

**Update \_2\_0\_173C**

Clinical Reminders

VA-COVID-19 IMMUNIZATION REMINDER UPDATE C

Install Guide

**DECEMBER 2020**

Product Development

Office of Information Technology

Department of Veterans Affairs

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# Introduction

DESCRIPTION: This update revises several items in the VA-SARS-COV-2 IMMUNIZATION dialog and VA-SARS-COV-2 IMMUNIZATION TEMPLATE dialog. The VA-SARS-COV-2 VACCINE CONTRAINDICATION reminder term has also been updated to include health factors that represent a contraindication for each of the five COVID-19 vaccines.

Changes to the dialogs:

1. Updated template fields
	1. URLs for EUA fact sheets added.
	2. Details on vaccination, EUA Fact sheets, and ACIP guidelines added.
	3. Pre-vaccination text revised.
	4. Post-vaccination text revised.
2. Updates to dialog groups and elements
	1. Enabled the administration group and historical group for Moderna vaccine.
	2. Added separate options to document patient refusal for a specific vaccine or for all COVID-19 vaccines.
	3. Added separate options for documenting contraindications for each vaccine.
	4. The reminder dialog included in the update, SARS-COV-2 IMMUN UPDATE 173C V2.3 is only used to install revisions to template fields. It should not be used in CPRS.

UPDATE\_2\_0\_173C contains 1 Reminder Exchange entry:

**UPDATE\_2\_0\_173C VA-COVID-19 IMMUNIZATION REMINDER**

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

**REMINDER TERM**

 VA-SARS-COV-2 VACCINE CONTRAINDICATION

 VA-REMINDER UPDATE\_2\_0\_173C

**REMINDER DIALOG**

 SARS-COV-2 IMMUN UPDATE 173C V2.3

**NEW HEALTH FACTORS**

VA-UPDATE\_2\_0\_173C

VA-SARS-COV-2 VACCINE INTEREST

 VA-SARS-COV-2 VACCINE CONTRAIND B1

 VA-SARS-COV-2 VACCINE CONTRAIND A1

 VA-SARS-COV-2 VACCINE CONTRAIND E2

 VA-SARS-COV-2 VACCINE CONTRAIND C2

 VA-SARS-COV-2 VACCINE CONTRAIND D2

 VA-SARS-COV-2 VACCINE DEFERRED

VA-SARS-COV-2 IMM REFUSAL - UNS CVX 213

 VA-SARS-COV-2 IMM REFUSAL - PFR CVX 208

 VA-SARS-COV-2 IMM REFUSAL - MOD CVX 207

# Pre-Install Details

If you are a Pfizer site, check the dialog prompt for your lot # and expiration date and make a note of what entry or entries you have for that prompt.  You will need to re-enter them after installing.

Using the reminder dialog manager menu, reminder dialogs, change the view to Prompt and inquire : IM SARS-COV-2 VACCINE D2 MVX LOT EXP

# Install Details

This update is being distributed as a web host file. The address for the host file is: **<https://Redacted /UPDATE_2_0_173C.PRD>**

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

This update can be loaded with users on the system. Installation will take less than 5 minutes

# Install Example

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

 

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\_173C.PRD**](https://Redacted/UPDATE_2_0_173C.PRD)



Search and locate an entry titled **UPDATE\_2\_0\_173C VA-COVID-19 IMMUNIZATION REMINDER.**

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry

Enter the number that corresponds with your entry **UPDATE\_2\_0\_173C VA-COVID-19 IMMUNIZATION REMINDER.**  *(in this example it is entry 152 it will vary by site).* The date of the exchange file should be 12/20/2020.



At the **Select Action** prompt, type **IA** for Install all Components and hit enter.

Select Action: Next Screen// IA Install all Components

During installation,

* Install all NEW items
* Overwrite all existing TIU template fields
* Overwrite the VA-SARS-COV-2 VACCINE CONTRAINDICATION term
* Skip the Health Summary Type

**You will be promped to install the reminder dialog component – You will choose to install all.**



At the **Select Action** prompt, type **IA** to install the dialog –

Select Action: Next Screen// IA Install All

Install reminder dialog and all components with no further changes: Y// Yes



After completing this dialog install, you will type Q.



