Update_2_0_207

Clinical Reminders

VA-COVID-19 UPDATE
Install Guide

May 2021

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

DESCRIPTION:
The following updates/improvements are being made to VA-COVID-19 CPRS templates and banner.

1. VA-COVID-19 PREVENTIVE HEALTH INVENTORY update to include verbal consent clarification
    Before:

    After:

2. VA-COVID-19 PREVENTIVE HEALTH INVENTORY update to include COVID-19 VACCINE ACTIONS if no vaccine has been recorded
    New section will display below scheduled appointments:

    If the patient has had the vaccine, it is available for display, the note will indicate the patient had a prior vaccination without the details:

3. VA-SCREEN COVID update to include "Unable to Answer" option
Before:

After:

4. Banner logic – update FF119 to allow comparison between lab PCR and outside negative PCR tests
Before:
FI(2)&(FI(16)!FI(19))&'((MRD(2)<MRD(4,5,6,7,9,10,11,14)))&(MRD(16,19)>MRD(2))
After:
FI(2)&(FI(16)!FI(19))&'((MRD(2)<MRD(1,4,5,6,7,9,10,11,14)))&(MRD(16,19)>MRD(2))

UPDATE_2_0_207 contains 1 Reminder Exchange entry:
        UPDATE_2_0_207 VA-COVID-19 UPDATE

The exchange file contains the following components:

TIU TEMPLATE FIELD
        VA-COVID ACCEPT
        IM SARS COV-2 OUTSIDE WARNING2
        VA-COVID CDC

HEALTH FACTORS

  VA-REMINDER UPDATES
  VA-UPDATE_2_0_207
  IMMUNIZATION
  VA-SARS-COV-2 VACCINE REFUSAL
  VA-SARS-COV-2 VACCINE INTEREST
  COVID-19 VERBAL REPORT COVID VACCINE
  VA-TRAVEL SCREEN [C]
  VA-COVID SCREEN NEGATIVE
  VA-COVID SCREEN POSITIVE
  VA-COVID-19 PRIOR DIAGNOSIS
  VA-COVID-19
  VA-COVID WAITING TEST RESULTS
  VA-EXPOSURE TO COVID NO
  VA-EXPOSURE TO COVID YES
  VA-EXPOSURE TO FEVER/RESP ILL 14D
  VA-COVID-19 NO SYMPTOMS
  VA-SYMPTOM VOMITING
  VA-SYMPTOM SORE THROAT
  VA-SYMPTOM SHORTNESS OF BREATH
  VA-SYMPTOM RUNNY NOSE
  VA-SYMPTOM NAUSEA
  VA-SYMPTOM MUSCLE PAIN
  VA-SYMPTOM LOSS OF TASTE OR SMELL
  VA-SYMPTOM HEADACHE
  VA-SYMPTOM FEVER
  VA-SYMPTOM FATIGUE
  VA-SYMPTOM DIARRHEA
  VA-SYMPTOM COUGH
  VA-SYMPTOM CHILLS
  VA-COVID-19 UNABLE TO ANSWER SCREEN
  VA-COVID-19 UNK OUTSIDE LAB TEST POS
  VA-COVID-19 NON PCR AG LAB OUTSIDE POS
  VA-COVID-19 NO LONGER SUSPECTED
  VA-COVID-19 INCORRECT PRIOR POSITIVE PCR
  VA-COVID-19 RESOLVED
  VA-COVID-19 SUSPECTED
  VA-COVID-19 UNK OUTSIDE LAB TEST NEG
  VA-COVID-19 NON PCR AG LAB OUTSIDE NEG
  VA-COVID-19 OUTSIDE PCR SPEC COLLECTED
  VA-COVID-19 PCR LAB OUTSIDE NEGATIVE
  VA-COVID-19 PCR LAB OUTSIDE POSITIVE
  VA-COVID-19 LAB OUTSIDE POSITIVE

REMINDER SPONSOR
    NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE PREVENTION (NCP)

