



**Update \_2\_0\_141**

**Clinical Reminders**

**VA-Hepatitis C Reminder Updates  
Install Guide**

**May 2020**

Product Development  
Office of Information Technology  
Department of Veterans Affairs

**Table of Contents**

**INTRODUCTION ..... 1**  
**PRE-INSTALL..... 3**  
**INSTALL DETAILS ..... 3**  
**INSTALL EXAMPLE..... 3**  
**POST INSTALLATION ..... 7**

# Introduction

---

## DESCRIPTION:

VA recommends a Hepatitis C virus (HCV) testing for all patients ages 18-79 and anyone at risk for infection, including patients born between 1945-1965.

The update in this release changes the testing reminder to include all patients ages 18-79 even if no risk is identified. Patients ages 80 and older are included if they have an identified risk or if serology was done without a viral load (testing is incomplete).

Since screening for risk is no longer part of the decision making when considering whether a person should have an initial screening serology done, the VA-HEPATITIS C RISK SCREEN reminder is being inactivated.

UPDATE\_2\_0\_141 contains 1 Reminder Exchange entry:

**UPDATE\_2\_0\_141 VA-Hepatitis C Reminder Updates**

**The exchange file contains the following components:**

### **TIU TEMPLATE FIELD**

BLANK SPACE1

VA-HEP C NCP GUIDANCE STATEMENT

### **HEALTH FACTORS**

VA-REMINDER UPDATES

VA-UPDATE\_2\_0\_141

HEPATITIS C

PREVIOUS NEGATIVE HCV RNA

PREVIOUS POSITIVE HCV RNA

DECLINED HEP C TESTING

HEP C TESTING DEFERRED

HEP C TESTING NOT INDICATED

REMINDER FACTORS

LIFE EXPECTANCY < 6 MONTHS

PREVIOUS POSITIVE ANTI-HCV

PREVIOUS NEGATIVE ANTI-HCV

PREV NEGATIVE TEST FOR HEP C

PREV POSITIVE TEST FOR HEP C

HEP C RISK

HCV RISK: INCARCERATION

HCV RISK: BORN TO HCV+ MOTHER

HCV RISK: HX OF ALCOHOL HEP/ABUSE/DEPEND

HCV RISK: UNEXPL LIVER DZ/ABN LIVER FX

HCV RISK: HEMOPHILIA/CLOTTING FACTOR

HCV RISK: HIV INFECTION

HCV RISK: SEXUAL HCV EXPOSURE  
HCV RISK: 20/> LIFETIME SEXUAL PARTNERS  
HCV RISK: INTRANASAL DRUG USER  
HCV RISK: TATTOO/PIERCING  
HCV RISK: NEEDLE\MUCOSAL EXPOSURE  
HCV RISK: VIETNAM-ERA VETERAN  
HCV RISK: HEMODIALYSIS  
HCV RISK: BLOOD/ORGAN TX PRIOR TO 1992  
HCV RISK: INTRAVENOUS DRUG USE  
RISK FACTOR FOR HEPATITIS C  
DECLINED HEP C RISK SCREEN  
NO RISK FACTORS FOR HEP C

**REMINDER SPONSOR**

VHA ONCOLOGY  
Women Veterans Health Program  
National Center for Health Promotion and Disease  
Prevention (NCP)  
Mental Health Services  
Office of Public Health and Environmental Hazards

**REMINDER TAXONOMY**

VA-TERMINAL CANCER PATIENTS  
VA-DRUG ABUSE FOR HCV TESTING  
VA-HIV INFECTION  
VA-ALCOHOL ABUSE  
VA-HEPATITIS C SEROPOSITIVE

**REMINDER TERM**

VA-REMINDER UPDATE\_2\_0\_141  
VA-HEP C VIRUS ANTIBODY POSITIVE  
VA-HEP C RNA  
VA-HEP C TESTING DEFERRED  
VA-TERMINAL CANCER PATIENT  
VA-LIFE EXPECTANCY < 6 MONTHS  
VA-HEP C LAB TESTS ORDERED  
VA-HEP C TESTING NOT INDICATED  
VA-DECLINED HEP C TESTING  
VA-HEP C OUTSIDE RESULTS  
VA-RISK FACTOR FOR HEPATITIS C  
VA-HEP C VIRUS ANTIBODY NEGATIVE  
VA-HEPATITIS C SEROPOSITIVE  
VA-DECLINED HEP C RISK SCREEN  
VA-NO RISK FACTORS FOR HEP C

