



**Update \_2\_0\_390**

**Clinical Reminders**

**INFLUENZA REMINDER UPDATE 2023**

**Install Guide**

**August 2023**

Product Development  
Office of Information Technology  
Department of Veterans Affairs

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## Introduction

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**DO NOT INSTALL THIS INTO YOUR PRODUCTION ACCOUNT UNTIL YOUR SITE HAS YOUR FLU FORMULATIONS FOR 2023-2024 FLU SEASON AND YOU ARE READY TO ADMINISTER. YOU WILL NEED TO COORDINATE WITH YOUR FLU COMMITTEE AND POSSIBLY PHARMACY**

UPDATE 390 Influenza Reminder Update for 2023-24 influenza season contains the following updates.

1. Update start date to 7/30/23
2. Update stop date to 5/8/24
3. Update formulations in the dialog.
4. Update dialog to version 4.
5. Update seasonal contraindication start date to 7/30/23

UPDATE\_2\_0\_390 contains 1 Reminder Exchange entry:  
**UPDATE\_2\_0\_390 FLU REMINDER 2023-2024**

**The exchange file contains the following components:**

### **REMINDER GENERAL FINDINGS**

VIEW PROGRESS NOTE TEXT

### **TIU TEMPLATE FIELD**

BLANK TEXT FIELD FOR DIALOGS  
VA-INFLUENZA RECOMMEND  
VA-INFLUENZA SUMMARY  
IM SCRIBE  
IM INFLUENZA VACCINE POST SEASON MESSAGE  
IM INFLUENZA VACCINE REMINDER DIALOG HEADER  
VA-LOCATIONS  
IM INFLUENZA COUNSELING  
IM PHARMACY PHONE NUMBERS  
IM VIS INFLUENZA IN URL  
IM VIS INFLUENZA URL  
NCP INFLUENZA IMMUNIZATION GUIDANCE

### **HEALTH FACTORS**

VA-REMINDER UPDATES [C]  
VA-UPDATE\_2\_0\_390  
IMMUNIZATION [C]  
VA-INFLUENZA IMM CONTRAINDICATION  
VA-INFLUENZA IMM NONE CURRENT SEASON  
VA-FLU EDUCATION VIRTUAL/TELEHEALTH VST

VA-INFLUENZA IMM PERM CONTRAINDICATION  
VA-INFLUENZA IMM SEASON CONTRAINDICATION  
VA-INFLUENZA IMM REFUSED

**REMINDER SPONSOR**

VA NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE  
PREVENTION (NCP)  
NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE  
PREVENTION (NCP)

**REMINDER COMPUTED FINDINGS**

VA-FILEMAN DATE  
VA-ASU USER CLASS  
VA-AGE

**REMINDER TAXONOMY**

VA-IMMUNIZATION ICD10 CODE

**REMINDER TERM**

VA-REMINDER UPDATE\_2\_0\_390  
VA-INFLUENZA CONTRAINDICATION  
VA-INFLUENZA IMM SEASON STOP DATE  
VA-INFLUENZA ADMIN SUPPRESSION  
VA-IM NO DOSES AVAIL FLU 149  
VA-IM NO DOSES AVAIL FLU 185  
VA-IM NO DOSES AVAIL FLU 186  
VA-IM NO DOSES AVAIL FLU 171  
VA-IM NO DOSES AVAIL FLU 197  
VA-INFLUENZA HIGH DOSE SUPPRESS OPTION  
VA-IM NO DOSES AVAIL FLU 205  
VA-IM NO DOSES AVAIL FLU 158  
VA-IM NO DOSES AVAIL FLU 150  
VA-INFLUENZA ORDER SUPPRESSION  
VA-INFLUENZA IMM NOT DONE THIS SEASON  
VA-INFLUENZA IMM CONTRAINDICATION  
VA-INFLUENZA IMM SEASON START DATE  
VA-INFLUENZA IMM SEASONAL VACCINE FORMULATIONS

**REMINDER DEFINITION**

VAL-BL INFLUENZA CONTRAINDICATION  
VA-INFLUENZA SEASONAL IMMUNIZATION

**HEALTH SUMMARY TYPE**

VA-INFLUENZA CONTRA

**HEALTH SUMMARY OBJECTS**  
VA-INFLUENZA CONTRA (TIU)

**TIU DOCUMENT DEFINITION**  
VA-INFLUENZA CONTRA

**REMINDER DIALOG**  
VA-INFLUENZA IMMUNIZATION

## Pre-Install

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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

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**DO NOT INSTALL THIS INTO YOUR PRODUCTION ACCOUNT UNTIL YOUR SITE HAS YOUR FLU FORMULATIONS FOR 2023-2024 FLU SEASON AND YOU ARE READY TO ADMINISTER. 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\\_390.PRD](https://REDACTED/UPDATE_2_0_390.PRD)

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

Installation:

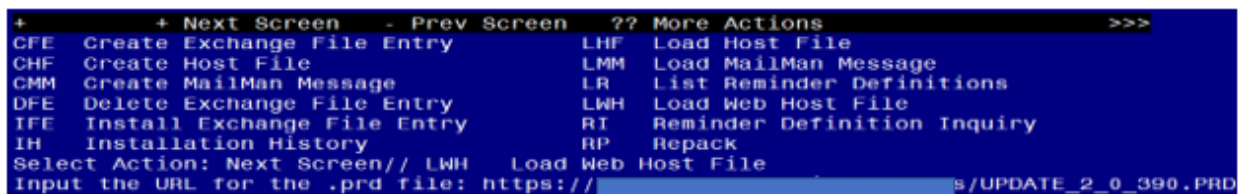
=====

This update can be loaded with users on the system. Installation will take less than 30 minutes.

