Update _2_0_99

Clinical Reminders

VA-Emergency Department Triage Update

Install Guide

November 2019

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

Description:

The Emergency Department Triage national template was updated to add the following items:
1. *Name was updated to include Urgent Care*
2. *For female patients only, there is a new option in the vitals section to document LMP.*
3. *Patient Specific was set to True at the dialog level*
4. *For Pulse Ox, there are additional options to indicate room air or oxygen*
5. *A new travel question was added*
6. *The suicide screen section was updated to use the C-SSRS as the primary screen*

There is still an option to add local components to the end of this dialog. For sites that made multiple modifications, you will need to re-do these modifications post install.

Screen cap of changes – this is a female patient – for a male patient the LNMP question in the vitals section would not display

```
Emergency Department/Urgent Care Triage Version 2.2

Emergency Department/Urgent Care Center Triage


 Patient age:109      Sex: MALE
 On arrival patient was: *☐ AMBULATORY     ☐ STRETCHER     ☐ WHEELCHAIR     ☐ AMBULANCE
 Patient phone number: PATIENT PHONE
 Allergies: PEACHES


 Subjective/Chief Complaint:
 ┌──────────────────────────────────────────────┐
 │                                              │
 └──────────────────────────────────────────────┘

 Objective:
 ┌──────────────────────────────────────────────┐
 │                                              │
 │                                              │
 │                                              │
 │                                              │
 └──────────────────────────────────────────────┘

 Fall Risk:*
   ○ Yes
   ○ No

Vital Signs *

     ☐ Vitals not taken
     ☐ Temperature
     ☐ Pulse
     ☐ Respirations
     ☐ Blood Pressure
     ☐ Pain Scale Score
     ☐ Pulse Oximetry  [    ] ○ Room Air ○ Oxygen  [    ] ○ L/Min  [            ▼]
     ☐ Height
     ☐ Weight
     ☐ Last normal menstrual period (LNMP): [        ] [...] ○ Post-menopausal ○ Post hysterectomy ○ Pregnant
       [                    ]

Emergency Severity Index (ESI) level*

     ○ Level 1
     ○ Level 2
     ○ Level 3
     ○ Level 4
     ○ Level 5


Current Medications:    No data available

Current Problems: ACTIVE PROBLEMS

Travel Screen:
Have you or a close contact traveled outside the United States in the past 21 days?*

     ○ No
     ○ Yes
     ○ Unable to answer

Suicide Screen:*

     ○ Complete Suicide Screen
     ○ Unable to answer
```

Expanded Travel Screen:

```
Travel Screen:
Have you or a close contact traveled outside the United States in the past 21 days?*

    ☐ No
    ☑ Yes
       Country/Countries: * [_____]
       Symptoms:*
              ☐ Fever with/without chills >100.0 F/38.0 C
              ☐ Nausea, vomiting, diarrhea, abdominal pain
              ☐ Unexpected bleeding or bruising
              ☐ Muscle or joint pain
              ☐ Red or purple rash or spots under the skin
              ☐ Eye infection, red eyes, fluid from eyes
              ☐ Headache
              ☐ Shortness of breath and cough
              ☐ No symptoms present
    ☐ Unable to answer
```

Expanded Suicide Screen Section:

```
Suicide Screen:*

    ☑ Complete Suicide Screen
       Columbia Suicide Severity Rating Scale (C-SSRS) screener
          [ Perform C-SSRS * ]
       Once completed, the C-SSRS screener with any positive answers that require a same-day Comprehensive Suicide Risk
        Evaluation will be indicated both in a pop-up window and in progress note text
          ☐ Patient had a C-SSRS that was positive.  Warm handoff for CSRE.
    ☑ Unable to answer  Comment: * [_____]
```

UPDATE_2_0_99 contains 1 Reminder Exchange entry:
      UPDATE_2_0_99 VA-EMERGENCY DEPARTMENT TRIAGE UPDATE

The exchange file contains the following components:

TIU TEMPLATE FIELD
      ED BLANK 3
      ARRIVAL MODE 10-10 (2)
      TWO LINES LONG
      WORD PROCESSING

HEALTH FACTORS
      VA-REMINDER UPDATES
      VA-UPDATE_2_0_99

VA-ED TRIAGE [C]
VA-ED TRIAGE SI UNABLE TO ANSWER
MENTAL HEALTH
VA-WARM HANDOFF C-SSRS POSITIVE
VA-ED ESI CATEGORY 5
VA-ED ESI CATEGORY 4
VA-ED ESI CATEGORY 3
VA-ED ESI CATEGORY 2
VA-ED ESI CATEGORY 1
VA-ED NURSING TRIAGE NEGATIVE FALL RISK
VA-ED NURSING TRIAGE POSITIVE FALL RISK

REMINDER SPONSOR
Mental Health Services
Office of Mental Health Services

REMINDER TERM
VA-REMINDER UPDATE_2_0_99

REMINDER DIALOG
VA-EMERGENCY DEPARTMENT TRIAGE
VA-EMERGENCY DEPARTMENT SI FOLLOWUP

Install Details

This update is being distributed as a web host file. The address for the host file is:
http://vista.med.va.gov/reminders/UPDATE_2_0_99.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 15 minutes.

Pre-Install

In reminder dialog manager, dialog view, locate the reminder dialog VA-EMERGENCY
DEPARTMENT TRIAGE and use the action INQ Inquiry/Print to print and save the existing
dialog information prior to install. This will make re-doing any local modifications post install
easier.

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: http://vista.med.va.gov/reminders/UPDATE_2_0_99.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:
http://vista.med.va.gov/reminders/UPDATE_2_0_99.PRD

```
http://vista.med.va.gov/reminders/UPDATE_2_0_99.PRD successfully loaded.
```

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

Search and locate an entry titled **UPDATE_2_0_99 VA-EMERGENCY DEPARTMENT TRIAGE NOTE UPDATE** in reminder exchange.

```
+Item   Entry                           Source                Date Packed
  198   UPDATE_2_0_99 VA-EMERGENCY       GRIFFITH@SALT LAKE CI 11/14/2019@08:10
        DEPARTMENT TRIAGE UPDATE
  199   V7-HIV SCREENING (2012)          MURPHY@ATLANTA VAMC   01/09/2019@14:51
  200   V7-HIV SCREENING (2012)          GRIFFITH@ZZ ALBANY    01/10/2019@06:25
  201   V7-HIV SCREENING (2012)          GRIFFITH@ZZ ALBANY    01/10/2019@08:54
  202   VA BRANCHING LOGIC REMINDER      VOLPP@NORTHERN CAL    09/13/2010@11:42
        UPDATES OEF/OIF
  203   VA MH SCREENING REMINDERS        VOLPP@NORTHERN CAL    09/13/2010@11:36
        UPDATE
  204   VA VACO TRANSPLANT REFERRAL      ROZELLE@N. FLORIDA/S  11/14/2011@13:37
+              + 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 (1-308): 198
```

At the **Select Action** prompt, enter IFE for Install Exchange File Entry
Enter the number that corresponds with your entry titled **UPDATE_2_0_99 VA-EMERGENCY DEPARTMENT TRIAGE UPDATE** *(in this example it is entry 198 it will vary by site)*

```
        Component                                              Category      Exists
Source:        GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 11/14/2019@08:10:04
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-EMERGENCY DEPARTMENT TRIAGE

REMINDER TERM
  VA-REMINDER UPDATE_2_0_99
Non-exchangeable TIU object(s):
------------------------------------------------------------------------
TIU Object: PATIENT AGE
Object Method: S X=$$AGE^TIULO(DFN)

+           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// <mark>IA   Install all Components</mark>

You will see several prompts, for all new entries you will choose <mark>I to Install</mark>

You will be promped to install the reminder dialog component, you will choose IA to install all even if there is an X in the exists column, the components have been updated and need to be reinstalled:

```
Packed reminder dialog: VA-EMERGENCY DEPARTMENT TRIAGE

 Item  Seq. Dialog Findings                          Type       Exists
   1       VA-EMERGENCY DEPARTMENT TRIAGE            dialog        X

   2     2 VA-EMERGENCY DEPARTMENT TRIAGE NOTE VERSION   element    X
            Finding: *NONE*

