VistA

Update_2_0_13

Clinical Reminders

VA-COMBINATION DRUG CLASSES ORDER CHECK

Install Guide

June 2016

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
> CV704 - POTASSIUM SPARING/COMBINATIONS DIURETICS
> DE250 - ANTI-INFECTIVE/ANTI-INFLAMMATORY COMBINATIONS, TOPICAL
> GA802 - ANTIMUSCARINIC/ANTIPASMODIC COMBINATIONS
> OP105 - ANTIGLAUCOMA COMBINATIONS, TOPICAL OPHTHALMIC
> OP350 - ANTI-INFECTIVE/ANTI-INFLAMMATORY COMBINATIONS, TOPICAL OPHTHALMIC
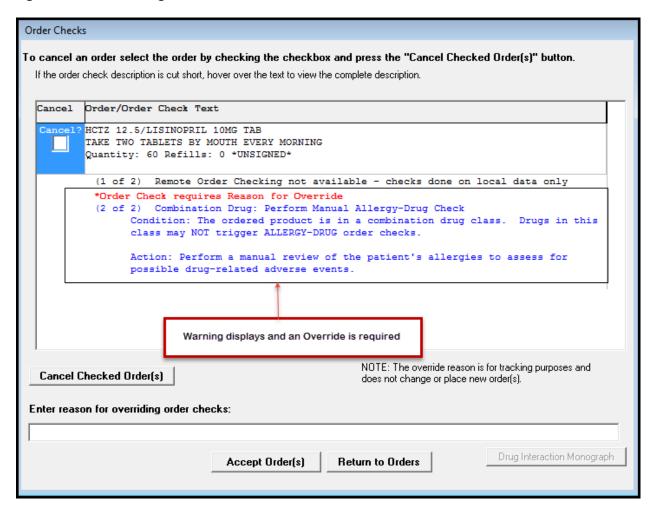> OT250 - ANTI-INFECTIVE/ANTI-INFLAMMATORY COMBINATIONS, TOPICAL OTIC
> RE500 - COLD REMEDIES, COMBINATIONS

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

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
```
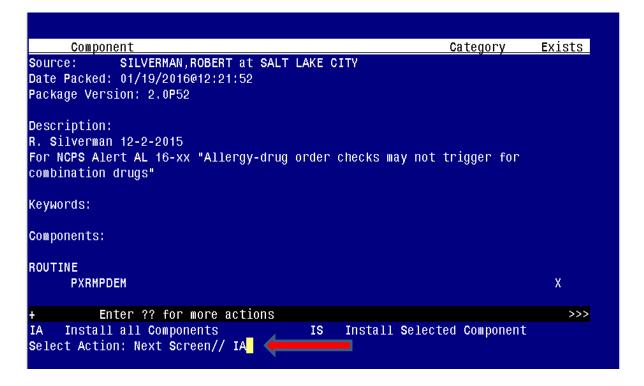
You should receive a message that your entry was successfully loaded

```
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 211 will be used to install, it will vary by site.

```
http://vista.med.va.gov/reminders/UPDATE_2_0_13.PRD successfully loaded.

+Item  Entry                          Source              Date Packed
   211  UPDATE_2_0_13 VA-COMBINATION  ◀━━━━━━━SALT LAKE CI  01/19/2016@12:21
        DRUG CLASSES CROC
   212  UPDATE_2_0_1_1 BENEFICIARY    MONTGOMERY@SALT LAKE CI  11/20/2015@09:13
        TRAVEL/EBOLA UPDATE
   213  UPDATE_2_0_1_2 BENEFICIARY    GRIFFITH@SALT LAKE CI  01/25/2016@05:08
        TRAVEL/EBOLA UPDATE
   214  UPDATE_2_0_2 CAREGIVER ELIG   GRIFFITH@SALT LAKE CI  02/18/2016@13:10
   215  UPDATE_2_0_2_1 CAREGIVER ELIG GRIFFITH@SALT LAKE CI  10/01/2015@05:59
   216  UPDATE_2_0_2_2 CAREGIVER ELIG GRIFFITH@SALT LAKE CI  11/30/2015@09:16
   217  UPDATE_2_0_2_3 CAREGIVER ELIG GRIFFITH@SALT LAKE CI  01/08/2016@06:15
+        + 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// IFE   Install Exchange File Entry
Enter a list or range of numbers (1-376): 211
```

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

```
        Component                              Category    Exists
Source:      SILVERMAN,ROBERT at SALT LAKE CITY
Date Packed: 01/19/2016@12:21:52
Package Version: 2.0P52

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<mark>// IA   Install all Components</mark>

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<mark>: I// nstall</mark>
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<mark>: I// nstall</mark>
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<mark>: I// nstall</mark>

You will be returned to this screen.

```
        Component                                    Category     Exists
Source:      SILVERMAN,ROBERT at SALT LAKE CITY
Date Packed: 01/19/2016@12:21:52
Package Version: 2.0P52

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


+         + Next Screen   - Prev Screen   ?? 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: Perform 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.