REMINDER TAXONOMY
    VA-COVID-19 SNOMED CODES

REMINDER TERM
    VA-REMINDER UPDATE_2_0_207
    VA-COVID-19 IMMUNIZATION BL
    VA-COVID-19 AG LAB RESULTS POSITIVE HF
    VA-COVID-19 AG LAB RESULTS POSITIVE
    VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER
    DISPLAY
    VA-SARS-COV-2 VACCINES
    VA-COVID-19 PROB LIST DX
    VA-COVID-19 PCR LAB ORDERS
    VA-COVID-19 CLINICAL INFO
    VA-COVID-19 OUTSIDE RESULTS
    VA-COVID-19 PRESUMED
    VA-COVID-19 ANTIBODY LAB TEST
    VA-COVID-19 PCR/AG LAB RESULTS
    VA-COVID-19 NO LONGER PRESUMED
    VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT
    VA-COVID-19 PCR LAB RESULTS POSITIVE
    VA-COVID-19 OUTSIDE PCR LAB POSITIVE
    VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED
    VA-COVID-19 RECOVERED
    VA-COVID-19 OUTSIDE PCR LAB NEGATIVE
    VA-COVID-19 PCR LAB RESULTS NEGATIVE

REMINDER DEFINITION
    VA-COVID-19 CPRS STATUS

HEALTH SUMMARY TYPE
    SARS-COV-2 IMMUNIZATION
    FUTURE CLINIC VISITS (ALL)

HEALTH SUMMARY OBJECTS
    SARS-COV-2 IMMUNIZATION (TIU)
    FUTURE CLINIC VISITS (TIU)

TIU DOCUMENT DEFINITION
    SARS-COV-2 IMMUNIZATION
    FUTURE CLINIC VISITS

REMINDER DIALOG
VA-GP COVID-19 UPDATE MAY 2021
VA-SCREEN COVID

Pre-Install

1. Using the Vista menu Reminder Dialog Manager, Reminder Dialog, change your view to GROUP and choose inquire/print for the reminder dialog group, VAL-COVID LOCAL GROUP.

    Using the Vista menu Reminder Dialog Manager, Reminder Dialog, change your view to ELEMENT and choose inquire/print for the reminder dialog element VAL-COVID-19 PHI NEXT APPOINTMENT. Review the dialog text as you may have to add your local data object back post install.

    Save this info for the post install, it will make adding information back post -install easier if your site has made local edits. Not all sites will have made local edits to these dialog groups.

2. 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 and skip the items if prompted to overwrite, your mapping should be preserved.
    a. VA-COVID-19 PCR LAB RESULTS NEGATIVE
    b. VA-COVID-19 PCR LAB RESULTS POSITIVE
    c. VA-COVID-19 PCR LAB ORDERS
    d. VA-COVID-19 PCR/AG LAB RESULTS
    e. VA-COVID-19 ANTIBODY LAB TEST
    f. VA-COVID-19 AG LAB RESULTS POSITIVE
    g. VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER DISPLAY

Install Details

Installation:
=============
This update can be loaded with users on the system. Installation will take less than 5 minutes. You will need to allow additional time for the pre and post install steps.

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

https://REDACTED/UPDATE_2_0_207.PRD

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

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 Definitios
DFE  Delete Exchange File Entry                      LWH  Load Web Host File
IFE  Install Exchange File Entry                     RI   Reminder Definition Inqy
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_207.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_207.PRD

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

```
https://[          ]/UPDATE_2_0_207.PRD successfully loaded.
```

Search and locate an entry titled **UPDATE_2_0_207 VA-COVID-19 UPDATE** in reminder exchange.

```
+Item   Entry                          Source              Date Packed
 194   UPDATE_2_0_207 VA-COVID-19                          05/11/2021@10:23
       UPDATE
 195   UPDATE_2_0_21 VA-BATTLEFIELD                        04/18/2017@05:39
       ACUPUNCTURE
 196   UPDATE_2_0_22 VA-GATEWAY TO                         05/12/2017@09:36
       HEALTHY LIVING
 197   UPDATE_2_0_23 VA-NALOXONE USE                       08/18/2017@05:23
 198   UPDATE_2_0_23 VA-NALOXONE USE                       08/25/2017@06:21
 199   UPDATE_2_0_23 VA-NALOXONE USE                       10/13/2017@12:09
 200   UPDATE_2_0_24 MISC UPDATE 3                         05/08/2017@04:44
+           + 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 (1-445): 194
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry **UPDATE_2_0_207 VA-COVID-19 UPDATE** *(in this example it is entry 194 it will vary by site).* The date of the exchange file should be 05/11/2021.