You will then be returned to this screen. At the **Select Action** prompt, type **Q.**

Install complete.

# Post-Installation

1. **For sites that ONLY have the Moderna vaccine:**
	1. **Consider disabling the dialog group for documenting administration of the Pfizer vaccine. The group is VAL-SARS-COV-2 VACCINE ADMIN D2 GP.**

**Navigate to the group**

NAME: VAL-SARS-COV-2 VACCINE ADMIN D2 GP Replace

DISABLE: **2** DISABLE AND DO NOT SEND MESSAGE

CLASS: LOCAL//

**Leave reminder group**

1. **For sites that ONLY have the Pfizer vaccine:**

* 1. **Consider disabling the dialog group for documenting administration of the Moderna vaccine. The group is VAL-SARS-COV-2 VACCINE ADMIN C2 GP.**

**Navigate to the group**

NAME: VAL-SARS-COV-2 VACCINE ADMIN C2 GP Replace

DISABLE: **2** DISABLE AND DO NOT SEND MESSAGE

CLASS: LOCAL//

**Leave reminder group**

* 1. **Consider disabling the dialog element for documenting refusal of the Moderna vaccine. The element is VAL-SARS-COV-2 VACCINE REFUSED MODERNA.**

**Navigate to the element**

NAME: VAL-SARS-COV-2 VACCINE REFUSED MODERNA Replace

DISABLE: **2** DISABLE AND DO NOT SEND MESSAGE

CLASS: LOCAL//

**Leave reminder element**

1. **For sites that have the Pfizer vaccine, enable the dialog element for documenting refusal of the Pfizer vaccine. The element is VAL-SARS-COV-2 VACCINE REFUSED PFIZER.**

**Navigate to the element**

NAME: VAL-SARS-COV-2 VACCINE REFUSED PFIZER Replace

DISABLE: DISABLE AND SEND MESSAGE// **@**

 SURE YOU WANT TO DELETE? **Yes**

**Leave reminder group**

1. **Configure term VA-SARS-COV-2 VACCINE INDICATION 4, so the COVID-19 Immunization reminder is due for inpatients (as necessary).**

The term now contains one instance of the computed finding for VA-IS INPATIENT. Examples are in the reminder term and below describing how to set it up for A) all inpatients, B) for selected treating specialties, **or** C) for selected wards.

1. **To make the reminder due for all inpatients and limit to specific wards with the “Edit Cover Sheet Reminder List” option in CPRS:**
2. **Delete the condition in the finding to include all inpatients in the cohort.**
3. **Assign the reminder only to those wards that are appropriate.**

**Do not assign to acute medical or surgical wards or ICU.**

Navigate to the REMINDER MANAGERS MENU

 CF Reminder Computed Finding Management ...

 RM Reminder Definition Management ...

 SM Reminder Sponsor Management ...

 TXM Reminder Taxonomy Management

 TRM Reminder Term Management ...

 LM Reminder Location List Management ...

 RX Reminder Exchange

 RT Reminder Test

 OS Other Supporting Menus ...

 INFO Reminder Information Only Menu ...

 DM Reminder Dialog Management ...

 CP CPRS Reminder Configuration ...

 RP Reminder Reports ...

 MST Reminders MST Synchronization Management ...

 PL Reminder Patient List Menu ...

 PAR Reminder Parameters ...

 VS NLM Value Set Menu

 ROC Reminder Order Check Menu ...

 CQM NLM Clinical Quality Measures Menu

 XM Reminder Extract Menu ...

