



Update_2_0_263

Clinical Reminders

VA-COVID-19 CPRS STATUS VERSION 7

Install Guide

March 2022

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

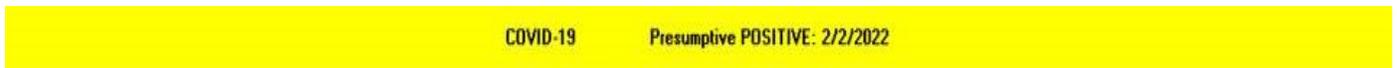
Banner VERSION 7 changes

1. Based on feedback from the field and clinical and lab subject matter expert input an adjustment is being made to the COVID-19 Banner logic. Sites that use PCR tests that can have a result of “Presumptive Positive” have not been able to see this on the banner. This update will provide three options for this result if it is the most recent test. These options will display for 14 days or until a more recent PCR test is resulted.

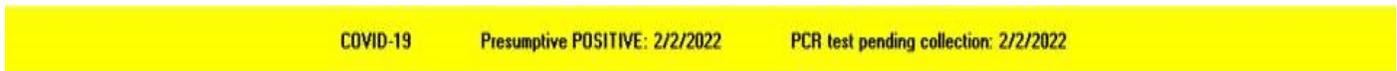
The 3 possible options for display if the test was done in the past 14 days:

- a. Presumptive Positive
- b. Presumptive Positive PCR test pending collection:
- c. Presumptive Positive PCR test collected, results pending:

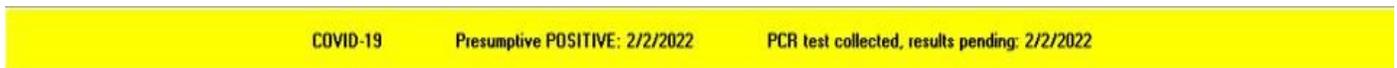
Example of (a)



If a PCR is pending and not received in the lab – as in b. above.



If a PCR is collected by lab but no results are available – as in c. above



Once the PCR is resulted, then that result is what will display instead of the presumptive positive.

2. New CDC guidance recommends that immunocompromised (IC) patients not be removed from isolation without clinical evaluation or 2 negative tests (PCR/NAAT or Antigen). Even though the banner makes NO recommendations for infection control precautions, the concern was raised that automatically converting 'POSITIVE' to 'Prior Positive' for any IC patient could result in a failure to follow necessary precautions.

The banner will now remain in the 'POSITIVE' status for any Immunocompromised patient after a positive test until either: 1) there are 2 negative tests (PCR/NAAT or Antigen) or 2) there is clinical evaluation and an indication that infection has clinically resolved.

A reminder definition is also part of this release. Running a reminder report on this definition will give you the patients for whom the banner will turn POSITIVE with version 7 of the banner and who previously had another status showing.

UPDATE_2_0_263 contains 1 Reminder Exchange entry:

UPDATE_2_0_263 VA-COVID-19 CPRS STATUS VERSION 7

The exchange file contains the following components:

HEALTH FACTORS

- 1 VA-REMINDER UPDATES [C]
- 2 VA-UPDATE_2_0_263
- 3 VA-COVID-19 [C]
- 4 VA-COVID-19 UNK OUTSIDE LAB TEST NEG
- 5 VA-COVID-19 NON PCR AG LAB OUTSIDE NEG
- 6 VA-COVID-19 PCR LAB OUTSIDE NEGATIVE
- 7 VA-COVID-19 UNK OUTSIDE LAB TEST POS
- 8 VA-COVID-19 NON PCR AG LAB OUTSIDE POS
- 9 VA-COVID-19 NO LONGER SUSPECTED
- 10 VA-COVID-19 INCORRECT PRIOR POSITIVE PCR
- 11 VA-COVID-19 RESOLVED
- 12 VA-COVID-19 SUSPECTED
- 13 VA-COVID-19 OUTSIDE PCR SPEC COLLECTED
- 14 VA-COVID-19 PCR LAB OUTSIDE POSITIVE
- 15 VA-COVID-19 LAB OUTSIDE POSITIVE

