice, patient/caregiver not present)
   ○ Education provided


NALOXONE
   ○ Order naloxone
   ○ Provider notified of request for naloxone
   ○ Has current naloxone (i.e., not used and not expired)
   ○ Patient declined naloxone
   ○ Other:
```

3. The reminder order check rule VA-NALOXONE FOR OPIOID USE DISORDER was also updated to include patients in the cohort that have a diagnosis of stimulant use disorder within the past year. The text was updated to reflect the updated reminder definition and note name.

```
(3 of 3)  NALOXONE RECOMMENDED FOR OPIOID USE DISORDER OR STIMULANT USE DISORDER
          ********************************
    ACTION: Strongly consider prescribing naloxone

    Use the OVERDOSE EDUCATION AND NALOXONE progress note -OR- the OFFER OVERDOSE
    EDUCATION AND NALOXONE reminder (Check Due/Applicable Sections) to document
    overdose education and to order naloxone

    RATIONALE: Patient being prescribed an opioid, has a history of OUD or
    Stimulant Use Disorder -AND- no naloxone ordered in the previous 335 days.
```

[Accept Order]   [Cancel Order]   [Drug Interaction Monograph]

4. The reminder order check rule MEDICATION FOR OPIOID USE DISORDER
   was updated to reflect the new reminder definition and note name.

```
Order Checking

(1 of 1)  MEDICATION FOR OPIOID USE DISORDER
          *********************************
          ACTION: Strongly consider prescribing naloxone

          Use the OVERDOSE EDUCATION AND NALOXONE progress note -OR- the OFFER OVERDOSE
          EDUCATION AND NALOXONE reminder (Check Due/Applicable Sections) to document
          overdose education and to order naloxone

          RATIONALE: Patient being prescribed a med for OUD -AND- no naloxone ordered in
          the previous 335 days.



