Update _2_0_288

Clinical Reminders

INFLUENZA REMINDER UPDATE 2022

Install Guide

July 2022

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

DO NOT INSTALL THIS INTO YOUR PRODCTION ACCOUNT UNTIL YOUR SITE HAS YOUR FLU FORMULATIONS FOR 2022-2023 FLU SEASON AND YOU ARE READY TO ADMINISTER. DO NOT INSTALL IF YOU SITE IS A TEST SITE FOR CPRS32B OR CPRS33. YOU WILL NEED TO COORDINATE WITH YOUR FLU COMMITTEE AND POSSIBLY PHARMACY

UPDATE 288 Summer 2022 for 2022-23 influenza season.
> 1. Update start date to 7/30/22
> 2. Update stop date to 5/8/23
> 3. Update formulations in the dialog.
> 4. Update dialog to version 3.

UPDATE_2_0_288 contains 1 Reminder Exchange entry:
> **UPDATE_2_0_288 FLU REMINDER 2022-2023**

The exchange file contains the following components:

```
REMINDER GENERAL FINDINGS
   1  VIEW PROGRESS NOTE TEXT

TIU TEMPLATE FIELD
   2  IM SCRIBE
   3  BLANK TEXT FIELD FOR DIALOGS
   4  IM INFLUENZA VACCINE POST SEASON MESSAGE
   5  IM INFLUENZA VACCINE REMINDER DIALOG HEADER
   6  VA-LOCATIONS
   7  IM VIS INFLUENZA URL
   8  IM VIS INFLUENZA DT
   9  IM INFLUENZA COUNSELING
  10  IM INFLUENZA FLUBLOK LOT# EXP DATE
  11  IM COMMENT COMPLICATONS
  12  IM INFLUENZA FLUBLOK MANUF
  13  IM INFLUENZA FLUCELVAX2 HD LOT# EXP DATE
  14  IM INFLUENZA FLUCELVAX2 MANUF
  15  IM INFLUENZA FLUCELVAX HD LOT# EXP DATE
  16  IM INFLUENZA FLUCELVAX MANUF
  17  IM INFLUENZA OTHER LOT# EXP DATE
  18  IM INFLUENZA OTHER MANUF
  19  IM INJECTION RIGHT/LEFT
  20  IM INFLUENZA FLUZONE HD LOT# EXP DATE
  21  IM INFLUENZA FLUZONE MANUF
  22  IM INFLUENZA FLUAD ADJ LOT# EXP DATE
  23  IM INFLUENZA FLUAD MANUF
  24  IM INFLUENZA AFLURIA MD VIALS LOT# EXP DATE
```

```
  25   IM INFLUENZA AFLURIA MANUF
  26   IM INFLUENZA AFLURIA SYRINGES LOT# EXP DATE
  27   IM INFLUENZA VACCINE CONTRA WARNING
  28   NCP INFLUENZA IMMUNIZATION GUIDANCE

IMMUNIZATION
       INFLUENZA, UNSPECIFIED FORMULATION
       INFLUENZA, RECOMBINANT, QUADRIVALENT,INJECTABLE,
       PRESERVATIVE FREE
       INFLUENZA, INJECTABLE, MDCK, QUADRIVALENT
       INFLUENZA, INJECTABLE, MDCK, PRESERVATIVE FREE,
       QUADRIVALENT
       INFLUENZA, HIGH-DOSE, QUADRIVALENT
       INFLUENZA VACCINE, QUADRIVALENT, ADJUVANTED
       INFLUENZA, INJECTABLE, QUADRIVALENT
       INFLUENZA, INJECTABLE, QUADRIVALENT, PRESERVATIVE
       FREE
       INFLUENZA, HIGH DOSE SEASONAL
       INFLUENZA, TRIVALENT, ADJUVANTED
       INFLUENZA, INTRADERMAL, QUADRIVALENT,
       PRESERVATIVE FREE
       INFLUENZA, RECOMBINANT, INJECTABLE, PRESERVATIVE
       FREE
       INFLUENZA, INJECTABLE, MDCK, PRESERVATIVE FREE
       INFLUENZA NASAL, UNSPECIFIED FORMULATION
       INFLUENZA, LIVE, INTRANASAL, QUADRIVALENT
       INFLUENZA, SEASONAL, INTRADERMAL, PRESERVATIVE
       FREE
       INFLUENZA, SEASONAL, INJECTABLE
       INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE
       INFLUENZA, LIVE, INTRANASAL

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  33   VA-FLU EDUCATION VIRTUAL/TELEHEALTH VST
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  38   NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE
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       VA-AGE

REMINDER TAXONOMY
```

```
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   45  VA-INFLUENZA ORDER SUPPRESSION
   46  VA-INFLUENZA IMM REFUSED (END OF SEASON)
   47  VA-INFLUENZA IMM NOT DONE THIS SEASON
   48  VA-INFLUENZA IMM REFUSED
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   50  VA-INFLUENZA IMM SEASON START DATE
   51  VA-INFLUENZA IMM SEASONAL VACCINE FORMULATIONS

REMINDER DEFINITION
   52  VA-INFLUENZA SEASONAL IMMUNIZATION

REMINDER DIALOG
   53  VA-INFLUENZA IMMUNIZATION
```