REMINDER SPONSOR

- 16 NATIONAL CLINICAL REMINDER COMMITTEE
- 17 NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE PREVENTION (NCP)
- 18 VA NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE PREVENTION (NCP)
- 19 POPULATION HEALTH
- 20 OFFICE OF PATIENT CARE SERVICES

REMINDER COMPUTED FINDINGS

- VA-REMINDER DEFINITION
- VA-DATE OF DEATH

REMINDER TAXONOMY

- 21 VA-IMMUNOCOMPROMISED FOR COVID-19 ADDL DOSE
- 22 VA-HIV INFECTION
- 23 LONG TERM SYSTEMIC STEROID
- 24 VA-PNEUMOC DZ RISK - CHEMOTHERAPY
- 25 VA-COVID-19 SNOMED CODES

REMINDER TERM

- 26 VA-REMINDER UPDATE_2_0_263
- 27 VA-COVID-19 OUTSIDE RESULTS NEGATIVE PCR & AG
- 28 VA-COVID-19 PCR/AG LAB RESULTS
- 29 VA-CD4 COUNT
- 30 VA-STEROID PREDN EQUIV 5-6.6MG
- 31 VA-STEROID PREDN EQUIV 6.6-9MG
- 32 VA-STEROID PREDN EQUIV 10-19MG
- 33 VA-STEROID PREDN EQUIV >=20MG
- 34 VA-CHEMO/IMMUNOSUPPRESSIVE DRUGS
- 35 VA-IMMUNOCOMPROMISED FOR COVID-19 BANNER
- 36 VA-COVID-19 PCR LAB RESULTS PRESUMP POSITIVE
- 37 VA-COVID-19 AG LAB RESULTS POSITIVE HF
- 38 VA-COVID-19 AG LAB RESULTS POSITIVE
- 39 VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER
DISPLAY
- 40 VA-SARS-COV-2 VACCINES
- 41 VA-COVID-19 PROB LIST DX
- 42 VA-COVID-19 PCR LAB ORDERS
- 43 VA-COVID-19 CLINICAL INFO
- 44 VA-COVID-19 OUTSIDE RESULTS
- 45 VA-COVID-19 PRESUMED
- 46 VA-COVID-19 ANTIBODY LAB TEST
- 47 VA-COVID-19 NO LONGER PRESUMED
- 48 VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT
- 49 VA-COVID-19 PCR LAB RESULTS POSITIVE
- 50 VA-COVID-19 OUTSIDE PCR LAB POSITIVE
- 51 VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED
- 52 VA-COVID-19 RECOVERED
- 53 VA-COVID-19 OUTSIDE PCR LAB NEGATIVE
- 54 VA-COVID-19 PCR LAB RESULTS NEGATIVE

REMINDER DEFINITION

- 55 VAL-IMMUNOCOMPROMISING DRUGS/LABS/DX FOR COVID-19
- 56 VA-COVID-19 CPRS STATUS
- 57 VAL-COVID-19 POS, IC, NO TESTING x2 OR CLIN EVAL

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_263.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 5 minutes.

Pre-Install

Using the Vista menu, Reminder Term management, Term Inquiry, inquire and save the following reminder terms for reference post install. If you follow the install guide closely, your mapping should be preserved.

1. VA-COVID-19 PCR LAB RESULTS NEGATIVE
2. VA-COVID-19 PCR LAB RESULTS POSITIVE
3. VA-COVID-19 PCR LAB ORDERS
4. VA-COVID-19 PCR/AG LAB RESULTS
5. VA-COVID-19 ANTIBODY LAB TEST
6. VA-COVID-19 AG LAB RESULTS POSITIVE

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                 LHM  Load MailMan Message
CHM  Create MailMan Message           LWH  Load Web Host File
DFE  Delete Exchange File Entry       RI   Reminder Definition Inquiry
IFE  Install Exchange File Entry       RP   Repack
IH   Installation History
Select Action: Next Screen// LWH  Load Web Host File
Input the URL for the .prd file: https://[REDACTED]/UPDATE_2_0_263.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_263.PRD

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

```
https://[REDACTED]/UPDATE_2_0_263.PRD successfully loaded.
```

Search for and locate the reminder exchange entry titled UPDATE_2_0_263 VA-COVID-19 COVID-19 CPRS STATUS VERSION 7.

