



Update _2_0_311

Clinical Reminders

VA-CYSTATIN C SCREEN

Install Guide

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Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

Description:

This update contains a new cover sheet clinical reminder VA-CYSTATIN C SCREEN that will be used to assist the user in the consideration of ordering a Cystatin C with eGFR for an accurate assessment of renal function if the patient has one of the following:

- New CKD with an eGFR 45-59 mL/min/1.73 m²
 - a. New CKD with most recent eGFR 45-59 mL/min/1.73 m²
 - b. No values >60 in the past 90 days
 - c. No values between 45-59 with a lookback starting at 180 days to 2 years.

- Decreased muscle mass:(i.e. Above knee amputation, Progressive neurodegenerative disorder (e.g. ALS))

- Severe malnutrition

- Paraplegia/Quadriplegia

- BMI greater than 40 kg/m²

DUE ANNUALLY for patients with Decreased muscle mass and/or BMI >40.

DUE ONCE for patients with a new CKD w/eGFR 45-59ml/min/1.73m²

DUE ONCE for patients with Above knee amputation

UPDATE_2_0_311 contains 1 Reminder Exchange entry:
UPDATE_2_0_311 VA-CYSTATIN C SCREEN

The exchange file contains the following components:

REMINDER GENERAL FINDINGS

VIEW PROGRESS NOTE TEXT

HEALTH FACTORS

VA-REMINDER UPDATES [C]

VA-UPDATE_2_0_311

VA-CYSTATIN C [C]

VA-CYSTATIN C OTHER REASON NOT ORDERED

VA-CYSTATIN C NOT CLINICALLY INDICATED

VA-CYSTATIN C WAITING FOR NON-VA RESULTS

VA-CYSTATIN C DONE AT NON-VA
VA-CYSTATIN C PT DECLINES
VA-CYSTATIN C ORDERED WITH NEXT LABS
SHORTENED LIFE EXPECTANCY [C]
LIFE EXPECTANCY LESS THAN 6 MONTHS
LIFE EXPECTANCY < 3 MONTHS
REMINDER FACTORS [C]
LIFE EXPECTANCY < 6 MONTHS

REMINDER SPONSOR

OFFICE OF PATHOLOGY AND LABORATORY MEDICAL SERVICE (PLMS)
MENTAL HEALTH SERVICES

REMINDER TAXONOMY

VA-CYSTATIN C EGFR-AMPUTATION
VA-CYSTATIN C EGFR-PARA/QUAD & NEUROMUSCULAR
VA-CYSTATIN C EGFR-MALNUTRITION & OBESITY

REMINDER TERM

VA-REMINDER UPDATE_2_0_311
VA-CREATININE EGFR
VA-CREATININE EGFR>59
VA-CYSTATIN C EGFR BMI>40
VA-CYSTATIN C NOT CLINICALLY INDICATED
VA-CYSTATIN C WAITING RESULTS
VA-CYSTATIN C DONE AT NON-VA
VA-CYSTATIN C PT DECLINES
VA-CYSTATIN C ORDERED WITH NEXT LABS
VA-LIFE EXPECTANCY <6 MONTHS
VA-CYSTATIN C EGFR STATUS ACTIVE/PENDING
VA-CYSTATIN C OTHER REASON NOT ORDERED
VA-CYSTATIN C EGFR LAB COMPLETE
VA-CYSTATIN C EGFR AMPUTATION
VA-CYSTATIN C EGFR EVALUATE DIAGNOSES

REMINDER DEFINITION

VA-CYSTATIN C SCREEN

REMINDER DIALOG

VA-CYSTATIN C W/EGFR SCREEN

Pre-Install

Check with your laboratory to identify the lab tests for these two items:

1. Estimated Glomerular Filtration Rate (eGFR) (creatinine based eGFR)
2. Cystatin C

Identify the quick order your site uses for the laboratory test **Cystatin C with Cystatin C eGFR**.

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_311.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 10 minutes.

Install Example

To Load the exchange file, use LWH. The URL is
https://REDACTED/UPDATE_2_0_311.PRD

```
+ + 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://REDACTED/UPDATE_2_0_311.PRD
```

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

Search and locate an entry titled UPDATE_2_0_311 VA-CYSTATIN C SCREEN in reminder exchange.

| +Item | Entry | Source | Date Packed |
|-------|------------------------------------------------|--------|-------------|
| 304 | UPDATE_2_0_311 VA-CYSTATIN C SCREEN | | |
| 305 | UPDATE_2_0_32 VA-MH CONTINGENCY MANAGEMENT | | |
| 306 | UPDATE_2_0_33 MISC UPDATE 4 | | |
| 307 | UPDATE_2_0_34 VA-WH PAP SMEAR SCREENING | | |
| 308 | UPDATE_2_0_35 VA-BENEFICIARY TRAVEL UPDATES | | |
| 309 | UPDATE_2_0_36 MISC UPDATE 5 | G. | |

+ + 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 (1-513): 304

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry titled UPDATE_2_0_311 VA-CYSTATIN C SCREEN (in this example it is entry 304, it will vary by site) that is dated 11/21/2022.