## REMINDER DEFINITION

VA-HEPATITIS C TESTING  
VA-HEPATITIS C RISK SCREEN

## REMINDER DIALOG

VA-HEPATITIS C TESTING  
VA-HEPATITIS C RISK SCREEN

## Pre-Install

---

1. Do a reminder inquiry for the reminder definition VA-HEPATITIS C TESTING and save this as a reference for post installation. **If you follow the install guide instructions closely, no mapping should be necessary post-install.**
2. Check the dialog elements VA-HEP C TESTING ORDER HCV RNA and VA-HEP C TESTING ORDER ANTI-HCV for a quick order finding item for the Hep C lab tests and record those entries so it can be re-entered after installation.

## Install Details

---

This update is being distributed as a mailman message. you will have a vista mail message with subject of UPDATE 141.

Installation:

=====

This update can be loaded with users on the system. Installation will take less than 10 minutes.

## Install Example

---

To load the mailman message. Navigate to reminder exchange in Vista, choose load mailman message, you should load the mailman message labeled UPDATE 141.

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\_141 VA-HEPATITIS C REMINDER UPDATES** in reminder exchange.

+Item	Entry	Source	Date Packed
161	UPDATE_2_0_141 VA-HEPATITIS REMINDER UPDATES	GRIFFITH@SALT LAKE CI	05/07/2020@10:25
162	UPDATE_2_0_15 VA-LIPID STATIN RX CVD/DM	GRIFFITH@SALT LAKE CI	02/01/2019@07:19
163	UPDATE_2_0_16 VA-WH MAMMOGRAM SCREENING	GRIFFITH@SALT LAKE CI	09/15/2017@05:59
164	UPDATE_2_0_17 VA-WH PRECONCEPT ION CARE	GRIFFITH@SALT LAKE CI	11/14/2016@08:43
165	UPDATE_2_0_17 VA-WH PRECONCEPT ION CARE	GRIFFITH@SALT LAKE CI	11/14/2016@09:36

```

+      + 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 (1-394): 161

```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry  
 Enter the number that corresponds with your entry UPDATE\_2\_0\_141 VA-HEPATITIS C REMINDER UPDATES (*in this example it is entry 161 it will vary by site*). The date of the exchange file should be 05/07/2020.

Component	Category	Exists
Source: GRIFFITH,ELIZABETH A at SALT LAKE CITY		
Date Packed: 05/07/2020@10:25:42		
Package Version: 2.0P35		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_141		
REMINDER DEFINITION		
VA-HEPATITIS C RISK SCREEN		
VA-HEPATITIS C TESTING		
Keywords:		
Components:		
+ Enter ?? for more actions >>>		
IA Install all Components	IS Install Selected Component	
Select Action: Next Screen// IS		

You should **NOT CHOOSE TO INSTALL ALL**, instead, you will install *only selected components*.

The components that you need to install are the following:

- REMINDER DEFINITION**
- 61 VA-HEPATITIS C TESTING X
- 62 VA-HEPATITIS C RISK SCREEN X
- REMINDER DIALOG**
- 63 VA-HEPATITIS C TESTING X

*Review your exchange file and confirm the numbers (61-63) match the example above*

At the **Select Action** prompt, type **IS** for Install SELECTED Components  
 Select Action: Next Screen// Select Action: Quit// **IS Install Selected Component**  
 Select Component(s): (1-64): **61-63**

REMINDER DEFINITION entry named VA-HEPATITIS C TESTING 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// overwrite the current entry**

Are you sure you want to overwrite? N// **YES**

REMINDER DEFINITION entry named VA-HEPATITIS C RISK SCREEN 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// overwrite the current entry**