+Item	Entry	Source	Date Packed
316	UPDATE_2_0_263 VA-COVID-19 CPRS STATUS VERSION 7		03/10/2022@05:53
317	UPDATE_2_0_265 VA-COVID-19 TEMPLATE UPDATES		03/01/2022@08:48
318	UPDATE_2_0_265 VA-COVID-19 TEMPLATE UPDATES		03/01/2022@10:15
319	UPDATE_2_0_266 VA-OEND REMINDER UPDATE		02/24/2022@05:37
320	UPDATE_2_0_27 VA-CHOICE DIALOGS		06/14/2017@11:33

+	+ 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 (1-566): 316				

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
 Enter the number that corresponds with your entry titled **UPDATE_2_0_263 VA-COVID-19 CPRS STATUS VERSION 7** (in this example it is entry 316, it will vary by site) The date on the exchange file should be 03/10/2022.

Do not INSTALL ALL. Follow the screen shots below to only install selected items.

```
Component                                Category  Exists
Source:
Date Packed: 03/10/2022@05:53:07
Package Version: 2.0P71

Description:
The following Clinical Reminder items were selected for packing:
REMINDER TERM
  VA-REMINDER UPDATE_2_0_263

REMINDER DEFINITION
  VA-COVID-19 CPRS STATUS
  VAL-COVID-19 POS, IC, NO TESTING x2 OR CLIN EVAL

Keywords:

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

Select Enter. **Do not** install any items displayed on this screen.

At the **Select Action** prompt, select enter to move to the next screen.

Continue to hit enter at the **Select Action** prompt until you get to the Health Factor Section. These Health Factor Components will have numbers next to them.

```

+ Component Category Exists
COVID-19 (PFIZER), MRNA, LNP-S, PF, 30 MCG/0.3 ML DOSE X
COVID-19 (MODERNA), MRNA, LNP-S, PF, 100 MCG/0.5ML DOSE OR 50 MCG/0.25ML DOSE X

HEALTH FACTORS
1 VA-REMINDER UPDATES [C]
2 VA-UPDATE_2_0_263
3 VA-COVID-19 [C]
4 VA-COVID-19 UNK OUTSIDE LAB TEST NEG
5 VA-COVID-19 NON PCR AG LAB OUTSIDE NEG
6 VA-COVID-19 PCR LAB OUTSIDE NEGATIVE
7 VA-COVID-19 UNK OUTSIDE LAB TEST POS
8 VA-COVID-19 NON PCR AG LAB OUTSIDE POS
9 VA-COVID-19 NO LONGER SUSPECTED
10 VA-COVID-19 INCORRECT PRIOR POSITIVE PCR