Pre-Install

Using the menu Reminder Dialog Manager, reminder Dialog, change view to group view, review the reminder dialog group VAL-OI IM INFLUENZA OUTPT and identify any quick order added as a finding or additional finding.

Install Details

DO NOT INSTALL THIS INTO YOUR PRODCTION ACCOUNT UNTIL YOUR SITE HAS YOUR FLU FORMULATIONS FOR 2022-2023 FLU SEASON AND YOU ARE READY TO ADMINISTER. DO NOT INSTALL IF YOU SITE IS A TEST SITE FOR CPRS32B OR CPRS33. YOU WILL NEED TO COORDINATE WITH YOUR FLU COMMITTEE AND POSSIBLY PHARMACY

This update is being distributed as a web host file. The address for the host file is: https://REDACTED/UPDATE_2_0_288.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 30 minutes.

Install Example

To Load the exchange file, use LWH. The URL is
https://REDACTED/UPDATE_2_0_288.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// LW    Load Web Host File
Input the URL for the .prd file: https://              /UPDATE_2_0_288.PRD
```

If you use LWH and it works, you will see something like this message. Make sure the file was loaded successfully.

```
https://                        /UPDATE_2_0_288.PRD successfully loaded.
```

Most components will be the same and will be skipped. Here are general rules for prompts to which you will have to respond.
If a component is new, use **INSTALL** action

Search and locate an entry titled UPDATE_2_0_288 FLU REMINDER 2022-2023 in reminder exchange. If you were a test site, you may have more than 1 entry with this name. Be sure and choose the entry with date of 06/24/2022

```
+Item  Entry                         Source              Date Packed
  379  UPDATE_2_0_288 FLU REMINDER
       2022-2023
  380  UPDATE_2_0_29 VA-HOMELESSNESS
       FOOD INSECURITY
  381  UPDATE_2_0_290
       VA-TELECRITICAL CARE NOTE
  382  UPDATE_2_0_294 VA-GEC
       PERSONAL CARE SERVICES REVIEW
  383  UPDATE_2_0_295 VA-DIAGNOSTIC
       IMAGING ORDER REVIEW
+            + 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 (1-623): 379
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry titled UPDATE_2_0_288 FLU REMINDER 2022-2023 *(in this example it is entry 379, it will vary by site)* that is dated 06/24/2022

```
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER TERM
  VA-REMINDER UPDATE_2_0_288


REMINDER DEFINITION
  VA-INFLUENZA SEASONAL IMMUNIZATION


Keywords:


Components:


+          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 you will choose I to Install

For any Reminder Terms that exist but are different, use MERGE action EXCEPT FOR THE FOLLOWING 2 TERMS. FOR THESE TERMS USE OVERWRITE ACTION
```
VA-INFLUENZA IMM SEASON START DATE
VA-INFLUENZA IMM SEASON STOP DATE
```

For any Template Fields that exist but are different, use OVERWRITE action
For existing reminder definition that is different, use OVERWRITE action
For Health Factors that exist but are different use OVERWRITE action

There is one item that may appear in your test account only. If you see this when merging reminder term VA-INFLUENZA IMM SEASONAL VACCINE FORMULATIONS, follow the
example below. This is due to the fact that Immunization INFLUNZA, HIGH-
DOSE, QUADRAVALENT may not exist in your test system, but it will exist in
your production system.