Select Reminder Managers Menu <TEST ACCOUNT> Option: **TRM**

 TL List Reminder Terms

 TI Inquire about Reminder Term

 TE Add/Edit Reminder Term

 TC Copy Reminder Term

 TICS Integrity Check Selected

 TICA Integrity Check All

 TEST Term Test

Select Reminder Term Management <TEST ACCOUNT> Option: **TE**

Select Reminder Term: **VA-SARS-COV-2 VACCINE INDICATION 4**

Choose from:

CF VA-IS INPATIENT Finding # 1

Select Finding: **`1** VA-IS INPATIENT

Computed Finding Description:

Editing Finding Number: 1

FINDING ITEM: VA-IS INPATIENT// **<enter>**

BEGINNING DATE/TIME: **<enter>**

ENDING DATE/TIME: **<enter>**

OCCURRENCE COUNT: **<enter>**

COMPUTED FINDING PARAMETER: **<enter>**

CONDITION: I V("WARD LOCATION")="REMOVE THIS LINE OR EDIT AS IN THE TERM DESCRIPTION" Replace **@**

 SURE YOU WANT TO DELETE? **Yes**

CONDITION CASE SENSITIVE: **<enter> Leave the finding item**

1. **OR if the reminder should be due for inpatients assigned to certain treating specialties:**
2. **Change the condition in FI(1) as below.**
3. **Assign the reminder to the SYSTEM level in CPRS.**

**Check with your MAS/Bed Management teams to verify that you have included all the appropriate treating specialties.**

In this example, the term will be true for inpatients who are assigned to a treating specialty with “NH” or “SPINAL” in the treating specialty name.

Navigate to the REMINDER MANAGERS MENU

 CF Reminder Computed Finding Management ...

 RM Reminder Definition Management ...

 SM Reminder Sponsor Management ...

 TXM Reminder Taxonomy Management

 TRM Reminder Term Management ...

 LM Reminder Location List Management ...

 RX Reminder Exchange

 RT Reminder Test

 OS Other Supporting Menus ...

 INFO Reminder Information Only Menu ...

 DM Reminder Dialog Management ...

 CP CPRS Reminder Configuration ...

 RP Reminder Reports ...

 MST Reminders MST Synchronization Management ...

 PL Reminder Patient List Menu ...

 PAR Reminder Parameters ...

 VS NLM Value Set Menu

 ROC Reminder Order Check Menu ...

 CQM NLM Clinical Quality Measures Menu

 XM Reminder Extract Menu ...

Select Reminder Managers Menu <TEST ACCOUNT> Option: **TRM**

 TL List Reminder Terms

 TI Inquire about Reminder Term

 TE Add/Edit Reminder Term

 TC Copy Reminder Term

 TICS Integrity Check Selected

 TICA Integrity Check All

 TEST Term Test

Select Reminder Term Management <TEST ACCOUNT> Option: **TE**

Select Reminder Term: **VA-SARS-COV-2 VACCINE INDICATION 4**

Choose from:

CF VA-IS INPATIENT Finding # 1

Select Finding: **`1** VA-IS INPATIENT

Computed Finding Description:

Editing Finding Number: 1

FINDING ITEM: VA-IS INPATIENT// **<enter>**

BEGINNING DATE/TIME: **<enter>**

ENDING DATE/TIME: **<enter>**

OCCURRENCE COUNT: **<enter>**

COMPUTED FINDING PARAMETER: **<enter>**

CONDITION: I V("WARD LOCATION")="REMOVE THIS LINE OR EDIT AS IN THE TERM DESCRIPTION" Replace **…** With **I V("TREATING SPECIALTY")["NH"!V("TREATING**

 **SPECIALTY")["SPINAL"**

CONDITION CASE SENSITIVE: **No**

**Leave the finding item**

1. **OR to have the reminder due for inpatients and use ward names in the condition:**
2. **Change the condition in FI(1) as below.**
3. **Assign the reminder to the SYSTEM level in CPRS.**

In this example, the term will be true for inpatients on wards named CLC1 and CLC2

Navigate to the REMINDER MANAGERS MENU

 CF Reminder Computed Finding Management ...

 RM Reminder Definition Management ...

 SM Reminder Sponsor Management ...

 TXM Reminder Taxonomy Management

 TRM Reminder Term Management ...