```
     Component                                        Category      Exists
Source:
Date Packed: 05/11/2021@10:23:59
Package Version: 2.0P46

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-SCREEN COVID
  VA-GP COVID-19 UPDATE MAY 2021

REMINDER TERM
  VA-REMINDER UPDATE_2_0_207

REMINDER DEFINITION
  VA-COVID-19 CPRS STATUS

+          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.
Select Action: Next Screen// IA   Install all Components
You will see several prompts, for all new entries you will choose **I to Install**

For components that already exists but the packed component is different (except the reminder definition), you will choose **S to Skip**

There is one exception, for the reminder definition VA-COVID-19 CPRS STATUS you should overwrite

REMINDER DEFINITION entry named **VA-COVID-19 CPRS STATUS** already 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
            O   Overwrite the current entry
            U   Update
            Q   Quit the install
            S   Skip, do not install this entry
Enter response: O// verwrite the current entry
Are you sure you want to overwrite? N// Y

**You will be prompted to install the FIRST reminder dialog component –
You will choose to install all even though some components may have
an X to indicate that they exist.**

```
Packed reminder dialog: VA-GP COVID-19 UPDATE MAY 2021 [NATIONAL DIALOG]

 Item   Seq. Dialog Findings                                Type      Exists
   1       VA-GP COVID-19 UPDATE MAY 2021                    group
              Finding: *NONE*

   2     5 VA-TH VVC TELEPHONE TRIAGE LOCATION CONFIRMED     element      X
         CONSENT
              Finding: *NONE*

   3     15 VA-COVID-19 CLC SCREEN RESULT                    group        X
              Finding: *NONE*
   4     15.5 VA-COVID-19 CLC SCREEN RESULT POSITIVE         element      X
              Finding: VA-COVID SCREEN POSITIVE (HEALTH FACTOR)            X
   5     PXRM COMMENT                                        prompt       X
   6     VA-COVID-19 CLC RN NOTIFIED                         prompt       X
   7     VA-COVID-19 CLC PROVIDER NOTIFIED                   prompt       X
   8     15.10 VA-COVID-19 CLC SCREEN RESULT NEGATIVE        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 the dialog – **VA-GP COVID-19 UPDATE
MAY 2021**
Select Action: Next Screen// IA   Install All
Install reminder dialog and all components with no further changes: Y// Yes

```
Packed reminder dialog: VA-GP COVID-19 UPDATE MAY 2021 [NATIONAL DIALOG]
VA-GP COVID-19 UPDATE MAY 2021 (group) installed from exchange file.
 Item   Seq. Dialog Findings                                Type      Exists
   1       VA-GP COVID-19 UPDATE MAY 2021                    group        X
              Finding: *NONE*

   2     5 VA-TH VVC TELEPHONE TRIAGE LOCATION CONFIRMED     element      X
         CONSENT
              Finding: *NONE*

   3     15 VA-COVID-19 CLC SCREEN RESULT                    group        X
              Finding: *NONE*
   4     15.5 VA-COVID-19 CLC SCREEN RESULT POSITIVE         element      X
              Finding: VA-COVID SCREEN POSITIVE (HEALTH FACTOR)            X
   5     PXRM COMMENT                                        prompt       X
   6     VA-COVID-19 CLC RN NOTIFIED                         prompt       X
   7     VA-COVID-19 CLC PROVIDER NOTIFIED                   prompt       X
   8     15.10 VA-COVID-19 CLC SCREEN RESULT NEGATIVE        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
```

After completing this dialog install, you will type Q.

You will be prompted to install the next reminder dialog component – You will choose to install all even though some components may have an X to indicate that they exist.