```
REMINDER TERM entry named VA-INFLUENZA IMM SEASONAL VACCINE
FORMULATIONS already exists but the packed component is different,
what do you want to do?
    Select one of the following:
        C          Create a new entry by copying to a new name
        M          Merge findings
        O          Overwrite the current entry
        U          Update
        Q          Quit the install
        S          Skip, do not install this entry
Enter response: O// Merge findings
```

You will be promped to install the reminder dialog component: Many sites have made local edits to the influenza dialog and this will install will override all your local modifications

```
Packed reminder dialog: VA-INFLUENZA IMMUNIZATION

 Item  Seq. Dialog Findings                              Type     Exists
  1       VA-INFLUENZA IMMUNIZATION                      dialog      X

  2     1 VA-TEXT INFLUENZA VACCINE HEADER*              element     X
          Finding: *NONE*

  3     3 TEXT BLANK LINE WITH TEMPLATE FIELD            element     X
          Finding: *NONE*

  4     5 VA-GP FLU IMM DETAILED INFO PARENT              group      X
          Finding: *NONE*
  5     5.2 VA-FLU IMM NCP URL                           element
          Finding: *NONE*
  6     5.4 VAL-FLU IMM DETAILED INFO                    element     X
          Finding: *NONE*
  7     5.6 VAL-FLU IMM DETAILED INFO BUTTON             element
+          + 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 all items.. If you have made local changes, this will overwrite all your changes!!

```
VA-INFLUENZA IMMUNIZATION (reminder dialog) installed from exchange file.
 Item  Seq. Dialog Findings                                Type     Exists
   1      VA-INFLUENZA IMMUNIZATION                         dialog      X

   2    1 VA-TEXT INFLUENZA VACCINE HEADER*                element      X
           Finding: *NONE*

   3    3 TEXT BLANK LINE WITH TEMPLATE FIELD              element      X
           Finding: *NONE*

   4    5 VA-GP FLU IMM DETAILED INFO PARENT                 group      X
           Finding: *NONE*
   5    5.2 VA-FLU IMM NCP URL                             element      X
           Finding: *NONE*
   6    5.4 VAL-FLU IMM DETAILED INFO                      element      X
           Finding: *NONE*
   7    5.6 VAL-FLU IMM DETAILED INFO BUTTON               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.**