                    Accept Order      Cancel Order      Drug Interaction Monograph
```

UPDATE_2_0_266 contains 1 Reminder Exchange entry:
        UPDATE_2_0_266 VA-OEND REMINDER UPDATE

The exchange file contains the following components:

TIU TEMPLATE FIELD
        VA-OPIOID NALOXONE AUTO
        VA-OPIOID NALOXONE NASAL
        VA-OPIOID INTRO TO NALOXONE DISORDER
        VA-OPIOID INTRO TO NALOXONE PRESCRIBE
        VA-NALOXONE PATIENT GUIDE
        VA-OSP OEND SHAREPOINT

HEALTH FACTORS
        VA-REMINDER UPDATES [C]
        VA-UPDATE_2_0_266
        VA-NALOXONE [C]
        VA-NALOXONE RX FOR STIMULANT USE DISORDER
        VA-NALOXONE RX FOR OTHER REASON
        VA-NALOXONE RX FOR OTHER SUD
        VA-NALOXONE RX FOR OUD
        VA-NALOXONE RX FOR OPIOID DISCONT
        VA-NALOXONE RX FOR OPIOID RX
        VA-NALOXONE ED-TEACH BACK
        VA-NALOXONE RESOURCES-OTHER
        VA-NALOXONE VIDEO-AUTO-INJECTOR
        VA-NALOXONE VIDEO-SPRAY
        VA-NALOXONE VIDEO-OUD
        VA-NALOXONE VIDEO-RX OPIOIDS
        VA-NALOXONE ED TO CAREGIVER OR OTHER

VA-NALOXONE ED TO PATIENT
VA-NALOXONE RX OTHER
VA-HAS NALOXONE RX
VA-PATIENT DECLINED NALOXONE
VA-NALOXONE RX REQUEST PROVIDER NOTIFIED
VA-NALOXONE RX ORDERED

REMINDER SPONSOR
MENTAL HEALTH SERVICES
OFFICE OF MENTAL HEALTH SERVICES

REMINDER TAXONOMY
VA-OUD ALL SOURCES
VA-STIMULANT USE DISORDER ALL SOURCES
VA-STIMULANT USE DISORDER IP
VA-OUD DIAGNOSIS IP
VA-OUD DIAGNOSIS OP
VA-STIMULANT USE DISORDER OP

REMINDER TERM
VA-NALOXONE PRESCRIPTION ON FILE
VA-OUD STIMULANT USE DISORDER REMINDER TERM
VA-REMINDER UPDATE_2_0_266
VA-NALOXONE DECLINED
VA-NALOXONE PROVIDER NOTIFIED
VA-NALOXONE OUD DIAGNOSIS INPATIENT
VA-NALOXONE NOT NEEDED
VA-NALOXONE ORDER
VA-NALOXONE OUD DIAGNOSIS OUTPATIENT

REMINDER DEFINITION
VA-NALOXONE ORDER CHECK
VA-NALOXONE OBJECT
VA-NALOXONE OFFER PRESCRIPTION

HEALTH SUMMARY TYPE
VA-NALOXONE

HEALTH SUMMARY OBJECTS
VA-NALOXONE (TIU)

TIU DOCUMENT DEFINITION
VA-NALOXONE

REMINDER ORDER CHECK RULES
VA-MEDICATION FOR OPIOID USE DISORDE
VA-NALOXONE FOR OPIOID USE DISORDER

REMINDER DIALOG
      VA-NALOXONE PRESCRIBING
      VA-NALOXONE OFFER PRESCRIPTION

Pre-Install

1. Check your Reminder Exchange Install History (IH) and ensure you have installed the previously released **UPDATE_2_0_222 VA-OEND REMINDER**

2. **Find Naloxone order currently in use.**
   - Using the Vista Menu, Reminder Dialog Manager, DI- Reminder Dialog, change view to group view and Inq/Print the reminder dialog group VAL-NALOXONE REQUEST. You will need to identify the local order or menu used as a finding item and add this order back post install.

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_266.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 10 minutes.
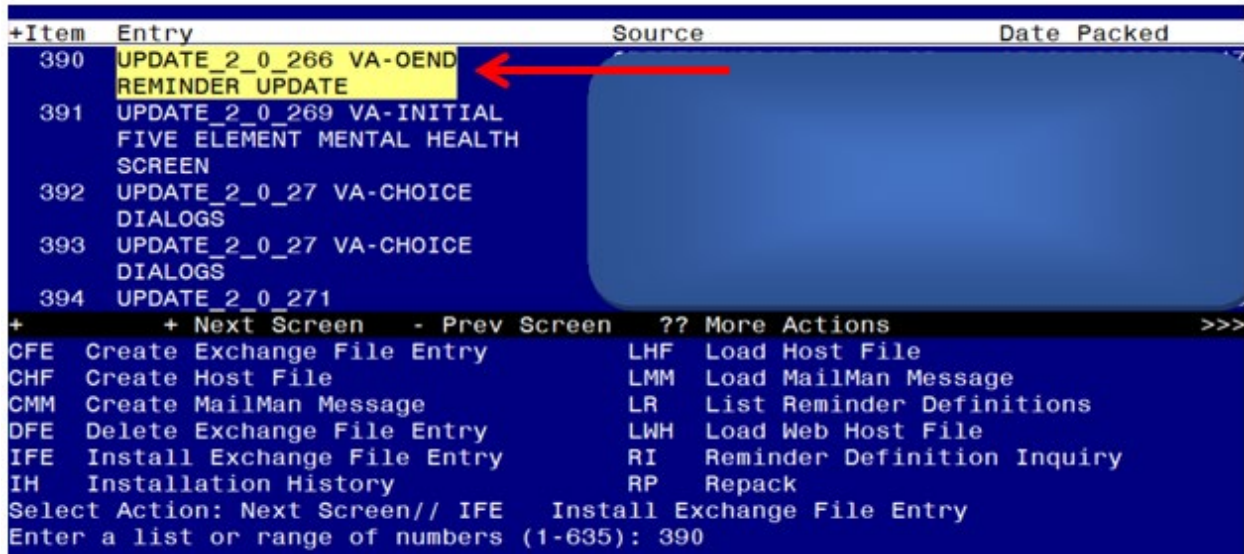
Install Example

To Load the exchange file, use LWH. The URL is https://REDACTED /UPDATE_2_0_266.PRD

You should see a message that the file was loaded successfully.

Search and locate an entry titled UPDATE_2_0_266 VA-OEND REMINDER UPDATE in reminder exchange.

```
+Item  Entry                              Source                    Date Packed
  390  UPDATE_2_0_266 VA-OEND      ←
       REMINDER UPDATE
  391  UPDATE_2_0_269 VA-INITIAL
       FIVE ELEMENT MENTAL HEALTH
       SCREEN
  392  UPDATE_2_0_27 VA-CHOICE
       DIALOGS
  393  UPDATE_2_0_27 VA-CHOICE
       DIALOGS
  394  UPDATE_2_0_271
+         + 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 (1-635): 390
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry titled UPDATE_2_0_266 VA-OEND REMINDER UPDATE *(in this example it is entry 390, it will vary by site)* that is dated 06/08/2022.

```
       Component                                    Category      Exists
Source:
Date Packed:
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK RULES
  VA-NALOXONE FOR OPIOID USE DISORDER
  VA-MEDICATION FOR OPIOID USE DISORDER

REMINDER DIALOG
  VA-NALOXONE PRESCRIBING

REMINDER TERM
  VA-REMINDER UPDATE_2_0_266

+          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.

For all new entries in any category you will choose I to Install

You will overwrite the following items, if you are prompted to overwrite any other items, choose skip.

REMINDER TERMS:
> VA-NALOXONE OUD DIAGNOSIS INPATIENT
> VA-NALOXONE OUD DIAGNOSIS OUTPATIENT

REMINDER DEFINITIONS:
> VA-NALOXONE ORDER CHECK
> VA-NALOXONE OFFER PRESCRIPTION

REMINDER ORDER CHECK RULES:
> VA-MEDICATION FOR OPIOID USE DISORDER
> VA-NALOXONE FOR OPIOID USE DISORDER

You will then be prompted to install the first reminder dialog component. You will choose IA to install all even though some items will already have an X to indicate they exist.