***There is a new reminder sponsor associated with this install. You will need to do an IS to selectively install reminder sponsor OFFICE OF PATHOLOGY AND LABORATORY MEDICAL SERVICE (PLMS). If you don't install this first, you will receive errors when installing the health factors. Please do this step prior to continuing!

YOU NEED TO **INSTALL SELECT** THE NEW REMINDER SPONSOR ENTRY ONLY (ITEM 17):

| + | Component | Category | Exists |
|------------------------------------------------------------|-----------------------------------------------------------|----------|-----------|
| REMINDER SPONSOR | | | |
| 17 | OFFICE OF PATHOLOGY AND LABORATORY MEDICAL SERVICE (PLMS) | | |
| 18 | MENTAL HEALTH SERVICES | | X |
| REMINDER COMPUTED FINDINGS | | | |
| | VA-BMI | | X |
| REMINDER TAXONOMY | | | |
| 19 | VA-CYSTATIN C EGFR-AMPUTATION | | |
| 20 | VA-CYSTATIN C EGFR-PARA/QUAD & NEUROMUSCULAR | | |
| 21 | VA-CYSTATIN C EGFR-MALNUTRITION & OBESITY | | |
| REMINDER TERM | | | |
| 22 | VA-REMINDER UPDATE_2_0_311 | | |
| 23 | VA-CREATININE EGFR | | |
| + + Next Screen - Prev Screen ?? More Actions | | | |
| IA | Install all Components | IS | Install S |
| Select Action: Next Screen// IS Install Selected Component | | | |
| Select Component(s): (1-38): 17 | | | |

At the **Select Action** prompt, type

IS for Install Selected Component and hit enter.

At the Select Component, type **17** and hit enter

Select Action: Quit// **IS Install Selected Component**

Select Component(s): (1-38): **17**

REMINDER SPONSOR entry OFFICE OF PATHOLOGY AND LABORATORY MEDICAL SERVICE (PLMS) 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**

| Component | Category | Exists |
|--------------------------------------------------------------|----------|---------|
| + Component | | |
| REMINDER SPONSOR | | |
| 17 OFFICE OF PATHOLOGY AND LABORATORY MEDICAL SERVICE (PLMS) | | X |
| 18 MENTAL HEALTH SERVICES | | X |
| REMINDER COMPUTED FINDINGS | | |
| VA-BMI | | X |
| REMINDER TAXONOMY | | |
| 19 VA-CYSTATIN C EGFR-AMPUTATION | | |
| 20 VA-CYSTATIN C EGFR-PARA/QUAD & NEUROMUSCULAR | | |
| 21 VA-CYSTATIN C EGFR-MALNUTRITION & OBESITY | | |
| REMINDER TERM | | |
| 22 VA-REMINDER UPDATE_2_0_311 | | |
| 23 VA-CREATININE EGFR | | |
| + + Next Screen - Prev Screen ?? More Actions | | |
| IA Install all Components | IS | Install |
| Select Action: Next Screen// IA | | |

At the **Select Action** prompt, type **IA** for Install all Components and hit enter.

For all new entries in any category you will choose **I to Install**

Skip any items in any category you are prompted to overwrite

You will then be prompted to install the Dialog component.

| Item | Seq. | Dialog Findings | Type | Exists |
|-----------------------------------------------------------------------|------|-------------------------------------------------------------|---------|--------------|
| Dialog Components Nov 21, 2022@11:21:38 | | | | |
| Packed reminder dialog: VA-CYSTATIN C W/EGFR SCREEN [NATIONAL DIALOG] | | | | |
| 1 | | VA-CYSTATIN C W/EGFR SCREEN | dialog | |
| 2 | 5 | VA-GP CYSTATIN C SCREEN MASTER | group | |
| | | Finding: *NONE* | | |
| 3 | 5.3 | VA-CYSTATIN C SCREEN VERSION | element | |
| | | Finding: *NONE* | | |
| 4 | 5.5 | VA-CYSTATIN GUIDANCE BTN | element | |
| | | Finding: VIEW PROGRESS NOTE TEXT (REMINDER GENERAL FINDING) | | X |
| 5 | | PXRM GF VIEW BUTTON | prompt | X |
| 6 | 5.6 | BLANK LINE (E) | element | |
| | | Finding: *NONE* | | |
| 7 | 5.10 | VA-GP CYSTATIN C AT RISK CONDITIONS | group | |
| | | Finding: *NONE* | | |
| 8 | 5.12 | BLANK LINE (E) | element | |
| | | Finding: *NONE* | | |
| + + Next Screen - Prev Screen ?? More Actions | | | | |
| DD | | Dialog Details | DT | Dialog Text |
| DF | | Dialog Findings | DU | Dialog Usage |
| DS | | Dialog Summary | IA | Install All |
| Select Action: Next Screen// IA | | | | |