+ + Next Screen - Prev Screen ?? More Actions >>>
IA Install all Components IS Install Selected Component
Select Action: Next Screen// IS Install Selected Component
Select Component(s): (1-56): 2

```

Install item 2 from this screen. Ensure to select the correct item number for the VA-UPDATE_2_0_263 health factor.

At the **Select Action** prompt, type IS for install selected Component, you will install component 2

Select Action: Next Screen// IS Install Selected Component
 Select Component(s): (1-56): 2

HEALTH FACTORS entry VA-UPDATE_2_0_263 is NEW, what do you want to do?

- Select one of the following:
- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: // nstall

At the **Select Action** prompt, select enter to move to the next screen.

+	Component	Category	Exists
11	VA-COVID-19 RESOLVED		X
12	VA-COVID-19 SUSPECTED		X
13	VA-COVID-19 OUTSIDE PCR SPEC COLLECTED		X
14	VA-COVID-19 PCR LAB OUTSIDE POSITIVE		X
15	VA-COVID-19 LAB OUTSIDE POSITIVE		X
REMINDER SPONSOR			
16	NATIONAL CLINICAL REMINDER COMMITTEE		X
17	NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE PREVENTION (NCP)		X
18	VA NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE PREVENTION (NCP)		X
19	POPULATION HEALTH		X
20	OFFICE OF PATIENT CARE SERVICES		X
REMINDER COMPUTED FINDINGS			
+	+ Next Screen	- Prev Screen	?? More Actions >>>
IA	Install all Components	IS	Install Selected Component
Select Action: Next Screen/			

Select Enter. **Do not** install any items displayed on this screen.

At the **Select Action** prompt, select enter to move to the next screen.

+	Component	Category	Exists
REMINDER COMPUTED FINDINGS			
	VA-REMINDER DEFINITION		X
	VA-DATE OF DEATH		X
REMINDER TAXONOMY			
21	VA-IMMUNOCOMPROMISED FOR COVID-19 ADDL DOSE		
22	VA-HIV INFECTION		
23	LONG TERM SYSTEMIC STEROID		
24	VA-PNEUMOC DZ RISK - CHEMOTHERAPY		
25	VA-COVID-19 SNOMED CODES		
REMINDER TERM			
26	VA-REMINDER UPDATE_2_0_263		
27	VA-COVID-19 OUTSIDE RESULTS NEGATIVE PCR & AG		X
28	VA-COVID-19 PCR/AG LAB RESULTS		X
29	VA-CD4 COUNT		X
+	+ Next Screen	- Prev Screen	?? More Actions >>>
IA	Install all Components	IS	Install Selected Component
Select Action: Next Screen// IS Install Selected Component			
Select Component(s): (1-57): 26-27			

Install item 26-27 from this screen. Ensure to select the correct item number for the VA-REMINDER UPDATE_2_0_263 and VA-COVID-19 OUTSIDE RESULTS NEGATIVE PCR & AG reminder terms

Select Action: Next Screen// IS Install Selected Component
 Select Component(s): (1-56): 26-27

+	Component	Category	Exists
30	VA-STEROID PREDN EQUIV 5-6.6MG		X
31	VA-STEROID PREDN EQUIV 6.6-9MG		X
32	VA-STEROID PREDN EQUIV 10-19MG		X
33	VA-STEROID PREDN EQUIV >=20MG		X
34	VA-CHEMO/IMMUNOSUPPRESSIVE DRUGS		
35	VA-IMMUNOCOMPROMISED FOR COVID-19 BANNER		
36	VA-COVID-19 PCR LAB RESULTS PRESUMP POSITIVE		
37	VA-COVID-19 AG LAB RESULTS POSITIVE HF		
38	VA-COVID-19 AG LAB RESULTS POSITIVE		
39	VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER DISPLAY		
40	VA-SARS-COV-2 VACCINES		
41	VA-COVID-19 PROB LIST DX		
42	VA-COVID-19 PCR LAB ORDERS		
43	VA-COVID-19 CLINICAL INFO		X
44	VA-COVID-19 OUTSIDE RESULTS		X
+ + Next Screen - Prev Screen ?? More Actions >>>			
IA	Install all Components	IS	Install Selected Component
Select Action: Next Screen// IS Install Selected Component			
Select Component(s): (1-57): 35-36			

Install item 35-36 from this screen. Ensure to select the correct item number for the VA-IMMUNOCOMPROMISED FOR COVID-19 BANNER and VA-COVID-19 PCR LAB RESULTS PRESUMP POSITIVE reminder terms

Select Action: Next Screen// IS Install Selected Component
 Select Component(s): (1-56): 35-36

At the **Select Action** prompt, select enter to move to the next screen.
 REMINDER TERM entry VA-IMMUNOCOMPROMISED FOR COVID-19 BANNER is NEW, what do you want to do?

- Select one of the following:
- C Create a new entry by copying to a new name
 - I Install
 - Q Quit the install
 - S Skip, do not install this entry

Enter response: **// nstall**