Are you sure you want to overwrite? N// **YES**

**You will be prompted to install the 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-HEPATITIS C TESTING
```

Item	Seq.	Dialog Findings	Type	Exists		
1		VA-HEPATITIS C TESTING	dialog	X		
2	5	VA-HEP C TESTING HEADER Finding: *NONE*	group	X		
3	5.10	VA-HEP C TESTING TEXT/OPTIONS* Finding: *NONE*	group	X		
4	5.10.5	VA-HEP C TESTING ORDER ANTI-HCV Finding: *NONE*	element	X		
5	5.10.10	VA-HEP C TESTING PREVIOUS ANTI-HCV/RNA Finding: *NONE*	group	X		
6	5.10.10.5	VA-HEP C TESTING PREVIOUS ANTI-HCV Finding: *NONE*	group	X		
7	5.10.10.5.5	VA-HEP C TESTING ANTI-HCV PREVIOUS POSITIVE Finding: PREVIOUS POSITIVE ANTI-HCV (HEALTH FACTOR)	element	X		
<b>+      + Next Screen      - Prev Screen      ?? More Actions</b>						
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// <b>IA</b>						

At the **Select Action** prompt, type **IA** to install the dialog – **VA-HEPATITIS C TESTING**

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

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

```
Packed reminder dialog: VA-HEPATITIS C TESTING
```

Item	Seq.	Dialog Findings	Type	Exists		
1		VA-HEPATITIS C TESTING	dialog	X		
2	5	VA-HEP C TESTING HEADER Finding: *NONE*	group	X		
3	5.10	VA-HEP C TESTING TEXT/OPTIONS* Finding: *NONE*	group	X		
4	5.10.5	VA-HEP C TESTING ORDER ANTI-HCV Finding: *NONE*	element	X		
5	5.10.10	VA-HEP C TESTING PREVIOUS ANTI-HCV/RNA Finding: *NONE*	group	X		
6	5.10.10.5	VA-HEP C TESTING PREVIOUS ANTI-HCV Finding: *NONE*	group	X		