At the **Select Action** prompt, type **IA** to install the dialog – **VA-CYSTATIN C W/EGFR SCREEN**

Hit enter when prompted to link to the definition:

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

Reminder Dialog **VA-CYSTATIN C W/EGFR SCREEN** is not linked to a reminder.

Select Reminder to Link: **VA-CYSTATIN C SCREEN**// <<HIT ENTER HERE>>

```

Packed reminder dialog: VA-CYSTATIN C W/EGFR SCREEN [NATIONAL DIALOG]
VA-CYSTATIN C W/EGFR SCREEN (reminder dialog) installed from exchange file.
Item  Seq.  Dialog Findings                                     Type      Exists
 1      VA-CYSTATIN C W/EGFR SCREEN                          dialog     X
 2      5 VA-GP CYSTATIN C SCREEN MASTER                        group      X
        Finding: *NONE*
 3      5.3 VA-CYSTATIN C SCREEN VERSION                      element     X
        Finding: *NONE*
 4      5.5 VA-CYSTATIN GUIDANCE BTTN                       element     X
        Finding: VIEW PROGRESS NOTE TEXT (REMINDER GENERAL FINDING)
 5      PXRМ GF VIEW BUTTON                                  prompt     X
 6      5.6 BLANK LINE (E)                                   element     X
        Finding: *NONE*
 7      5.10 VA-GP CYSTATIN C AT RISK CONDITIONS            group      X
        Finding: *NONE*
 8      5.12 BLANK LINE (E)                                   element     X
        Finding: *NONE*
+      + Next Screen  - Prev Screen  ?? More Actions
DD     Dialog Details                                       DT     Dialog Text
DF     Dialog Findings                                     DU     Dialog Usage
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**.

```

+      Component                                           Category      Exists
REMINDER SPONSOR
 17    OFFICE OF PATHOLOGY AND LABORATORY MEDICAL          X
        SERVICE (PLMS)
 18    MENTAL HEALTH SERVICES                             X
REMINDER COMPUTED FINDINGS
      VA-BMI                                              X
REMINDER TAXONOMY
 19    VA-CYSTATIN C EGFR-AMPUTATION                       X
 20    VA-CYSTATIN C EGFR-PARA/QUAD & NEUROMUSCULAR        X
 21    VA-CYSTATIN C EGFR-MALNUTRITION & OBESITY           X
REMINDER TERM
 22    VA-REMINDER UPDATE_2_0_311                          X
 23    VA-CREATININE EGFR                                  X
+      + Next Screen  - Prev Screen  ?? More Actions
IA     Install all Components                               IS     Install S
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. **Add local LAB TESTS that represent Estimated Glomerular Filtration Rate (eGFR) (creatinine based eGFR) to the reminder term VA-CREATININE EGFR.** The findings that you add should be LT type findings. Ex: LT.EGFR. You do not need to add a status or info in any other field.
2. **Add local LAB TESTS that represent CYSTATIN C to the reminder term VA-CYSTATIN C EGFR LAB COMPLETE.** The findings that you add should be LT type findings. Ex: LT.CYSTATIN C. You do not need to add a status or info in any other field.

3. **Add orderable items that represent Cystatin C with eGFR to the reminder term VA-CYSTATIN C EGFR STATUS ACTIVE/PENDING.** The findings that you add should be OI type findings. Ex: OI.CYSTATIN C PANEL. You do not need to add a status or info in any other field.
4. **Add lab order to the reminder dialog.** Using the Vista Menu, Reminder Dialog Manager, DI- Reminder Dialog, change view to element and edit reminder dialog element VAL-CYSTATIN C ORDERED adding your quick order for a Cystatin C with eGFR lab test as a finding item
5. **Add the new reminder to the cover sheet for the appropriate users.** You will use the Add Cover Sheet Reminder option in CPRS. The print name is Cystatin C with eGFR Screen. Because this is a new reminder, you may want to turn on only for a few individuals to test before expanding usage.