



Update_2_0_271

Clinical Reminders

VA-Pneumococcal Reminder Update

Install Guide

March 2022

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

The CDC and VHA updated the guidance for Pneumococcal vaccine in February 2022
REDACTED

Reminder changes:

All patients at risk of pneumococcal disease should get a dose of conjugate vaccine (PCV). If that conjugate vaccine is PCV15 (or PCV13 done in the past), then PPSV23 should be given at 1 year after conjugate vaccine. PPSV23 is not needed if PCV20 is used.

PCV – pneumococcal conjugate vaccine

1. PCV15 or PCV20 should be given to anyone age 65 and older or anyone ages 18-64 with an underlying condition that increases their risk of pneumococcal disease . If PCV15 is used, then PPSV23 should be administered at one year or later (may be given as early as 8 weeks after PCV15 for patients at very high risk of invasive pneumococcal disease - IPD).
2. If PCV20 is used, no dose of PPSV23 is needed.
3. If the patient already received PCV13, repeat dosing with another conjugate vaccine may be considered but there is inadequate evidence to make it a recommendation and the PCV reminder will not be due.

PPSV23

1. PPSV23 is due after a prior dose of PCV13 or PCV15
 - a. Due one year later for patients who are not at very high risk for invasive pneumococcal disease (IPD).
 - b. Due 8 weeks later for patients who are at very high risk of IPD (immunocompromised, splenectomy, cochlear implant).
2. If PCV15 is used, then only one dose of PPSV23 is given – no more 2 or 3 doses depending in timing and age.
3. If PPSV23 has been administered in the past and is the only pneumococcal vaccine that the patient has been given, then a dose of conjugate vaccine (PCV) is recommended. No additional dose of PPSV23 is needed.
4. Patients who received PCV13 only or PCV13 + PPSV23 should complete the previously recommended PPSV23 series. (see schedule)

Conditions with increased risk of pneumococcal disease include:

Alcoholism; chronic heart, liver, or lung disease; chronic renal failure; cigarette smoking; cochlear implant; congenital or acquired asplenia; cerebrospinal fluid leak; diabetes mellitus; generalized malignancy; HIV; Hodgkin disease; immunodeficiency; iatrogenic immunosuppression; leukemia, lymphoma, or multiple myeloma; nephrotic syndrome; solid organ transplant; sickle cell disease; or other hemoglobinopathies.

Note: *The name in Vista of the Pneumococcal Conjugate Vaccine Reminder Definition and dialog did not change at this time. The name of the definition is still VA-PNEUMOCOCCAL IMMUNIZATION PCV13, the print name that the users will see in CPRS was updated to be Pneumococcal Conjugate Vaccine (PCV15/PCV20). This is to*

prevent loading a new additional reminder into your system. A future PXRМ patch will rename the reminder and dialog.

UPDATE_2_0_271 contains 1 Reminder Exchange entry:

UPDATE_2_0_271 VA-PNEUMOCOCCAL UPDATE

The exchange file contains the following components:

TIU TEMPLATE FIELD

BLANK TEXT FIELD FOR DIALOGS
VA-LOCATIONS
IM PNEUMO PRECAUT WARNING
IM PNEUMO CONTRA WARNING
IM PNEUMO PPSV23 DIAGNOSES
IM PPSV23 LOT# EXP DATE
IM COMMENT COMPLICATONS
IM VIS PPSV23 URL
IM VIS PPSV23 DT
IM PPSV23 MANUF
IM INJECTION RIGHT/LEFT
IM PNEUMOCOCCAL VACCINE NCP GUIDANCE
IM PNEUMOCOCCAL VACCINE ACIP GUIDANCE
IM PNEUMOC PCV INFO
IM PNEUMO CONJUGATE VACCINE DIAGNOSES
IM VIS PCV URL
IM VIS PCV DT
IM PCV13 MANUF LOT#
IM PCV20 LOT# EXP DATE
IM PCV20 MANUF
IM PCV15 LOT# EXP DATE
IM PCV15 MANUF

