Update _2_0_173U

Clinical Reminders

VA-COVID-19 IMMUNIZATION REMINDER UPDATE
Install Guide

April 2022

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

DESCRIPTION:
This reminder update sends out an updated version of the Covid Immunization reminder dialogs and reminder definition that are discussed below.

173U makes updates to the VA-SARS COV-2 IMMUNIZATION reminder definition, VA-SARS-COV-2 IMMUNIZATION reminder dialog and associated progress note template. Reminder exchange entry UPDATE_2_0_173U VA-COVID-19 IMMUNIZATION REMINDER

This update includes changes in the dialog to explain the 2nd booster dose for patients age 50 and older and those patients who are immunocompromised and changes to the reminder definition to prompt for the second booster in those patients. This update also adds some options for deferring the booster doses since this 2nd booster is a permissive recommendation and there may be reasons to defer.

DEFINITION CHANGES
1. Add age >49 in a reminder term – Finding 19.
2. Edit existing Function findings to give 2nd booster at 4M: 41, 70-74, 82,83
3. Add Function Findings to give 2nd booster dose at 4M for >=50 and IC. Also, for 18-49 if 2 Janssen doses: 90-97
4. Add Function Findings to set to 99Y after 2nd booster dose: 100-115, 120-126
5. Add CSUB object of immunizations to the FOUND Text of finding 9 to show immunizations in summary format
6. Add FF 11 to catch any patient who got more than one dose of vaccine but no other criteria are met. E.g. one dose of MOD + one dose of PFZ <16 days apart.
7. Add new deferral health factors to the logic to reset the frequency and resolve the reminder temporarily/indefinitely. Options only show if the primary series is completed.
8. Reminder term: VA-SARS-COV-2 VACCINE WHO APPROVED ALL (INCL US) remove series 2 condition from COVAXIN

Dialog Changes
1. Update this dialog group to add text information on 5th dose for IC
   VAL-SARS-COV-2 ADDL DOSE IMMUNOCOMP DSP TEXT GP
   a. Update this dialog element with information about the series for IC who started with Janssen (this element is included under the one above)
      VAL-SARS-COV-2 ADDL DOSE IMMUNOC BOOSTER INFO
         i. Move the Janssen info into a new element under this one
2. Update this dialog group to have statement about offering 2nd booster to some populations
   VAL-SARS-COV-2 BOOSTER DOSE DSP TEXT GP
   a. Update this dialog element – in group from above
      VAL-SARS-COV-2 BOOSTER CDC INFO

3. Template fields – update text (included in dialog group: VAL-SARS-COV-2 BOOSTER INFO)
   a. IM SARS COV-2 C2 BOOSTER INFO
   b. IM SARS COV-2 D2 BOOSTER INFO
   c. IM SARS COV-2 A1 BOOSTER INFO
4. Deferrals
   a. Add branching logic to show some different options when deferring a booster dose. A patient may decline, or review of doses may show no need for booster. More deferral options for these scenarios. (included in dialog group: VAL-SARS-COV-2 VACCINE DEFERRAL GP)

Thank you to the following test sites who installed and tested this reminder update:

New Mexico VA Health Care System (Albuquerque)
VA Nebraska Western Iowa Health Care System
Ralph J Johnson VA Medical Center (Charleston)
Aleda E. Lutz VA Medical Center (Saginaw)
VA Maryland Health Care System (Baltimore)
VA Bronx

TIU TEMPLATE FIELD
  1 IM SARS COV-2 A1 BOOSTER INFO
  2 IM SARS COV-2 D2 BOOSTER INFO
  3 IM SARS COV-2 C2 BOOSTER INFO
  4 IM SARS COV-2 CDC VACCINE CLINICAL CONSIDERATIONS
     BOOSTERURL

IMMUNIZATION
    COVID-19 (PFIZER), MRNA, LNP-S, PF, 3 MCG/0.2 ML
    DOSE, TRIS-SUCROSE (AGES 2-4 YEARS)
    COVID-19 (PFIZER), MRNA, LNP-S, PF, 10 MCG/0.2 ML
    DOSE, TRIS-SUCROSE (AGES 5-11 YEARS)
    COVID-19 (PFIZER), MRNA, LNP-S, PF, 30 MCG/0.3 ML
    DOSE, TRIS-SUCROSE (AGES 12+ YEARS)
    COVID-19 (SINOVAC), INACTIVATED VIRUS, NON-US
    COVID-19 (BIBP, SINOPHARM) IV NON-US VACCINE
    SARS-COV-2 (COVID-19) VACCINE, UNSPECIFIED
    COVID-19 (ASTRAZENECA), VECTOR-NR, RS-CHADOX1,
    PF, 0.5 ML
    COVID-19 (NOVAVAX), SUBUNIT, RS-NANOPARTICLE+MATRI
    X-M1 ADJUVANT, PF, 0.5 ML
    COVID-19 (PFIZER), MRNA, LNP-S, PF, 30 MCG/0.3 ML
    DOSE
    COVID-19 (MODERNA), MRNA, LNP-S, PF, 100
    MCG/0.5ML DOSE OR 50 MCG/0.25ML DOSE

COVID-19 (JANSSEN), VECTOR-NR, RS-AD26, PF, 0.5 ML
COVID-19 (MODERNA), MRNA, LNP-S, PF, 50 MCG/0.5
ML DOSE
COVID-19 (COVAXIN) IV NON-US VACCINE

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  6 VA-UPDATE_2_0_173U
  7 IMMUNIZATION [C]
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23 VA NATIONAL CENTER FOR HEALTH PROMOTION AND
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Pre-Install

1. You should have installed the prior versions of the covid immunization reminder updates, the most recent being 173T prior to installing this update.