   3     5 VA-GP ED TRIAGE PART 1                     group        X
            Finding: *NONE*
   4   5.5 VAL-TXT ED ESI HEADER ESI                element        X
            Finding: *NONE*
   5  5.10 VA-EL ED TRIAGE ED SUBJECTIVE/CC          element        X
            Finding: *NONE*
   6  5.15 VA-ED SEVERITY INDEX SO                   element        X
            Finding: *NONE*
   7  5.20 VA-ED NURSING TRIAGE HRF FALL RISK        group        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-EMERGENCY DEPARTMENT TRIANGE**

Select Action: Next Screen// <mark>IA   Install All</mark>

All dialog components for **VA-EMERGENCY DEPARTMENT TRIAGE** are new.

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

```
Packed reminder dialog: VA-EMERGENCY DEPARTMENT TRIAGE
VA-EMERGENCY DEPARTMENT TRIAGE (reminder dialog) installed from exchange file.
 Item  Seq. Dialog Findings                                  Type      Exists
    1      VA-EMERGENCY DEPARTMENT TRIAGE                     dialog      X

    2    2 VA-EMERGENCY DEPARTMENT TRIAGE NOTE VERSION        element     X
            Finding: *NONE*

    3    5 VA-GP ED TRIAGE PART 1                             group       X
            Finding: *NONE*
    4    5.5 VAL-TXT ED ESI HEADER ESI                        element     X
            Finding: *NONE*
    5    5.10 VA-EL ED TRIAGE ED SUBJECTIVE/CC                element     X
            Finding: *NONE*
    6    5.15 VA-ED SEVERITY INDEX SO                         element     X
            Finding: *NONE*
    7    5.20 VA-ED NURSING TRIAGE HRF FALL RISK              group       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// Q
```

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

```
         Component                                    Category      Exists
Source:      GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 11/14/2019@08:10:04
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-EMERGENCY DEPARTMENT TRIAGE

REMINDER TERM
  VA-REMINDER UPDATE_2_0_99
Non-exchangeable TIU object(s):
---------------------------------------------------------------------------
TIU Object: PATIENT AGE
Object Method: S X=$$AGE^TIULO(DFN)

+           Enter ?? for more actions                                   >>>
IA   Install all Components              IS   Install Selected Component
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.**

Install complete.

Post Installation

1. Open the template and confirm that the version number at the top of the screen says 2.3
2. Insert your local data objects into the dialog. You can use your pre-install inquiry to assist you in what edits to make. You will use the reminder dialog manager menu, reminder dialogs, and then change your view to Dialog view. Search for and open the VA-EMERGENCY DEPARTMENT TRIAGE template, after you open the template, search for and edit the following components.

a. Insert your local objects for patient age, patient sex, patient phone number and allergies into the dialog text of element **VAL-TXT ED ESI HEADER ESI.** This element contains objects that may work in your system so review first to see if you need to replace.

b. Replace the text 'ACTIVE PROBLEMS" with your local data object that represents active problems in reminder dialog element **VAL-ED TXT TRIAGE COMPREHENSIVE**. Also confirm that the object active medications in this element is appropriate for your facility and update if needed.

c. If you have a data object for today's vitals, you can add that to the dialog text in group **VAL-GP ED VITALS TRIAGE**. Add your data object after the heading for vital signs in the dialog text. This is optional for sites that may have already completed vital signs before opening the template.

3. Add local reminder dialog groups and elements if needed – OPTIONAL. You can use your pre-install inquiry to assist you in what edits to make. If you had added a travel screen or suicide screen to this reminder dialog group, you should not need to add it after installing this version of the dialog that includes a travel screen.

a. The emergency department triage template was built with the standard items needed for triage included, for sites that require additional content in their ED triage note, you can add local groups and elements to the local reminder dialog group **VAL-GP ED TRIAGE PLACEHOLDER** using the reminder dialog editor. Work with your local Emergency Department nursing staff to identify any additional content that your site would require.

NOTE: If you require further technical assistance, if there are any questions or problems during the installation, please notify your local IT support to log a national help desk ticket or contact the VA Service Desk and have them submit a national ticket to:
   Category: Affected Service
   Affected Service: VistA – CPRS:Clinical Reminders
   Assignment Group: NTL SUP Clin 2