```
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-INFLUENZA IMMUNIZATION

REMINDER TERM
  VA-REMINDER UPDATE_2_0_288

REMINDER DEFINITION
  VA-INFLUENZA SEASONAL IMMUNIZATION

Keywords:
+          + Next Screen   - Prev Screen   ?? More Actions              >>>
IA   Install all Components          IS    Install Selected Component
Select Action: Next Screen// Q
```

Type Q to exit the dialog installation

Post Installation

1. Using the pre-install inquiry, add the appropriate immunization quick orders as a
   FINDING ITEM on the reminder dialog group VAL-OI IM INFLUENZA OUTPT. (You
   may not have had an order on this group, it is a local site decision on whether or not to
   add one, if you are not sure, review with your Pharmacy AdPac.

   The finding item should be your local order or ordering menu for seasonal influenza.

2. Review the term VA-INFLUENZA IMM SEASONAL VACCINE FORMULATIONS.
   All the current season's formulations are included in the term. You should not have to
   map any local entries. If you find that a vaccine type being recorded is not included in
   this term, then please check your reminder dialogs because you could be recording an
   incorrect formulation or one that should no longer be in use.

3. If you want to suppress the ordering option in the dialog or the administration option in
   the INFLUENZA dialog, then follow the instructions in the following reminder terms. If
   you did not overwrite these terms during installation, they should work the same as in
   previous seasons.
   1. VA-INFLUENZA ORDER SUPPRESSION
   2. VA-INFLUENZA ADMIN SUPPRESSION

To suppress the dialog element for specific user classes: VA-ASU USER CLASS Enter the user class that should NOT see the dialog element. If more than one user class is needed, add additional findings of the CF VA-ASU USER CLASS for each one as needed.

To suppress the dialog element for all users: VA-AGE change the < sign to a > sign in the CF for patient age.

To suppress for specific user classes, in the above Terms configure the VA-ASU USER CLASS computed finding and DELETE the VA-AGE finding. NOTE: If the Age finding is not deleted, the user class settings will not work.

Other Local Options

1. Season Start Date: There is a reminder term for the season start date. This is the date before which any vaccination will be ignored for this current season. The reminder is exported with a date of 7/30/2022. You should not need to change this date for the 2022-2023 flu season. In future years, you may be asked to update this date.

VA-INFLUENZA IMM SEASON START DATE

Class: NATIONAL

Sponsor: VA National Center for Health Promotion and Disease Prevention (NCP)

Date Created:

Review Date:

Description:

Record the date that the first influenza vaccine for a season should be considered

valid.

E.g. If any vaccine given in August 2022 should be considered valid, then

use 7/31/2022 as the start date since a vaccine recorded with only a

month/year for Aug 2030 will have a date of 08/00/2030.

Enter the date for the start of the valid immunization period as a FileMan

date - enter this in the COMPUTED FINDING PARAMETER field.

Format for FileMan date 3yymmdd

7/30/22 ==> 3220730

Findings:

Finding Item: VA-FILEMAN DATE (FI(1)=CF(69))

Finding Type: REMINDER COMPUTED FINDING

Computed Finding Parameter: 3220730

2. Season Stop Date: There is a reminder term to indicate the date that a facility chooses to stop giving vaccine. Each spring, when flu season is over based on community incidence, the facility chooses to stop giving vaccine. After this date has passed as defined in this reminder term, the reminder logic changes to turn off if the vaccine was refused during the season or if someone records that the patient did not get vaccine during the season. The dialog also changes to a post-season version once this date has passed.
The term is exported with a default of 5/8/2023 which will need to be updated by each site in the spring of 2023 when a decision is made to stop giving vaccine.

   VA-INFLUENZA IMM SEASON STOP DATE

Class: NATIONAL

Sponsor: VA National Center for Health Promotion and Disease Prevention (NCP)

Description:

Record the date that the site decides to stop giving the influenza vaccine

for a season.

E.g. If influenza activity in the community has dropped off to very low