HEALTH FACTORS

VA-REMINDER UPDATES [C]
VA-UPDATE_2_0_271
IMMUNIZATION [C]
VA-PPSV23 EDUCATION VVC/TELEHEALTH VST
PNEUMOCOCCAL PPSV23 VACCINE PRECAUTION
PNEUMOCOCCAL PPSV23 VACCINE CONTRAIND
PNEUMOCOCCAL PPSV23 DX INCORRECT
REFUSED PNEUMOC VACCINE PPSV23
PNEUMOCOCCAL CONJUGATE VACCINE CONTRAIND
VA-PCV EDUCATION VVC/TELEHEALTH VST
PNEUMOCOCCAL CONJUGATE VACCINE PRECAUTION
PNEUMOCOCCAL CONJUGATE VACCINE DX INCORRECT
REFUSED PNEUMOC CONJUGATE VACCINE PCV

REMINDER SPONSOR

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

REMINDER TAXONOMY

VA-PNEUMOC DZ RISK - CHEMOTHERAPY
VA-PNEUMOC DZ RISK - IMMUNOCOMPROMISED
VA-PNEUMOC DZ RISK - HIGHEST/NOT IMMUNO COMP
VA-PNEUMOC DZ RISK - HIGH
VA-PNEUMOC PPSV23 IMMUNIZATION
LONG TERM SYSTEMIC STEROID

REMINDER TERM

VA-REMINDER UPDATE_2_0_271
STERIODS - PNEUMOCOCCAL DZ RISK
VA-PNEUMOC DZ RISK - LONG TERM STEROIDS
VA-PNEUMOC DZ RISK - CHEMO/IMMUNOSUPP DRUGS
VA-BL PNEUMOC RECENT CHEMO/IMMUNOSUPPRESSION
VA-BL PNEUMOC RECENT CHEMOTHERAPY (ICD ONLY)
VA-PNEUMOC PCV IMMUNIZATION (ALL CONJUGATE)
VA-PNEUMOC PPSV23 IMMUNIZATION
VA-PNEUMOC DZ RISK - IMMUNOCOMPROMISED
VA-PNEUMOC DZ RISK - HIGHEST/NOT IMMUNO COMP
VA-PNEUMOC DZ RISK - HIGH
VA-AGE >64
VA-PNEUMOC PPSV23 ORDER SUPPRESSION
VA-ZOSTER IMMUNIZATION 1Y
VA-PNEUMOC PCV CONTRAINDICATION
VA-PNEUMOC PPSV23 INCORRECT DIAGNOSIS
VA-PNEUMOC PCV20 IMMUNIZATION
VA-PNEUMOC PCV15 IMMUNIZATION
VA-PNEUMOC PCV13 IMMUNIZATION
VA-PNEUMOC PPSV23 CONTRAINDICATIONS
VA-PNEUMOC PPSV23 ORDERS
VA-STEROID PREDN EQUIV 5-6.6MG
VA-STEROID PREDN EQUIV 6.6-9MG
VA-STEROID PREDN EQUIV 10-19MG
VA-STEROID PREDN EQUIV >=20MG
VA-CHEMO/IMMUNOSUPPRESSIVE DRUGS
VA-PNEUMOC DZ RISK - IMMUNOCOMPROMISED RX
VA-PNEUMOC PCV ORDER SUPPRESSION
VA-PNEUMOC PCV DEFERRALS
VA-MENING VACCINES DIPHTHERIA CONJUGATE
VA-PNEUMOC PCV ORDERS

VA-PNEUMOC PCV DX INCORRECT

REMINDER DEFINITION

LONG TERM STEROID USE
VA-BL PNEUMOC RECENT CHEMO/IMMUNOSUPPRESSION
VA-OB PNEUMOCOCCAL PRIOR VACCINATIONS
VA-OB PNEUMOCOCCAL PPSV23 INDICATIONS
VAL-IMMUNOCOMPROMISING DRUGS FOR PNEUMOCOCCAL DZ
VA-PNEUMOCOCCAL IMMUNIZATION PPSV23
VA-OB PNEUMOCOCCAL PCV INDICATIONS
VA-PNEUMOCOCCAL IMMUNIZATION PCV13

HEALTH SUMMARY TYPE

OB PNEUMOC IMMUNIZATIONS
OB PPSV23 INDICATIONS
OB PCV INDICATIONS

HEALTH SUMMARY OBJECTS

PNEUMOCOCCAL IMMUNIZATIONS (TIU)
PPSV23 INDICATIONS (TIU)
PNEUMOCOCCAL CONJUGATE INDICATIONS (TIU)

TIU DOCUMENT DEFINITION

PNEUMOCOCCAL IMMUNIZATIONS
PPSV23 INDICATIONS
PNEUMOCOCCAL CONJUGATE INDICATIONS

REMINDER DIALOG

VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX
VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR

Pre-Install

1. Confirm with your local Primary care nursing and Pharmacy that your site is ready to administer one or both of the two new conjugate vaccines: PCV 15 and/or PCV 20
DO NOT INSTALL UNTIL YOUR SITE HAS CONFIRMED THEY HAVE THE NEW VACCINES IN STOCK OR HAVE A PLAN TO RAPIDLY SWITCH OVER TO THE NEW FORMULATIONS. PCV13 IS BEING REMOVED FROM THE FORMULARY AND IS NO LONGER RECOMMENDED
2. Create a Reminder Exchange entry with two reminder definitions:
VA-PNEUMOCOCCAL IMMUNIZATION PCV13
VA-PNEUMOCOCCAL IMMUNIZATION PPSV23
This will ensure you have a backup if you install before your site is ready to start administering the new vaccine

3. Find PPSV23 order currently in use.

- Using the Vista Menu, Reminder Dialog Manager, DI- Reminder Dialog, change view to group view and Inq/Print the reminder dialog group **OI PNEUMOC PPSV23 OUTPT**. You will need to identify the local order or menu used as a finding item and add this order back post install.

4. Do a reminder term inquiry for the following reminder terms for reference post install:

VA-PNEUMOC PPSV23 ORDER SUPPRESSION
VA-STEROID PREDN EQUIV 5-6.6MG
VA-STEROID PREDN EQUIV 6.6-9MG
VA-STEROID PREDN EQUIV 10-19MG
VA-STEROID PREDN EQUIV >=20MG

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_271.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 20 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://[REDACTED]/UPDATE_2_0_271.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_271.PRD

You should see a message at the top of your screen that the file successfully loaded.

https://vaaw.va.gov/reminders/docs/UPDATE_2_0_271.PRD successfully loaded.

Search and locate an entry titled **UPDATE_2_0_271 VA-PNEUMOCOCCAL UPDATE** in reminder exchange

```
549  UPDATE_2_0_271                                03/21/2022@14:26
      VA-PNEUMOCOCCAL UPDATE
550  UPDATE_2_0_272 VA-ATHLETES                    02/22/2022@08:37
      MED INFO TEMPLATE UPDATE
551  UPDATE_2_0_273 VA-PHP                          03/15/2022@04:12
      PERSONAL HEALTH PLAN UPDATE
552  UPDATE_2_0_276 VA-HEPATITIS B                 03/11/2022@12:54
      IMMUNIZATION UPDATE
+ Next Screen  - Prev Screen  ?? More Actions  >>>
IFE Create Exchange File Entry  LHF Load Host File
CHF Create Host File           LMM Load MailMan Message
MM Create MailMan Message      LWH Load Web Host File
DFE Delete Exchange File Entry  RI  Reminder Definition Inquiry
IFE Install Exchange File Entry  RP  Repack
H Installation History
Select Action: Next Screen// IFE Install Exchange File Entry
Enter a list or range of numbers (1-905): 549
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry titled **UPDATE_2_0_271 VA-PNEUMOCOCCAL UPDATE** (in this example it is entry 549, it will vary by site). Make sure the date of the exchange file date is 03/21/2022.

- **OVERWRITE** any REMINDER DEFINITIONS if prompted
- **OVERWRITE** any HEALTH SUMMARY OBJECTS if prompted

You will be prompted to install the dialog component: VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR

```
Packed reminder dialog: VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR [NATIONAL DIA
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR	dialog	X
2	5	VA-TEXT PNEUMOC CONJUGATE HEADER Finding: *NONE*	element	
3	10	VA-GP PNEUMOC PCV INFO Finding: *NONE*	group	
4	10.5	VA-GP PNEUMOC PCV INFO DET Finding: *NONE*	group	
5	10.5.3	VA-PNEUMOC INFO URLS Finding: *NONE*	element	
6	10.5.6	VA-PNEUMOC INFO DETAILS Finding: *NONE*	element	
7	19	VA-TEXT PNEUMOC PCV SYSTEMIC CHEMO MESSAGE	element	
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details		DT	Dialog Text
DF	Dialog Findings		DU	Dialog Usage
DS	Dialog Summary		IA	Install All
IS Install Selected				
QU Quit				
Select Action: Next Screen// IA				

At the **Select Action** prompt, type **IA** to install the dialog – **VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR**