 LM Reminder Location List Management ...

 RX Reminder Exchange

 RT Reminder Test

 OS Other Supporting Menus ...

 INFO Reminder Information Only Menu ...

 DM Reminder Dialog Management ...

 CP CPRS Reminder Configuration ...

 RP Reminder Reports ...

 MST Reminders MST Synchronization Management ...

 PL Reminder Patient List Menu ...

 PAR Reminder Parameters ...

 VS NLM Value Set Menu

 ROC Reminder Order Check Menu ...

 CQM NLM Clinical Quality Measures Menu

 XM Reminder Extract Menu ...

Select Reminder Managers Menu <TEST ACCOUNT> Option: **TRM**

 TL List Reminder Terms

 TI Inquire about Reminder Term

 TE Add/Edit Reminder Term

 TC Copy Reminder Term

 TICS Integrity Check Selected

 TICA Integrity Check All

 TEST Term Test

Select Reminder Term Management <TEST ACCOUNT> Option: **TE**

Select Reminder Term: **VA-SARS-COV-2 VACCINE INDICATION 4**

Choose from:

CF VA-IS INPATIENT Finding # 1

Select Finding: **`1** VA-IS INPATIENT

Computed Finding Description:

Editing Finding Number: 7

FINDING ITEM: VA-IS INPATIENT// **<enter>**

BEGINNING DATE/TIME: **<enter>**

ENDING DATE/TIME: **<enter>**

OCCURRENCE COUNT: **<enter>**

COMPUTED FINDING PARAMETER: **<enter>**

CONDITION: I V("WARD LOCATION")="REMOVE THIS LINE OR EDIT AS IN THE TERM DESCRIPTION" Replace **…** With **I V("WARD LOCATION")="CLC1"!V("WARD LOCATION")="CLC2"**

CONDITION CASE SENSITIVE: **No**

**Leave the finding item**

1. **If scribes are used locally, then the VAL-IM TEXT SCRIBE GP dialog group can be enabled to add the option below.**

****

**Navigate to the VAL-IM TEXT SCRIBE GP Group**

NAME: VAL-IM TEXT SCRIBE GP Replace

DISABLE: DISABLE AND DO NOT SEND MESSAGE// **@**

 SURE YOU WANT TO DELETE? **Yes**

CLASS: LOCAL//

SPONSOR:

REVIEW DATE:

RESOLUTION TYPE:

ORDERABLE ITEM:

**Leave the group**

1. **Administration by policy/protocol: If a site has a policy that allows administration of the vaccine by policy or protocol, then 2 options exist:**
2. **Enable the VAL-TEXT ADMIN BY PROTOCOL dialog element to allow this to be documented on selected patients.**

****

**Navigate to the VAL-IM TEXT SCRIBE GP element**

NAME: VAL-TEXT ADMIN BY PROTOCOL Replace

DISABLE: DISABLE AND DO NOT SEND MESSAGE// **@**

 SURE YOU WANT TO DELETE? **Yes**

CLASS: LOCAL//

SPONSOR:

**Leave the element**

1. **Or add appropriate information to the post-vaccination text in the following two TIU template fields.**

 **IM SARS COV-2 ADMIN INFO POST TEXT D2 #1
IM SARS COV-2 ADMIN INFO POST TEXT D2 #2**

 **Example text to add:
Vaccine administered by protocol without complications. The patient was
 advised to remain in the facility for 15 minutes post vaccination.**

****

****

1. **Edit appropriate lot number prompts for the appropriate vaccines (as necessary). It is important to follow the formatting in the example.**

**Pfizer sites will need to re-enter the lot # and expiration date into the prompt.**

**IM SARS-COV-2 VACCINE D2 MVX LOT EXP**

Throughout the dialog groups, elements, and additional prompts, and install guide, the COVID-19 placeholder immunizations are stored and represented as listed below. The Pfizer and Moderna immunizations have been updated in the IMMUNIZATION file, but some groups and elements may still be named according the table below.