```
Packed reminder dialog: VA-NALOXONE PRESCRIBING [NATIONAL DIALOG]

 Item   Seq. Dialog Findings                                  Type     Exists
   1       VA-NALOXONE PRESCRIBING                           dialog      X

   2    10 VA-NALOXONE PRESCRIBING VERSION                   element     X
          Finding: *NONE*

   3    15 VA-GP NALOXONE PRESCRIPTION INDICATION             group      X
          Finding: *NONE*
   4    15.5 VA-NALOXONE PRESCRIPTION IND OPIOIOD RX         element     X
          Finding: VA-NALOXONE RX FOR OPIOID RX (HEALTH FACTOR)          X
   5    15.10 VA-NALOXONE PRESCRIPTION IND OPIOIOD DC        element     X
          Finding: VA-NALOXONE RX FOR OPIOID DISCONT (HEALTH FACTOR)     X
   6    PXRM COMMENT                                         prompt      X
   7    15.15 VA-NALOXONE PRESCRIPTION IND OUD               element     X
          Finding: VA-NALOXONE RX FOR OUD (HEALTH FACTOR)                X
   8    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: Next Screen// IA
```

At the **Select Action** prompt, type **IA** to install the dialog – **VA-NALOXONE PRESCRIBING**

Install reminder dialog and all components with no further changes: Y// ES....

```
Packed reminder dialog: VA-NALOXONE PRESCRIBING [NATIONAL DIALOG]
VA-NALOXONE PRESCRIBING (reminder dialog) installed from exchange file.
 Item   Seq. Dialog Findings                                  Type     Exists
   1       VA-NALOXONE PRESCRIBING                           dialog      X

   2    10 VA-NALOXONE PRESCRIBING VERSION                   element     X
          Finding: *NONE*

   3    15 VA-GP NALOXONE PRESCRIPTION INDICATION             group      X
          Finding: *NONE*
   4    15.5 VA-NALOXONE PRESCRIPTION IND OPIOIOD RX         element     X
          Finding: VA-NALOXONE RX FOR OPIOID RX (HEALTH FACTOR)          X
   5    15.10 VA-NALOXONE PRESCRIPTION IND OPIOIOD DC        element     X
          Finding: VA-NALOXONE RX FOR OPIOID DISCONT (HEALTH FACTOR)     X
   6    PXRM COMMENT                                         prompt      X
   7    15.15 VA-NALOXONE PRESCRIPTION IND OUD               element     X
          Finding: VA-NALOXONE RX FOR OUD (HEALTH FACTOR)                X
   8    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: Next Screen// Q
```

When the dialog has completed installation, you will then be returned to this screen. At the **Select Action** prompt, type **Q.**

You will then be prompted to install the next reminder dialog component. You will choose IA to install all even though some items will already have an X to indicate they exist.

```
Packed reminder dialog: VA-NALOXONE OFFER PRESCRIPTION [NATIONAL DIALOG]

 Item  Seq. Dialog Findings                                    Type    Exists
   1     VA-NALOXONE OFFER PRESCRIPTION                        dialog     X

   2    10 VA-NALOXONE OFFER PRESCRIPTION VERSION              element    X
            Finding: *NONE*

   3    20 VA-GP OFFER NALOXONE ED MAIN                        group      X
            Finding: *NONE*
   4    20.5 VA-OFFER NALOXONE ED UNABLE TO COMPLETE           element    X
            Finding: *NONE*
   5    PXRM COMMENT                                           prompt     X
   6    20.10 VA-GP OFFER NALOXONE ED COMPLETED                group      X
            Finding: *NONE*
   7    20.10.5 VA-GP OFFER NALOXONE ED                        group      X
            Finding: *NONE*
   8    20.10.5.5 VA-OVERDOSE EDUCATION PROVIDED TO PATIENT    element    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: Next Screen// IA
```

At the **Select Action** prompt, type **IA** to install the dialog – **VA-NALOXONE OFFER PRESCRIPTION**

Install reminder dialog and all components with no further changes: Y// ES....

