Update_2_0_13

Clinical Reminders

VA-COMBINATION DRUG CLASSES ORDER CHECK

Install Guide

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Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

Clinical Reminder UPDATE_2_0_13 contains 1 Reminder Exchange entry:

UPDATE_2_0_13 VA-COMBINATION DRUG CLASSES CROC

VA facilities reported that the Computerized Patient Record System (CPRS) did not trigger allergy-drug order checks for orders of combination medications that contained a drug similar to a listed allergen. The allergy-drug order checks were also not presented in VA's Veterans Health Information Systems and Technology Architecture (VistA) for pharmacy review.

VA-COMBINATION DRUG CLASSES CLINICAL REMINDERS ORDER CHECK (CROC) will generate an order check that provides a warning to perform a manual allergy assessment for the following combination drug classes when ordered:

> CV400 - ANTIHYPERTENSIVE COMBINATIONS
> DE250 - ANTI-INFECTIVE/ANTI-INFLAMMATORY COMBINATIONS, TOPICAL
> GA802 - ANTIMUSCARINIC/ANTIPASMODIC COMBINATIONS
> OP350 - ANTI-INFECTIVE/ANTI-INFLAMMATORY COMBINATIONS, TOPICAL OPHTHALMIC
> OT250 - ANTI-INFECTIVE/ANTI-INFLAMMATORY COMBINATIONS, TOPICAL OTIC
> RE500 - COLD REMEDIES, COMBINATIONS

CPRS Order check results after installation and activation of the CROC (Figures 1 and 2):

Figure 1 - CPRS Order entry

Figure 2 - CPRS Order signature

Order Checks

To cancel an order select the order by checking the checkbox and press the "Cancel Checked Order(s)" button.
If the order check description is cut short, hover over the text to view the complete description.

Cancel	Order/Order Check Text
Cancel? ☐	HCTZ 12.5/LISINOPRIL 20MG TAB TAKE ONE TABLET BY MOUTH EVERY MORNING FOR HIGH BLOOD PRESSURE Quantity: 30 Refills: 0 *UNSIGNED*

*Order Check requires Reason for Override
(1 of 2) COMBINATION DRUG REQUIRES MANUAL ALLERGY-DRUG CHECK
        Ordered medication is a combination drug which may NOT trigger
order checks.
        ACTION: Perform a manual allergy review.

(2 of 2) Duplicate Therapy: Order(s) exist for {RAMIPRIL 2.5MG CAP
[ACTIVE NON-VA]} in the same therapeutic category(ies): Angiotensin
Converting Enzyme (ACE) Inhibitors, Angiotensin Inhibiting Agents

Cancel Checked Order(s)

NOTE: The override reason is for tracking purposes and

Enter reason for overriding order checks:

Accept Order(s)   Return to Orders   Drug Interaction Monograph

Warning displays and an override
is required

Install Details

This update is being distributed as a web host file. The address for the host file is:
http://vista.med.va.gov/reminders/UPDATE_2_0_13.PRD

The following reminder content is included in this UPDATE:

REMINDER TERM
   VA-ALL PATIENTS (TERM)

REMINDER ORDER CHECK RULES
   VA-COMBINATION DRUG CLASSES

REMINDER ORDER CHECK ITEMS GROUP
   VA-COMBINATION DRUG CLASSES

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 five minutes.

Install Example

In Reminder Exchange, use ACTION "LWH" to load the web host file and input URL
http://vista.med.va.gov/reminders/UPDATE_2_0_13.PRD

```
Exchange File Entries.

 Item   Entry                          Source                  Date Packed
    1   603 MEDICINE SPECIALTY CLINIC  ATTUM@LOUISVILLE,       09/13/2012@14:31
        CANCELLATION
    2   691 HIV UNIVERSAL SCREENING    OCHOTORENA@WEST LA VAMC 02/10/2010@10:33
    3   691 NSG ADMISSION EVAL         OCHOTORENA@WEST LA VAMC 02/10/2015@11:38
        SYSTEMS 9 & 10 AND NCP DLG
    4   691 PATIENTS WITH NO PC VISITS OCHOTORENA@WEST LA VAMC 02/08/2010@16:40
    5   ACOVE (ASSESSING CARE OF       RAINS@SEATTLE VA M      04/14/2016@15:42
        VULNERABLE ELDERS) NURSE
    6   ACOVE FRAIL ELDERLY REMINDERS  WILLIS@FAYETTEVILLE     07/17/2015@09:10
        72015
+        + Next Screen   - Prev Screen   ?? More Actions                  >>>
CFE   Create Exchange File Entry     IH    Installation History
CHF   Create Host File               LHF   Load Host File
CMM   Create MailMan Message         LMM   Load MailMan Message
DFE   Delete Exchange File Entry     LWH   Load Web Host File
IFE   Install Exchange File Entry    RI    Reminder Definition Inquiry
Select Action: Next Screen// LWH   Load Web Host File
Input the URL for the .prd file: http://vista.med.va.gov/reminders/UPDATE_2_0_13.PRD
```