7	5.10.10.5.5	VA-HEP C TESTING ANTI-HCV PREVIOUS POSITIVE Finding: PREVIOUS POSITIVE ANTI-HCV (HEALTH FACTOR)	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.

+	Component	Category	Exists
60	VA-NO RISK FACTORS FOR HEP C		X
REMINDER DEFINITION			
61	VA-HEPATITIS C TESTING		X
62	VA-HEPATITIS C RISK SCREEN		X
REMINDER DIALOG			
63	VA-HEPATITIS C TESTING		X
64	VA-HEPATITIS C RISK SCREEN		X
+ Next Screen    - Prev Screen    ?? More Actions    >>>			
IA	Install all Components	IS	Install Selected Component

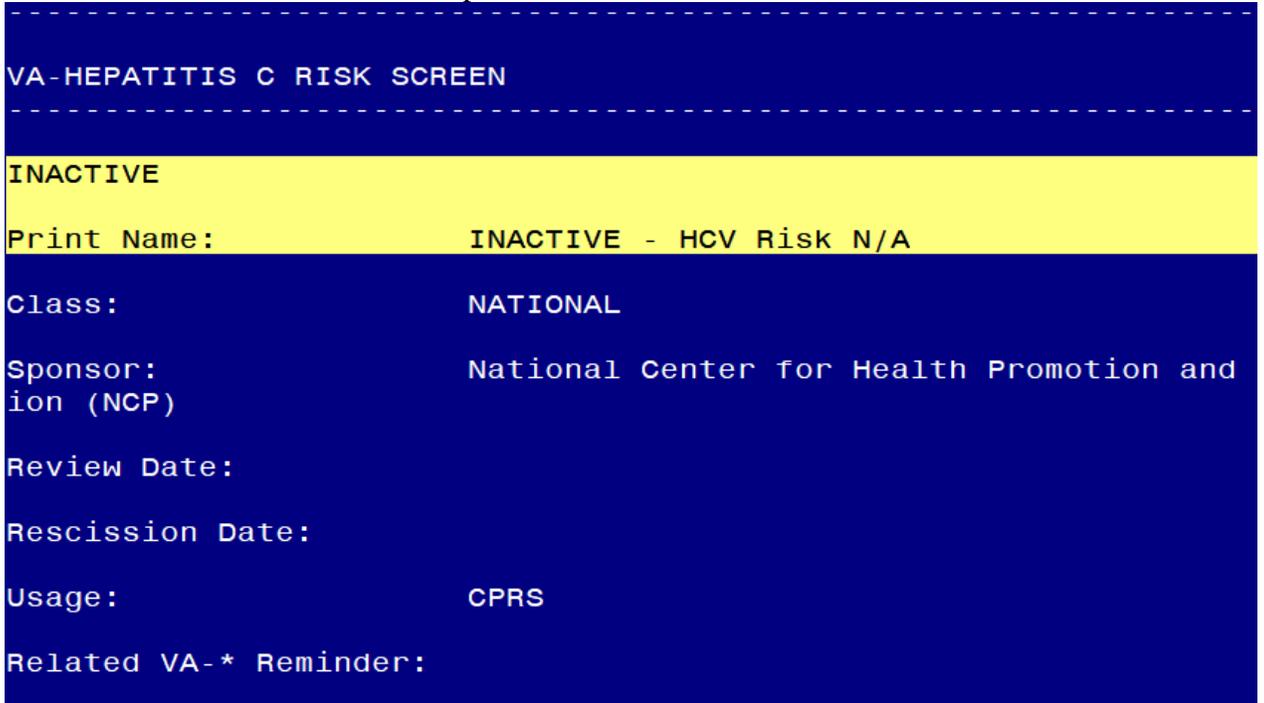
Select Action: Quit// Q

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

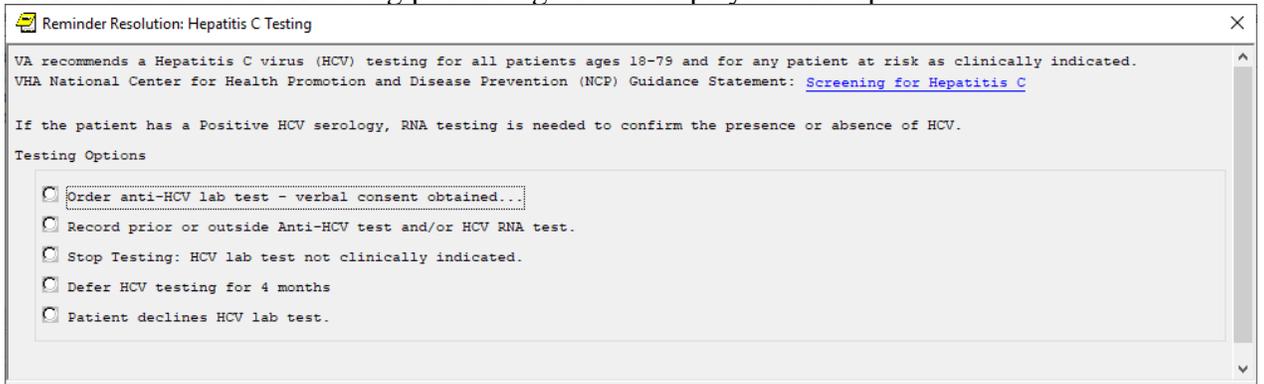
Install complete.

# Post Installation

1. Check the mapping of the reminder terms in the reminder definition VA-HEPATITIS C TESTING by comparing the reminder inquiry that was saved prior to installation with a reminder inquiry post-install. If you installed following the install guide, no mapping should be necessary.
2. Review the reminder definition VA-HEPATITIS C RISK SCREEN and confirm that the definition is shows inactive and the print name starts with INACTIVE:



3. Add the quick orders identified in the pre-install for your local Hepatitis C lab tests to dialog elements VA-HEP C TESTING ORDER ANTI-HCV and VA-HEP C TESTING ORDER HCV RNA as a finding.
4. Open the reminder dialog associated with the hepatis C testing reminder and confirm that the recommendation for testing patients age 18-79 displays at the top :



***NOTE:*** *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*