Ensure to edit the groups, elements, and additional prompts for the appropriate corresponding vaccine.

**Reminder: reminder dialog prompts MUST be updated with the correct lot # and expiration date information**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **VistA Reminder Designation** | **CVX** | **CPT** | **Series 1 CPT** | **Series 2 CPT** | **Prompt for Lot # and Expiration** |
| Pfizer | D2 | 208 | 91300 | 0001A | 0002A | IM SARS-COV-2 VACCINE D2 MVX LOT EXP |
| Moderna | C2 | 207 | 91301 | 0011A | 0012A | IM SARS-COV-2 VACCINE C2 MVX LOT EXP |

* 1. **Navigate to reminder dialogs and change view to Additional Prompts.** The example below is for the Moderna vaccine.

DIALOG VIEW (REMINDER DIALOGS - SOURCE REMINDER NAME)

+Item Reminder Dialog Name Source Reminder Status

 316 VA-SARS-COV-2 IMMUNIZATION VA-SARS COV-2

 317 VA-SCREEN COVID \*NONE\*

 318 VA-SOC WORK ADVANCE CARE PLANNING GROUP \*NONE\*

 319 VA-SOC WORK ADVANCE CARE PLANNING GV-F/ \*NONE\*

 320 VA-SPINAL CORD INJURIES AND DISORDERS \*NONE\*

 321 VA-SRA-CONSULT RESPONSE (D) \*NONE\*

 322 VA-STAR ABC CARD \*NONE\*

 323 VA-STAR BEHAVIOR INCIDENT NOTE (BIN) \*NONE\*

 324 VA-TBI SCREENING VA-TBI SCREENING

 325 VA-TBI/POLYTRAUMA REHAB/REINTEGRATION P \*NONE\* Linked

 326 VA-TECS GLAUCOMA PHYSICIAN \*NONE\*

 327 VA-TECS GLAUCOMA TECHNICIAN \*NONE\*

 328 VA-TECS LETTERS \*NONE\*

 329 VA-TECS PHYSICIAN \*NONE\*

+ Enter ?? for more actions >>>

AD Add Reminder Dialog PT List/Print All QU Quit

CV Change View RN Name/Print Name

Select Item: Next Screen// **CV**

 Select one of the following:

 D Reminder Dialogs

 E Dialog Elements

 F Forced Values

 G Dialog Groups

 P Additional Prompts

 R Reminders

 RG Result Group (Mental Health)

 RE Result Element (Mental Health)

TYPE OF VIEW: R// **P**

* 1. **Search list and navigate to the IM SARS-COV-2 VACCINE….. prompts**

DIALOG VIEW (ADDITIONAL PROMPTS)

 Item Dialog Name Dialog type Status

 1 1 MJB COMMENT NONFORCED Additional Prompt

 2 1 MJB READING Additional Prompt

 3 ARCH COMMENT Additional Prompt

 4 BP CUFF LARGE Additional Prompt

 5 BP CUFF MEDIUM Additional Prompt

 6 BP CUFF SMALL Additional Prompt

 7 BP CUFF THIGH Additional Prompt

 8 CKBOX NOT INDICATED/YES/NO Additional Prompt

 9 CKBOX VA PC F/UP ABDOMEN Additional Prompt

 10 CKBOX VA PC F/UP EXTREMITIES Additional Prompt

 11 CKBOX VA PC F/UP HEART Additional Prompt

 12 CKBOX VA PC F/UP LUNG Additional Prompt

 13 CKBOX VA PC F/UP MOOD Additional Prompt

 14 CKBOX VA PC F/UP NASAL CAVITY Additional Prompt

+ + Next Screen - Prev Screen ?? More Actions >>>

AD Add PT List/Print All QU Quit

CO Copy Dialog INQ Inquiry/Print

CV Change View TE Dialog Taxonomy Edit

Select Item: Next Screen// **SL**

Search for: **IM SARS-COV-2 VACCINE**

* 1. **Identify appropriate vaccine lot number prompt.**

In this example, the lot information prompt for the Moderna vaccine will be edited. All appropriate lot numbers for the Moderna vaccine will be entered as unique sequence numbers in the C2 prompt.