```
Packed reminder dialog: VA-SCREEN COVID [NATIONAL DIALOG]

 Item   Seq. Dialog Findings                                    Type     Exists
   1      VA-SCREEN COVID                                        dialog      X

   2    5 VA-COVID SCREEN VERSION                                element     X
             Finding: *NONE*

   3    10 VA-GP TRAVEL SCREEN ALL OPTIONS                       group
             Finding: *NONE*
   4    10.10 VA-GP COVID SCREEN COMPLETE                        group
             Finding: *NONE*
   5    10.10.10 VA-GP COVID SYMPTOMS AND TRAVEL                 group       X
             Finding: *NONE*
   6    10.10.10.5 VA-GP COVID UPDATED SCREENING QUESTIONS       group       X
             Finding: *NONE*
   7    10.10.10.5.5 VA-COVID SYMPTOM CHILLS                     element     X
             Finding: VA-SYMPTOM CHILLS (HEALTH FACTOR)                      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 – **VA-SCREEN COVID**
Select Action: Next Screen// IA   Install All
Install reminder dialog and all components with no further changes: Y// Yes

```
Packed reminder dialog: VA-SCREEN COVID [NATIONAL DIALOG]
VA-SCREEN COVID (reminder dialog) installed from exchange file.
 Item   Seq. Dialog Findings                                    Type     Exists
   1      VA-SCREEN COVID                                        dialog      X

   2    5 VA-COVID SCREEN VERSION                                element     X
             Finding: *NONE*

   3    10 VA-GP TRAVEL SCREEN ALL OPTIONS                       group       X
             Finding: *NONE*
   4    10.10 VA-GP COVID SCREEN COMPLETE                        group       X
             Finding: *NONE*
   5    10.10.10 VA-GP COVID SYMPTOMS AND TRAVEL                 group       X
             Finding: *NONE*
   6    10.10.10.5 VA-GP COVID UPDATED SCREENING QUESTIONS       group       X
             Finding: *NONE*
   7    10.10.10.5.5 VA-COVID SYMPTOM CHILLS                     element     X
             Finding: VA-SYMPTOM CHILLS (HEALTH FACTOR)                      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
```

After completing this dialog install, you will type Q.

```
      Component                                          Category      Exists
Source:
Date Packed: 05/11/2021@10:23:59
Package Version: 2.0P46

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-SCREEN COVID
  VA-GP COVID-19 UPDATE MAY 2021

REMINDER TERM
  VA-REMINDER UPDATE_2_0_207

REMINDER DEFINITION
  VA-COVID-19 CPRS STATUS

+          + 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 **<u>Select Action</u>** prompt, type <mark>Q.</mark>

At the end of installation, you may see one or more messages similar to the one below, no action is needed:

> Changing pointers to category health factor IMMUNIZATION
> to point to IMMUNIZATION [C] and deleting IMMUNIZATION

Install complete.

Post Installation

1. **Open/review the COVID-19 Screen Template (VA-SCREEN COVID) and confirm the version is 8.1 and that you see the unable to screen option.**

2. **Open/review the VA-COVID-19 PREVENTIVE HEALTH INVENTORY and confirm the new immunization section displays after the scheduled appointment.**

3. **Add local content to reminder dialog groups and elements if needed. (Optional)**

   Review the pre-install for the reminder dialog group, VAL-COVID LOCAL GROUP and make any changes that are appropriate for your site

   Review the pre-install dialog text in group VAL-COVID-19 PHI NEXT APPOINTMENT as you may have to add your local data object back to the dialog text.

4. **Review the following terms from the pre-install** and edit to add your local items if needed, if you followed the install guide closely during the installation and skipped the terms, 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 local lab test (LT) findings for COVID-19 antigen tests
7. **VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER DISPLAY**
   This term is optional for use and should contain only orderable Items (OI) findings.