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED /UPDATE_2_0_173U.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

```
+        + 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://[                    ]/UPDATE_2_0_173U.PRD
```

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_173U.PRD

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

```
https://[                    ]/UPDATE_2_0_173U.PRD successfully loaded.
```

This will install one exchange entry in your exchange file.
Added Reminder Exchange entry UPDATE_2_0_173U VA-COVID-19 IMMUNIZATION
REMINDER

```
+Item  Entry                          Source              Date Packed
 200   UPDATE_2_0_173U VA-COVID-19                        04/05/2022@07:25
       IMMUNIZATION REMINDER
 201   UPDATE_2_0_173U VA-COVID-19                        04/13/2022@13:51
       IMMUNIZATION REMINDER
 202   UPDATE_2_0_174 VAAES TEMPLATE                      11/12/2020@11:26
       UPDATES
 203   UPDATE_2_0_175 VA-CLINICAL                         11/20/2020@10:46
       APPEAL DECISION
 204   UPDATE_2_0_176 VA-ONC LUNG                         02/05/2021@06:36
       AND PROSTATE MOLECULAR TESTING
+        + 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 (1-585): 201
```

Search and locate an entry titled **UPDATE_2_0_173U 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_173U VA-COVID-19 IMMUNIZATION REMINDER.** *(in this example it is entry 201 it will vary by site).* The date of the exchange file should be 04/013/2022.

```
Date Packed: 04/13/2022@13:51:24
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  SARS-COV-2 IMMUN UPDATE 173U V2.21

REMINDER TERM
  VA-REMINDER UPDATE_2_0_173U

REMINDER DEFINITION
  VA-SARS COV-2 IMMUNIZATION

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

At the **<u>Select Action</u>** prompt, type **IA** for **Install all Components** and hit enter.
Any items that are NEW in any categories, you should INSTALL

INSTALL any new components
For TXML that are different, use OVERWRITE action
For reminder term VA-SARS-COV-2 VACCINE WHO APPROVED ALL (INCL US) use the OVERWRITE action
For all reminder terms that exist, but are different, use SKIP action
For any taxonomies that exist, but are different, use SKIP action
For any reminder definitions that exist, but are different, use OVERWRITE action
For any Health Summary items that exist, but are different, use OVERWRITE action

You will then be prompted to install the reminder dialog component, you will choose IA to install even though most items will have an X to indicate they already exist.

```
Packed reminder dialog: SARS-COV-2 IMMUN UPDATE 173U V2.21

 Item  Seq. Dialog Findings                                   Type     Exists
   1       SARS-COV-2 IMMUN UPDATE 173U V2.21                 dialog

   2    5 VA-TEXT SARS-COV-2 IMMUNIZATION HEADER              element     X
              Finding: *NONE*

   3    10 VA-TEXT SARS-COV-2 IMMUNIZATION HEADER TEMPLATE    element     X
              Finding: *NONE*

   4    20 VAL-SARS-COV-2 ADDL DOSE IMMUNOCOMP DSP TEXT GP     group      X
              Finding: *NONE*
   5    20.1 VAL-SARS-COV-2 ADDL DOSE IMMUNOC BOOSTER INFO     group      X
              Finding: *NONE*
   6    20.1.5 VAL-SARS-COV-2 ADDL DOSE IMMUNOC JANSSEN      element
              Finding: *NONE*
   7    20.2 VAL-SARS-COV-2 ADDL DOSE IMMUNOCOMP OBJECT GP     group      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 the dialog – **SARS-COV-2 IMMUN UPDATE 173U V2.21.**

```
SARS-COV-2 IMMUN UPDATE 173U V2.21 (reminder dialog) installed from exchange fil
 Item   Seq. Dialog Findings                                    Type     Exists
    1       SARS-COV-2 IMMUN UPDATE 173U V2.21                   dialog      X

    2    5 VA-TEXT SARS-COV-2 IMMUNIZATION HEADER                element     X
            Finding: *NONE*

    3    10 VA-TEXT SARS-COV-2 IMMUNIZATION HEADER TEMPLATE      element     X
            Finding: *NONE*

    4    20 VAL-SARS-COV-2 ADDL DOSE IMMUNOCOMP DSP TEXT GP       group      X
            Finding: *NONE*
    5    20.1 VAL-SARS-COV-2 ADDL DOSE IMMUNOC BOOSTER INFO       group      X
            Finding: *NONE*
    6    20.1.5 VAL-SARS-COV-2 ADDL DOSE IMMUNOC JANSSEN         element     X
            Finding: *NONE*
    7    20.2 VAL-SARS-COV-2 ADDL DOSE IMMUNOCOMP OBJECT GP       group      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
```

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

```
Date Packed: 04/13/2022@13:51:24
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  SARS-COV-2 IMMUN UPDATE 173U V2.21

REMINDER TERM
  VA-REMINDER UPDATE_2_0_173U

REMINDER DEFINITION
  VA-SARS COV-2 IMMUNIZATION

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

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

Install complete.

Post-Installation

1. Relink dialog VA-SARS-COV-2 IMMUNIZATION to reminder definition VA-SARS-COV-2 IMMUNIZATION