



Update _2_0_349

Clinical Reminders

VA-ANGIOEDEMA ORDER CHECK

Install Guide

April 2023

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

The drug sacubitril/valsartan (Entresto), ACE inhibitors and ACE inhibitor combination drugs are contraindicated in patients with a history of angioedema (whether related to an ACEI/ARB or not, depending on the medication). This Clinical Reminder Order Check (CROC) will trigger when prescribing in patients with problem list or diagnosis code documentation of angioedema.

Who is(are) the representative user(s): Providers that would order this medication.

What is a scenario (context) of use with this order check:

If a patient has an existing problem list or encounter code of angioedema and the provider either orders sacubitril/valsartan, an ACE inhibitor or ACE inhibitor combination drug or documents sacubitril/valsartan, an ACE inhibitor or ACE inhibitor combination drug as a NON VA medication for this patient, the provider will get prompted with the order check and be required to enter a reason for override if they decide to continue to order the medication.

Example – the diagnosis will be pulled in for provider reference:

Order Checking

(1 of 1) ANGIOEDEMA WARNING
MEDICATIONS: sacubitril/valsartan, ACE inhibitors, ACE inhibitor combination products

-----Previous Angioedema Diagnosis-----

Information: Encounter Diagnosis: 02/10/2023@09:03:26 T78.3XXA (ICD-10-CM)
Angioneurotic Edema, Initial Encounter rank: SECONDARY Prov. Narr. -
Angioneurotic Edema, Initial Encounter

ACTION:
DO NOT PRESCRIBE: sacubitril/valsartan, ACE inhibitors, and ACE inhibitor combinations are contraindicated in patients with a history of angioedema

RATIONALE:
- Per the prescribing information,
> sacubitril/valsartan is contraindicated in patients with a known history of angioedema related to previous ACE inhibitor or ARB therapy
> ACE inhibitors, alone or in combination products, are contraindicated in patients with a history of angioedema related to previous ACE inhibitor therapy or with hereditary or idiopathic angioedema
- Guidelines recommend avoiding an ACE inhibitor or sacubitril/valsartan in patients with any history of angioedema

Perform Allergy Assessment Drug Interaction Monograph **Accept Order** Cancel Order

The list of medications that will trigger this order check are:

Item List:

DC.CV800 - this includes any medication in drug class CV800
DG.AMLODIPINE/BENAZEPRIL
DG.AMLODIPINE/PERINDOPRIL
DG.BENAZEPRIL/HYDROCHLOROTHIAZIDE
DG.CAPTOPRIL/HYDROCHLOROTHIAZIDE
DG.ENALAPRIL/HYDROCHLOROTHIAZIDE
DG.FOSINOPRIL/HYDROCHLOROTHIAZIDE
DG.HYDROCHLOROTHIAZIDE/LISINOPRIL
DG.HYDROCHLOROTHIAZIDE/MOEXIPRIL
DG.HYDROCHLOROTHIAZIDE/QUINAPRIL
DG.SACUBITRIL/VALSARTAN
DG.TRANDOLAPRIL/VERAPAMIL

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_349.PRD

The following reminder content is included in this UPDATE:

HEALTH FACTORS

VA-REMINDER UPDATES [C]
VA-UPDATE_2_0_349

REMINDER TAXONOMY

VA-ANGIOEDEMA

REMINDER TERM

VA-ANGIOEDEMA TAXONOMY
VA-REMINDER UPDATE_2_0_249

REMINDER DEFINITION

VA-ANGIOEDEMA OBJECT

HEALTH SUMMARY TYPE

VA-ANGIOEDEMA

HEALTH SUMMARY OBJECTS

VA-ANGIOEDEMA (TIU)