levels and the site will no longer give vaccine after May 8, 2023, then

enter that date.

Enter the date that the last vaccine will be administered by a site.

FileMan date - enter this in the COMPUTED FINDING PARAMETER field.

Format for FileMan date 3yymmdd

05/08/23 ==> 3230508

Findings:

Finding Item: VA-FILEMAN DATE (FI(1)=CF(69))

Finding Type: REMINDER COMPUTED FINDING

Computed Finding Parameter: 3230508

3. Refusals: The reminder currently is resolved if the patient has 2 refusals in the past 30 days or if the season is over, then any refusal during the season will resolve the reminder. Sites may shorten the time period that the 2 refusals resolve the reminder during the season. To do this, edit the reminder definition and edit the finding in the term VA-INFLUENZA IMM REFUSED
Change the date range on the finding HF VA-INFLUENZA IMM REFUSED
by giving it a different BEGIN date such as T-7

4. Dialog Text: much of the informational text and all of the administration options in the reminder dialog are local. You can edit the information text to add flu clinic hours or other local information. You can add or remove any of the flu vaccination options – the 3 formulary vaccine formulations are included by default but the group that contains them is local.

5. High dose suppression: if you want to completely suppress the option to document high dose vaccine on some group of patients, you can do that by making the condition in the reminder term shown below true for those patients. The reminder dialog is exported with a default age of 18 - for patients under the age of 18, the option to document high dose is suppressed.

   PLEASE be careful with this option -if a nurse administers high dose vaccine and then opens the dialog and the option is not there, they are likely to record the vaccine incorrectly.

VA-INFLUENZA HIGH DOSE SUPPRESS OPTION

Class: NATIONAL

Sponsor: VA National Center for Health Promotion and Disease Prevention (NCP)

Description:

Enter any condition or reminder definition that defines a population for

whom the option to see the High Dose flu vaccine administration option will

be suppressed.

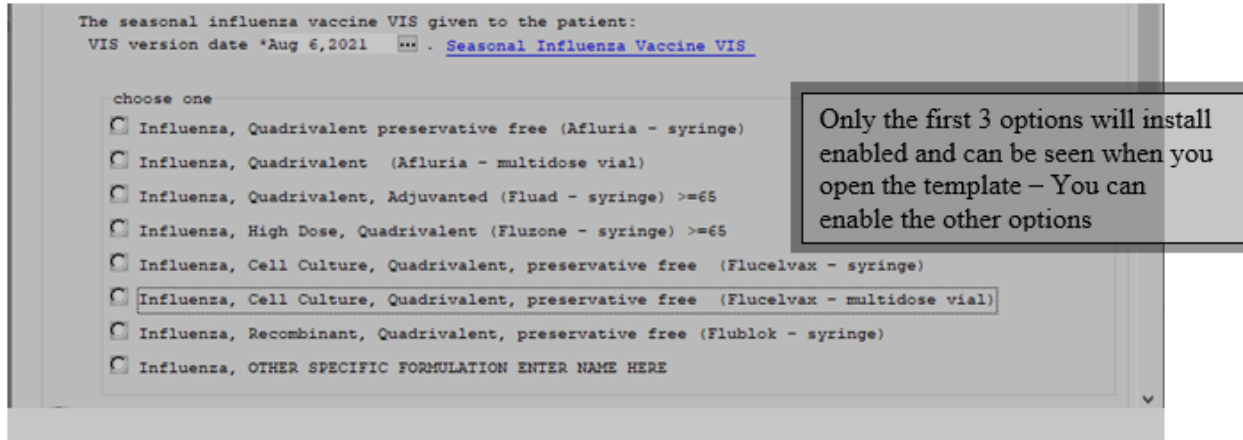If this term is true, then that option will be suppressed.

Findings:

Finding Item: VA-AGE (FI(1)=CF(27))

Finding Type: REMINDER COMPUTED FINDING

Condition: I V<18

6. Adding non-formulary formulations: The group for administering vaccine is local. There are several formulations that have dialog groups available but not viewable because the groups are installed as disabled. There is also an additional local option that you can use and edit the text if your site purchases something other than the options provided. If your site wants to use one of the hidden options, you can remove the disable from the dialog group in Vista.

The seasonal influenza vaccine VIS given to the patient:
VIS version date *Aug 6,2021   ... . Seasonal Influenza Vaccine VIS

choose one
☐ Influenza, Quadrivalent preservative free (Afluria - syringe)
☐ Influenza, Quadrivalent (Afluria - multidose vial)
☐ Influenza, Quadrivalent, Adjuvanted (Fluad - syringe) >=65
☐ Influenza, High Dose, Quadrivalent (Fluzone - syringe) >=65
☐ Influenza, Cell Culture, Quadrivalent, preservative free (Flucelvax - syringe)
☐ Influenza, Cell Culture, Quadrivalent, preservative free (Flucelvax - multidose vial)
☐ Influenza, Recombinant, Quadrivalent, preservative free (Flublok - syringe)
☐ Influenza, OTHER SPECIFIC FORMULATION ENTER NAME HERE

Only the first 3 options will install enabled and can be seen when you open the template – You can enable the other options

7. Lot#s: You may edit the template fields and make them drop down lists of available lot #s at your site to make it easier for the nurses. These template fields are exported as Edit Boxes but you can change them to a Combo Box with a list of selectable Lot #s and expiration dates.

> IM INFLUENZA AFLURIA SYRINGES LOT# EXP DATE
>
> IM INFLUENZA AFLURIA MD VIALS LOT# EXP DATE
>
> IM INFLUENZA FLUAD ADJ HD LOT# EXP DATE

8. Z code: the Z code for immunizations is included in a group that allows primary diagnosis or entry of the ICD10 code as a secondary diagnosis. The word 'OPTIONAL' above that group is local and can be edited or removed.

Install complete.