Each available vaccine lot information prompt will need to be edited.

Instruct pharmacy of the need to be notified of new vaccines and/or lot numbers.

**These prompts may need to be updated frequently.**

+Item Dialog Name Dialog type Status

 32 IM SARS-COV-2 VACCINE C2 MVX LOT EXP Additional Prompt

 33 IM SARS-COV-2 VACCINE D2 MVX LOT EXP Additional Prompt

 34 IM SARS-COV-2 VACCINE E2 MVX LOT EXP Additional Prompt

 35 INFLUENZA H1N1 MANUFACTURERS Additional Prompt

 36 INFLUENZA HIGH DOSE MANUFACTURERS Additional Prompt

 37 ORZ PXRM COMMENT 2 Additional Prompt

 38 PXRM ADD TO PROBLEM LIST Additional Prompt

 39 PXRM BRADEN 10-12 Additional Prompt

 40 PXRM BRADEN 13-14 Additional Prompt

 41 PXRM BRADEN 15-18 Additional Prompt

 42 PXRM BRADEN 19-23 Additional Prompt

 43 PXRM BRADEN 6-8 Additional Prompt

 44 PXRM COMMENT Additional Prompt

 45 PXRM CONTRAINDICATED Additional Prompt

+ + Next Screen - Prev Screen ?? More Actions >>>

AD Add PT List/Print All QU Quit

CO Copy Dialog INQ Inquiry/Print

CV Change View TE Dialog Taxonomy Edit

Select Item: Next Screen// **32**  **Enter item number for the appropriate prompt**

Dialog Name: IM SARS-COV-2 VACCINE C2 MVX LOT EXP **<enter>**

Current dialog element/group name: IM SARS-COV-2 VACCINE C2 MVX LOT EXP

Used by: VAL-SARS-COV-2 VACCINE C2 #1 GP (Dialog Group)

 VAL-SARS-COV-2 VACCINE C2 #2 GP (Dialog Group)

NAME: IM SARS-COV-2 VACCINE C2 MVX LOT EXP Replace **<enter>**

DISABLE: **<enter>**

CLASS: LOCAL// **<enter>**

SPONSOR: **<enter>**

REVIEW DATE: **<enter>**

PROMPT CAPTION: MVX (Manuf); Lot#; Exp Date: Replace **<enter>**

EXCLUDE FROM PROGRESS NOTE: **<enter>**

DEFAULT VALUE: **<enter>**

Select CHECKBOX SEQUENCE: **? Enter ? to view list**

 Answer with CHECKBOX SEQUENCE

 Choose from:

 1 MOD; LOT; mm/dd/yyyy

 You may enter a new CHECKBOX SEQUENCE, if you wish

 Type a Number between 1 and 500, 0 Decimal Digits

Select CHECKBOX SEQUENCE: **1** **Enter sequence number to be revised. Sequence 1 will**

 **be the 1st checkbox at the top of the list in CPRS.**

 CHECKBOX SEQUENCE: 1// **<enter>**

 TEXT: MOD; LOT; mm/dd/yyyy ... (Enter “…” to replace all)

 With **MOD; M3141; 12/01/2020 (This is an example only. Follow the exact formatting to**

 **enter the MVX code, Lot Number, then Expiration Date.**

 **The information must be separated by a semi-colon.)**

 Replace ... With MOD; M3141; 12/01/2020 Replace **<enter>**

 MOD; M3141; 12/01/2020

Select CHECKBOX SEQUENCE: **2** **Enter sequence number to be revised. Continue until**

**all appropriate lot numbers for this vaccine are entered. Delete any unneeded default lot number sequences included in the update.**

The TEXT field for each lot number must follow this format:



1. **Add the** VA-SARS-COV-2 VACCINE INTEREST **national health factor to local dialog used for documenting patient’s interest in receiving a COVID-19 vaccination, if a dialog exists locally.**