



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 carfentanyl. 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.

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-LOUD ALL SOURCES
VA-STIMULANT USE DISORDER ALL SOURCES
VA-STIMULANT USE DISORDER IP
VA-LOUD DIAGNOSIS IP
VA-LOUD DIAGNOSIS OP
VA-STIMULANT USE DISORDER OP

REMINDER TERM

VA-NALOXONE PRESCRIPTION ON FILE
VA-LOUD 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.

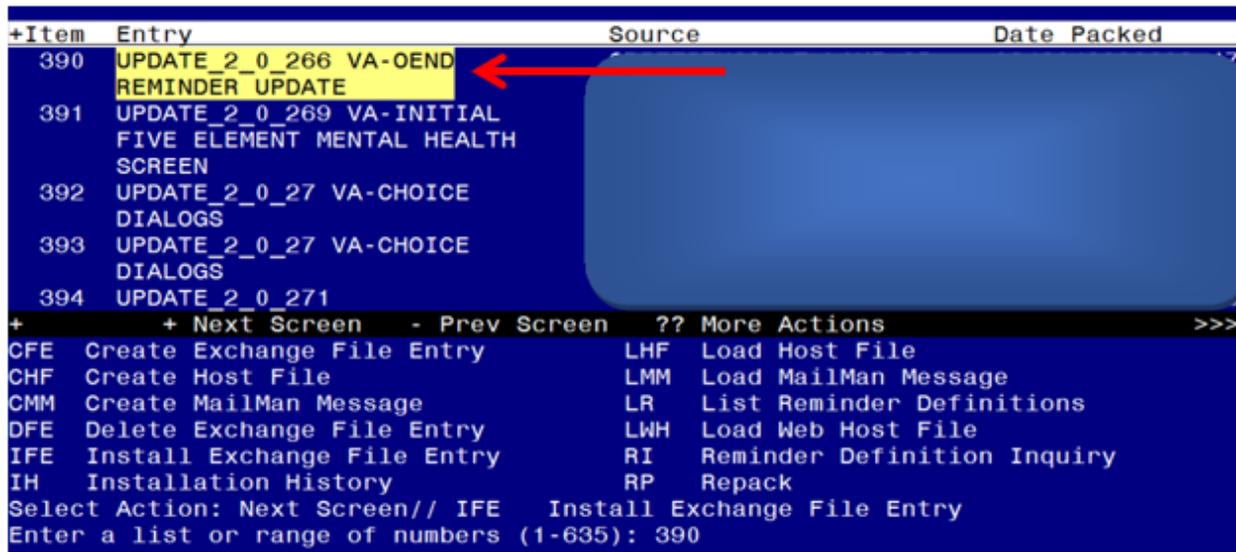
Install Example

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

```
+      + 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// LWH  Load Web Host File
Input the URL for the .prd file: https://[REDACTED]/UPDATE_2_0_266.PRD

You should see a message that the file was loaded successfully.
https://[REDACTED]/UPDATE_2_0_266.PRD successfully loaded.
```

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 Finding: *NONE*	element	X
3	15	VA-GP NALOXONE PRESCRIPTION INDICATION Finding: *NONE*	group	X
4	15.5	VA-NALOXONE PRESCRIPTION IND OPIOIOD RX Finding: VA-NALOXONE RX FOR OPIOIOD RX (HEALTH FACTOR)	element	X
5	15.10	VA-NALOXONE PRESCRIPTION IND OPIOIOD DC Finding: VA-NALOXONE RX FOR OPIOIOD DISCONT (HEALTH FACTOR)	element	X
6		PXRM COMMENT	prompt	X
7	15.15	VA-NALOXONE PRESCRIPTION IND OUD Finding: VA-NALOXONE RX FOR OUD (HEALTH FACTOR)	element	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 Finding: *NONE*	element	X
3	15	VA-GP NALOXONE PRESCRIPTION INDICATION Finding: *NONE*	group	X
4	15.5	VA-NALOXONE PRESCRIPTION IND OPIOIOD RX Finding: VA-NALOXONE RX FOR OPIOIOD RX (HEALTH FACTOR)	element	X
5	15.10	VA-NALOXONE PRESCRIPTION IND OPIOIOD DC Finding: VA-NALOXONE RX FOR OPIOIOD DISCONT (HEALTH FACTOR)	element	X
6		PXRM COMMENT	prompt	X
7	15.15	VA-NALOXONE PRESCRIPTION IND OUD Finding: VA-NALOXONE RX FOR OUD (HEALTH FACTOR)	element	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 Finding: *NONE*	element	X
3	20	VA-GP OFFER NALOXONE ED MAIN Finding: *NONE*	group	X
4	20.5	VA-OFFER NALOXONE ED UNABLE TO COMPLETE Finding: *NONE*	element	X
5		PXRM COMMENT	prompt	X
6	20.10	VA-GP OFFER NALOXONE ED COMPLETED Finding: *NONE*	group	X
7	20.10.5	VA-GP OFFER NALOXONE ED Finding: *NONE*	group	X
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 Finding: *NONE*	element	X
3	20	VA-GP OFFER NALOXONE ED MAIN Finding: *NONE*	group	X
4	20.5	VA-OFFER NALOXONE ED UNABLE TO COMPLETE Finding: *NONE*	element	X
5		PXRM COMMENT	prompt	X
6	20.10	VA-GP OFFER NALOXONE ED COMPLETED Finding: *NONE*	group	X
7	20.10.5	VA-GP OFFER NALOXONE ED Finding: *NONE*	group	X
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 **Select Action** prompt, type **Q**.

Install complete.

Post Installation

1. Using your document definition manager, you will need to inactivate and CHANGE the note title Naloxone Prescribing to Overdose Education and Naloxone, 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](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 [PXRMR ORDER CHECK RULE EDIT]**.

Select Reminder Order Check Menu Option: **RE** Add/Edit Reminder Order Check Rule

Select Reminder Order Check Rule by: (N/R/T/Q): N// **N** 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**

STATUS: **PROD**

^ change to PROD to activate Production Mode

CLASS: 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

Dosage	Route	Schedule
60MG	ORAL (BY MOUTH)	PRN
60MG	ORAL (BY MOUTH)	PRN
120MG	ORAL (BY MOUTH)	07-20 PRN 06 12X/DAY 2-3X/DAY 3xw 5 TIMES DAILY

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

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