TIU DOCUMENT DEFINITION
VA-ANGIOEDEMA

REMINDER ORDER CHECK RULES
VA-ANGIOEDEMA WARNING ACE RULE

REMINDER ORDER CHECK ITEMS GROUP
VA-ANGIOEDEMA WARNING ACE GROUP

REMINDER DIALOG
VA-ANGIOEDEMA OBJECT

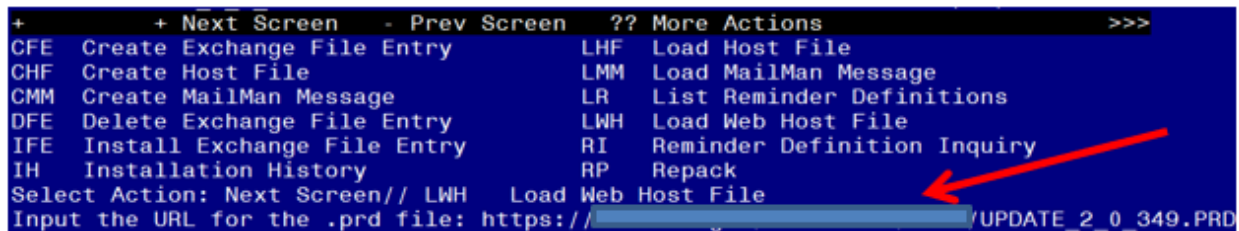
Installation:

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

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

Install Example

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



```
+      + 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_349.PRD
```

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_349.PRD

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

Navigate to the exchange entry named UPDATE_2_0_349 VA-ANGIOEDEMA ORDER CHECK

+Item	Entry	Source	Date Packed
510	UPDATE_2_0_349 VA-ANGIOEDEMA ORDER CHECK		
511	UPDATE_2_0_35 VA-BENEFICIARY TRAVEL UPDATES		
512	UPDATE_2_0_35 VA-BENEFICIARY TRAVEL UPDATES		
513	UPDATE_2_0_350 VA-TISSUE PRODUCTS TEMPLATE		
514	UPDATE_2_0_36 MISC UPDATE 5		
515	UPDATE_2_0_36 TELEHEALTH		

+ + 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 (1-743): 510

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
 Enter the number that corresponds with your entry **UPDATE_2_0_349 VA-ANGIOEDEMA ORDER CHECK** (in this example it is entry 510, it will vary by site, The exchange date should be 03/03/2023).

Package Version: 2.0P65

Description:
 The following Clinical Reminder items were selected for packing:
 REMINDER ORDER CHECK ITEMS GROUP
 VA-ANGIOEDEMA WARNING ACE GROUP

REMINDER DIALOG
 VA-ANGIOEDEMA OBJECT

REMINDER TERM
 VA-REMINDER UPDATE_2_0_349

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.
 Any items that are NEW in any categories, you should **INSTALL**
 If you are prompted to overwrite any findings, you should choose **SKIP**

** In your test account, when overwriting the reminder order check groups, some newer drugs (DG findings) may not exist, choose Delete if prompted to replace an entry**

You will be prompted to install the Dialog component, choose Q to Quit. **You do not need to install the dialog (it is included to make sure the data object is included in the exchange file only).**

```
Packed reminder dialog: VA-ANGIOEDEMA OBJECT

Item  Seq.  Dialog Findings                                     Type  Exists
-----
1      VA-ANGIOEDEMA OBJECT
      Finding: *NONE*

+ 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
```

At the **Select Action** prompt, type **Q**.

```
Package Version: 2.0P65

Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK ITEMS GROUP
  VA-ANGIOEDEMA WARNING ACE GROUP

REMINDER DIALOG
  VA-ANGIOEDEMA OBJECT

REMINDER TERM
  VA-REMINDER UPDATE_2_0_349

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-Install Set-up Instructions

When your facility decides to use this order check, you will need to update the order check rules to PROD status.

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

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

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// **<ENTER>**

ORDER CHECK RULE NAME

Select Reminder Order Check Rule: **VA-ANGIOEDEMA WARNING ACE RULE**

RULE NAME VA-ANGIOEDEMA WARNING ACE RULE

DISPLAY NAME: ANGIOEDEMA WARNING

STATUS: PROD

CLASS: NATIONAL

SPONSOR:

REVIEW DATE:

I=INACTIVE, P=PRODUCTION, T=TESTING