```
Packed reminder dialog: VA-NALOXONE OFFER PRESCRIPTION [NATIONAL DIALOG]
VA-NALOXONE OFFER PRESCRIPTION (reminder dialog) installed from exchange file.
 Item  Seq. Dialog Findings                                    Type    Exists
   1     VA-NALOXONE OFFER PRESCRIPTION                        dialog     X

   2    10 VA-NALOXONE OFFER PRESCRIPTION VERSION              element    X
            Finding: *NONE*

   3    20 VA-GP OFFER NALOXONE ED MAIN                        group      X
            Finding: *NONE*
   4    20.5 VA-OFFER NALOXONE ED UNABLE TO COMPLETE           element    X
            Finding: *NONE*
   5    PXRM COMMENT                                           prompt     X
   6    20.10 VA-GP OFFER NALOXONE ED COMPLETED                group      X
            Finding: *NONE*
   7    20.10.5 VA-GP OFFER NALOXONE ED                        group      X
            Finding: *NONE*
   8    20.10.5.5 VA-OVERDOSE EDUCATION PROVIDED TO PATIENT    element    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: Next Screen// Q
```

When the dialog has completed installation, you will then be returned to this screen. At the **Select Action** prompt, type **Q.**

```
     Component                                          Category    Exists
Source:
Date Packed:
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK RULES
  VA-NALOXONE FOR OPIOID USE DISORDER
  VA-MEDICATION FOR OPIOID USE DISORDER

REMINDER DIALOG
  VA-NALOXONE PRESCRIBING

REMINDER TERM
  VA-REMINDER UPDATE_2_0_266

+          + 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 **<u>Select Action</u>** prompt, type **<u>Q.</u>**

Install complete.

Post Installation

1. Using your document definition manager, you will need to inactivate and CHANGE
    the note title <u>Naloxone Prescribing</u> to <u>Overdose Education and Naloxone</u>, you will
    then need to also change the print name and activate the note title after changing.

    The intent and content of this note is unchanged except for the title, the program
    office understands that this will change the note title historically and would like that
    change to be made so that the note is able to be used by a wide range of disciplines.

    Note: *Comprehensive information on Creating new Document Classes and*
    Titles can be found beginning on page 54 of the TIU/ASU Implementation Guide
    at the following link: http://www.va.gov/vdl/documents/Clinical/CPRS-
    Text_Integration_Utility_(TIU)/tiuim.pdf

2. **Add naloxone order identified in pre-install to reminder dialog.** Using the Vista
    Menu, Reminder Dialog Manager, DI- Reminder Dialog, change view to GROUP view
    edit the reminder dialog group VAL-NALOXONE REQUEST, add the quick order
    identified in the pre-install as a finding item.

3. **Activate the Reminder Order Check Rules (optional)**
    The installation of CLINICAL REMINDER UPDATE_2_0_266 will require the
    STATUS of the Reminder Order Check Rules, VA-NALOXONE FOR OPIOID
    USE DISORDER and VA-MEDICATION FOR OPIOID USE DISORDER to
    be changed to PROD. Shown below are the steps to make this change

which should be done for both rules if your site uses the national version of these order checks.

The option represented here is **Add/Edit Reminder Order Check Rule [PXRM ORDER CHECK RULE EDIT].**

Select <u>Reminder Order Check Menu</u> Option: <mark>RE</mark> Add/Edit Reminder Order Check Rule
Select Reminder Order Check Rule by: (N/R/T/Q): N// <mark>N</mark> ORDER CHECK RULE NAME
 Select Reminder Order Check Rule: VA-NALOXONE FOR OPIOID USE DISORDER
RULE NAME: VA-NALOXONE FOR OPIOID USE DISORDER
DISPLAY NAME: **NALOXONE RECOMMENDED FOR OPIOID USE DISORDER OR STIMULANT USE DISORDER**
<u>STATUS</u>: <mark>PROD</mark>
      ^ *change to PROD to activate Production Mode*

<u>CLASS</u>: **NATIONAL**
SPONSOR:
REVIEW DATE:

_____
I=INACTIVE, P=PRODUCTION, T=TESTING
Save and Exit

Repeat for the Reminder Order Check Rule VA-MEDICATION FOR OPIOID USE DISORDER

4. Test reminder order check (optional)

If you would like to test the reminder order check, here is a way you can test after you have updated to production status.

On a TEST patient that does not have a naloxone prescription
1. Add a diagnosis of F14.10 to an encounter within the past year
2. Using the Non VA Meds Order option, attempt to document a NON VA Morphine Tab, SA prescription
   a. Choose a dosage, schedule and explanation
   b. Choose Accept Order

3. You should see the ORDER check, NALOXONE RECOMMENDED FOR OPIOID USE DISORDER OR STIMULANT USE DISORDER.

4. Choose Cancel order

5. Testing is complete after you have confirmed the order check will appear as indicated.