Select Action: Next Screen// **IA Install All**

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

```

Packed reminder dialog: VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR [NATIONAL DIA
VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR (reminder dialog) installed from exch
Item  Seq.  Dialog Findings                                     Type  Exists
  1    VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR          dialog  X
  2    5 VA-TEXT PNEUMOC CONJUGATE HEADER                    element  X
      Finding: *NONE*
  3    10 VA-GP PNEUMOC PCV INFO                             group   X
      Finding: *NONE*
  4    10.5 VA-GP PNEUMOC PCV INFO DET                      group   X
      Finding: *NONE*
  5    10.5.3 VA-PNEUMOC INFO URLS                          element  X
      Finding: *NONE*
  6    10.5.6 VA-PNEUMOC INFO DETAILS                       element  X
      Finding: *NONE*
  7    19 VA-TEXT PNEUMOC PCV SYSTEMIC CHEMO MESSAGE        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**.

You will be prompted to install the dialog component: VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX

```

Packed reminder dialog: VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX [NATIONAL
Item  Seq.  Dialog Findings                                     Type  Exists
  1    VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX          dialog  X
  2    5 VA-TEXT PNEUMOVAX HEADER                            element  X
      Finding: *NONE*
  3    10 VA-GP TEXT PNEUMOC PPSV23 WARNING                 group   X
      Finding: *NONE*
  4    10.4 VA-GP IM PNEUMOC VHA GUIDANCE LINKS             group   X
      Finding: *NONE*
  5    10.4.5 VA-IM PNEUMOC VHA GUIDANCE LINKS             element  X
      Finding: *NONE*
  6    12 VA-TEXT BLANK LINE WITH TEMPLATE FIELD            element  X
      Finding: *NONE*
+      + 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 – **VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX**

Select Action: Next Screen// **IA Install All**

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

```
Packed reminder dialog: VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX [NATIONAL
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX	dialog	X
2	5	VA-TEXT PNEUMOVAX HEADER Finding: *NONE*	element	X
3	10	VA-GP TEXT PNEUMOC PPSV23 WARNING Finding: *NONE*	group	X
4	10.4	VA-GP IM PNEUMOC VHA GUIDANCE LINKS Finding: *NONE*	group	X
5	10.4.5	VA-IM PNEUMOC VHA GUIDANCE LINKS Finding: *NONE*	element	X
6	12	VA-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**.
You will then use the QUIT action to exit the install

Component	Category	Exists
Source:		
Date Packed:		
Package Version: 2.0P71		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER DIALOG		
VA-PNEUMOCOCCAL IMMUNIZATION PPSV23 PNEUMOVAX		
VA-PNEUMOCOCCAL IMMUNIZATION PCV13 PREVNAR		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_271		
REMINDER DEFINITION		
VA-PNEUMOCOCCAL IMMUNIZATION PPSV23		
VA-PNEUMOCOCCAL IMMUNIZATION PCV13		
+ + Next Screen - Prev Screen ?? More Actions >>>		
IA	Install all Components	IS Install Selected Component
Select Action: Next Screen// Q		

Post Installation

1. **Add order identified in pre-install to reminder dialog.** Using the Vista Menu, Reminder Dialog Manager, DI- Reminder Dialog, change view to GROUP view edit the reminder dialog GROUP OI PNEUMOC PPSV23 OUTPT, add the quick order identified in the pre-install as a finding item.
2. **Add order that represents an order for pneumococcal conjugate vaccine to the reminder dialog group** OI PNEUMOC PCV OUTPT SHORT. You will add your local order for PCV 15, PCV20 or a menu with both as an additional finding item.
3. **Review the following reminder terms from the pre-install and update if needed:**
VA-PNEUMOC PPSV23 ORDER SUPPRESSION
4. **Update reminder term VA-PNEUMOC PCV ORDER SUPPRESSION**
If you want to suppress the ordering option in the dialog then follow the instructions for the reminder term VA-PNEUMOC PCV ORDER 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.**

5. **Disable the appropriate reminder dialog groups.** This update will install with the dialog groups to document administration of PCV15, and PCV20, you may disable the group(s) for any vaccine type that your site does not have available to administer.

VA-GP IM PNEUMOC CONJUGATE VACCINE PCV15
VA-GP IM PNEUMOC CONJUGATE VACCINE PCV20

The option to document PCV13 has been disabled. PCV13 is no longer recommended to be used, if your site decides to install this and to give some PCV13 even though it is no longer the recommended vaccine, you need to enable the dialog group GP IM PNEUMOC PCV13 PREVNAR.