You should receive a message that your entry was successfully loaded

```
Clinical Reminder Exchange    May 20, 2016@12:52:28      Page:   28 of   52
http://vista.med.va.gov/reminders/UPDATE_2_0_13.PRD successfully loaded.
```

In Reminder Exchange, navigate to the exchange entry named **UPDATE_2_0_13 VA-COMBINATION DRUG CLASSES CROC** using SL Action. Once you find your entry, you will use IFE Action to install the entry. In this example, entry 102 will be used to install, it will vary by site.

```
Exchange File Entries.

+Item   Entry                         Source               Date Packed
    97  UPDATE 9 BACKUP 0712          GRIFFITH@SALT LAKE CI  07/12/2016@13:18
    98  UPDATE_2_0_1 BENEFICIARY      GRIFFITH@SALT LAKE CI  02/18/2016@13:34
        TRAVEL/EBOLA UPDATE
    99  UPDATE_2_0_10 VA-MAMMOGRAM TAX  GRIFFITH@SALT LAKE CI  10/29/2015@10:33
   100  UPDATE_2_0_11 BENZODIAZEPINE/O  SILVERMAN@SALT LAKE CI  04/14/2016@13:40
        PIOID ORDER CHECK
   101  UPDATE_2_0_12 VA-DIFFICULT    GRIFFITH@SALT LAKE CI  03/10/2016@14:12
        AIRWAY
   102  UPDATE_2_0_13 VA-COMBINATION  SILVERMAN@SALT LAKE CI  07/29/2016@09:12
        DRUG CLASSES CROC
+         + 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
Select Action: Next Screen// IFE   Install Exchange File Entry
Enter a list or range of numbers (1-272): 102
```

Once you select your entry to install, use the IA Action

```
        Component                              Category    Exists
Source:     SILVERMAN,ROBERT at SALT LAKE CITY
Date Packed: 07/29/2016@09:12:44
Package Version: 2.0P63

Description:
R. Silverman 12-2-2015
For NCPS Alert AL 16-xx "Allergy-drug order checks may not trigger for
combination drugs"

Keywords:

Components:

ROUTINE
     PXRMPDEM                                               X

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

The following is a listing of the prompts you will see when installing the entry:

Select Action: Next Screen// IA   Install all Components

REMINDER TERM entry VA-ALL PATIENTS (TERM) is NEW,
what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        I   Install
        Q   Quit the install
        S   Skip, do not install this entry

Enter response: I// nstall

REMINDER ORDER CHECK RULES entry VA-COMBINATION DRUG CLASSES is NEW,
what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        I   Install
        Q   Quit the install
        S   Skip, do not install this entry

Enter response: I// nstall

REMINDER ORDER CHECK ITEMS GROUP entry VA-COMBINATION DRUG CLASSES
is NEW, what do you want to do?

    Select one of the following:

        C   Create a new entry by copying to a new name
        I   Install
        Q   Quit the install
        S   Skip, do not install this entry

Enter response: I// nstall

You will be returned to this screen.

```
       Component                                    Category     Exists
Source:        SILVERMAN,ROBERT at SALT LAKE CITY
Date Packed: 07/29/2016@09:12:44
Package Version: 2.0P63

Description:
R. Silverman 12-2-2015
For NCPS Alert AL 16-xx "Allergy-drug order checks may not trigger for
combination drugs"

Keywords:

Components:

ROUTINE
     PXRMPDEM                                                         X

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

At the select action prompt, type Q to quit.

Install Complete.

Post Install Instructions

1. *Activate the Reminder Order Check Rules*
   The installation of CLINICAL REMINDER UPDATE_2_0_13 will require the STATUS of the Reminder Order Check Rule "VA-COMBINATION DRUG CLASSES" be changed to PROD.   Shown below are the steps to make this change.

   The option represented here is **Add/Edit Reminder Order Check Rule [PXRM 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-COMBINATION DRUG CLASSES
   RULE NAME: VA-COMBINATION DRUG CLASSES
   DISPLAY NAME: COMBINATION DRUG REQUIRES MANUAL ALLERGY-DRUG CHECK
   STATUS: **PROD**
         ^ *change to PROD to activate Production Mode*

   CLASS: **NATIONAL**
   SPONSOR:
   REVIEW DATE:
   _____
   I=INACTIVE, P=PRODUCTION, T=TESTING
   Save and Exit

   NOTE: If you don't get the expected results or require further technical assistance, please notify your local IT support to log a national CA Service Desk Manager (SDM) ticket (previously a Remedy™ ticket) or contact the VA Service Desk at 1-888-596-4357 and have them submit a national CA ticket to the Incident Area: NTL.APP.VISTA.CLINICAL REMINDERS 2_0 and we will contact you.