## Install Example

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To Load the exchange file, use LWH. The URL is  
[https://REDACTED /UPDATE\\_2\\_0\\_390.PRD](https://REDACTED /UPDATE_2_0_390.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_390.PRD
```

You should see a message that the file was loaded successfully.

Search and locate an entry titled UPDATE\_2\_0\_390 FLU REMINDER 2023-2024 in reminder exchange.

+Item	Entry	Source	Date Packed
585	UPDATE_2_0_390 FLU REMINDER 2023-2024		
586	UPDATE_2_0_3_2 TBI SCREENING		
587	UPDATE_2_0_4 VA-VETERANS CHOICE/MAMMOGRAM/TBI UPDATE		
588	UPDATE_2_0_4 VA-VETERANS CHOICE/MAMMOGRAM/TBI UPDATE		
589	UPDATE_2_0_40 VA-HERPES ZOSTER IMMUNIZATION UPDATE		
590	UPDATE_2_0_41 FUNCTIONAL AND		
+      + 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 (1-813): 585			

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry  
Enter the number that corresponds with your entry titled UPDATE\_2\_0\_390 FLU  
REMINDER 2023-2024 (*in this example it is entry 585, it will vary by site*) that is dated  
07/31/2023.

```
Package Version: 2.0P65

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

REMINDER TERM
  VA-REMINDER UPDATE_2_0_390

REMINDER DEFINITION
  VA-INFLUENZA SEASONAL IMMUNIZATION

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.

For all new entries you will choose **I to Install**

For any TIU TEMPLATE FIELD that exist but are different, use **OVERWRITE** action

For HEALTH FACTORS that exist but are different use **OVERWRITE** action

For any REMINDER TERM that exist but are different, use the **SKIP** action except for the following 3 terms. For these three terms use **OVERWRITE** action

VA-INFLUENZA IMM SEASON START DATE

VA-INFLUENZA IMM SEASON STOP DATE

VA-INFLUENZA IMM CONTRAINDICATION

For any reminder definition that that exists but is different, use **OVERWRITE** action

For any HEALTH SUMMARY TYPE that exist but are different, use the **SKIP** action

**++ In your test account, if you get prompted that any formulations do not exist, you can choose D to delete. You should not get that error in production where the immunization file should be up to date. ++**

You will be prompted 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	5	VA-TEXT INFLUENZA VACCINE HEADER* Finding: *NONE*	element	X
3	10	TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	element	X
4	15	VA-GP INFLUENZA CONTRAINDICATION Finding: *NONE*	group	X
5	15.5	VA-INFLUENZA CONTRA MORE INFO Finding: VIEW PROGRESS NOTE TEXT (REMINDER GENERAL FINDING)	element	X
6		PXRM GF PRINT BUTTON	prompt	X
7	15.10	TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	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 all items.. If you have made local changes, this will overwrite all your changes!!

```
Packed reminder dialog: VA-INFLUENZA IMMUNIZATION
VA-INFLUENZA IMMUNIZATION (reminder dialog) installed from exchange file.
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-INFLUENZA IMMUNIZATION	dialog	X
2	5	VA-TEXT INFLUENZA VACCINE HEADER* Finding: *NONE*	element	X
3	10	TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	element	X
4	15	VA-GP INFLUENZA CONTRAINDICATION Finding: *NONE*	group	X
5	15.5	VA-INFLUENZA CONTRA MORE INFO Finding: VIEW PROGRESS NOTE TEXT (REMINDER GENERAL FINDING)	element	X
6		PXRM GF PRINT BUTTON	prompt	X
7	15.10	TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	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: 2.0P65

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

REMINDER TERM
  VA-REMINDER UPDATE_2_0_390

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

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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.

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, VA-INFLUENZA IMM SEASON START DATE, 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 7/30/2023. You should not need to change this date for the 2023-2024 flu season.
  
2. Season Stop Date: There is a reminder term to indicate the date that a facility chooses to stop giving vaccine, VA-INFLUENZA IMM SEASON STOP DATE. 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 5/8/2024 which will need to be updated by each site in the spring of 2024 when a decision is made to stop giving vaccine.
  
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

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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, VAL-GP IM INFLUENZA ADMIN OPTIONS, 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 reminder dialog will install with these CVX codes enabled, your site can disable one or more of these if you do not provide that formulation :

- 150 - Fluzone – syringe
- 158 - Fluzone - multidose vial
- 197 - Fluzone – syringe (High Dose)

Document administration of influenza vaccine today

The patient was given the influenza VIS which lists the benefits and side effects of the vaccine and which reviews the risks of not receiving the flu vaccine. The VIS was reviewed with the patient and they were given an opportunity to ask questions. The patient was provided education on how to decrease the risk of influenza infection including social distancing and use of good hand hygiene. The patient denied any prior severe reaction to the flu vaccine or its components. The patient gave verbal consent to receive the vaccine.

[Seasonal Influenza Vaccine VIS](#)

choose one

- Influenza, Quadrivalent preservative free (Fluzone-syringe)
- Influenza, Quadrivalent (Fluzone-multidose vial)
- Influenza, High Dose, Quadrivalent (Fluzone - syringe) preferred for >=65

These additional CVX codes are available but disabled in the dialog and can be enabled if appropriate for your site, please work with your local Pharmacy to make sure you have the appropriate CVX codes enabled:

- 149 – FluMist (this option has an additional VIS sheet link)
- 171 - Flucelvax – syringe
- 185 - Flublok – syringe
- 186 - Flucelvax – multidose vial
- 205 - Fluad – syringe

Install complete.