REMINDER TERM entry VA-COVID-19 PCR LAB RESULTS PRESUMP POSITIVE is NEW, what do you want to do?

- Select one of the following:
- C Create a new entry by copying to a new name
 - I Install
 - Q Quit the install

S Skip, do not install this entry
Enter response: **/// **nstall****

At the **Select Action** prompt, select enter to move to the next screen.

+	Component	Category	Exists
45	VA-COVID-19 PRESUMED		X
46	VA-COVID-19 ANTIBODY LAB TEST		X
47	VA-COVID-19 NO LONGER PRESUMED		X
48	VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT		X
49	VA-COVID-19 PCR LAB RESULTS POSITIVE		X
50	VA-COVID-19 OUTSIDE PCR LAB POSITIVE		X
51	VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED		X
52	VA-COVID-19 RECOVERED		X
53	VA-COVID-19 OUTSIDE PCR LAB NEGATIVE		X
54	VA-COVID-19 PCR LAB RESULTS NEGATIVE		X
REMINDER DEFINITION			
55	VAL-IMMUNOCOMPROMISING DRUGS/LABS/DX FOR COVID		X
56	VA-COVID-19 CPRS STATUS		X
57	VAL-COVID-19 POS, IC, NO TESTING x2 OR CLIN EVAL		X

+ Next Screen - Prev Screen ?? More Ac

IA Install all Components IS Install selected component

Select Action: Quit// IS Install Selected Component

Select Component(s): (1-57): 56-57

Use IS for items 56-57.

INSTALL items 56-57. You will OVERWRITE reminder definition VA-COVID-19 CPRS STATUS. For reminder definition VAL-COVID-19 POS, IC, NO TESTING x2 OR CLIN EVAL, you will INSTALL (unless you do not plan on creating a list of patients discussed in the introduction). If not, you will only OVERWRITE item 56

REMINDER DEFINITION entry VA-COVID-19 CPRS STATUS 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
- Q Quit the install
- S Skip, do not install this entry
- O Overwrite

Enter response: **O//** Overwrite

REMINDER DEFINITION entry VAL-COVID-19 POS, IC, NO TESTING x2 OR CLIN EVAL is NEW,

what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: I// nstall

You will be returned to this screen. Type Q to quit.

+	Component	Category	Exists
45	VA-COVID-19 PRESUMED		X
46	VA-COVID-19 ANTIBODY LAB TEST		X
47	VA-COVID-19 NO LONGER PRESUMED		X
48	VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT		X
49	VA-COVID-19 PCR LAB RESULTS POSITIVE		X
50	VA-COVID-19 OUTSIDE PCR LAB POSITIVE		X
51	VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED		X
52	VA-COVID-19 RECOVERED		X
53	VA-COVID-19 OUTSIDE PCR LAB NEGATIVE		X
54	VA-COVID-19 PCR LAB RESULTS NEGATIVE		X
REMINDER DEFINITION			
55	VAL-IMMUNOCOMPROMISING DRUGS/LABS/DX FOR COVID-19		X
56	VA-COVID-19 CPRS STATUS		X
57	VAL-COVID-19 POS, IC, NO TESTING x2 OR CLIN EVAL		X
+ Next Screen - Prev Screen ?? More Actions >>>			
IA	Install all Components	IS	Install Selected Component
Select Action: Quit// QUIT			

Install Completed

Post Installation

Review the following terms from the pre-install and edit to add your local items if needed, if you only installed the components in the install instructions, no changes should be needed:

1. **VA-COVID-19 PCR LAB RESULTS NEGATIVE**
This term should only contain lab test (LT) findings for COVID-19 PCR lab tests
2. **VA-COVID-19 PCR LAB RESULTS POSITIVE**
This term should only contain lab test (LT) findings for COVID-19 PCR lab tests
3. **VA-COVID-19 PCR LAB ORDERS**
This term should only contain orderable items (OI) findings for COVID-19 PCR lab test orderable items
4. **VA-COVID-19 PCR/AG LAB RESULTS**
This term should only contain lab test (LT) findings for COVID-19 PCR and COVID-19 Antigen lab tests
5. **VA-COVID-19 ANTIBODY LAB TEST**

This term should only contain lab test (LT) findings for COVID-19
ANTIBODY Tests

6. VA-COVID-19 AG LAB RESULTS POSITIVE

This term should only contain lab test (LT) findings for COVID-19 antigen
tests

There IS ONE new reminder term that can be mapped

1. VA-COVID-19 PCR LAB RESULTS PRESUMP POSITIVE

Add your local lab test (LT) findings for COVID-19 tests that can have a
result of PRESUMPTIVE POSITIVE.

You will need to check with your Laboratory AdPac and confirm what tests
IF ANY need to be mapped here. Not all sites have COVID-19 PCR
laboratory tests that include a result of PRESUMPTIVE POSITIVE.