



**Update \_2\_0\_47**

**Clinical Reminders**

**VA-Hepatitis B Immunizations**

**Install Guide**

**August 2018**

Product Development  
Office of Information Technology  
Department of Veterans Affairs

Table of Contents

<b>INTRODUCTION .....</b>	<b>1</b>
<b>INSTALL DETAILS .....</b>	<b>3</b>
<b>INSTALL EXAMPLE .....</b>	<b>6</b>
<b>POST INSTALLATION .....</b>	<b>13</b>

## **Introduction**

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VHA recommends hepatitis B immunization (unless contraindicated) for previously unvaccinated adults who are at increased risk of contracting hepatitis B virus (HBV) infection and for any other adult who is seeking protection from HBV infection.

A set of 2 reminders is included in this update.

**VA-HEPATITIS B SEROLOGY/IMMUNIZATION:** This reminder allows for ordering/recording serology prior to immunization or initiating immunization without serology.

**VA-HEPATITIS B IMMUNIZATION:** This reminder becomes applicable if serology is already done or the vaccine series is initiated without serology. It evaluates the need for immunization or for additional doses of immunization.

The reminders apply to persons who were NOT previously immunized and who fall into one of the high-risk categories – either high risk for HBV infection or high risk for complications of HBV infection. See the NCP Guidance Statement for a complete list of these high-risk groups.

UPDATE\_2\_0\_47 contains 1 Reminder Exchange entry:

### **UPDATE\_2\_0\_47 VA-HEPATITIS B IMMUNIZATIONS**

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

#### **TIU TEMPLATE FIELD**

- BLANK TEXT FIELD FOR DIALOGS
- IM VIS HBV URL
- IM VIS HAV URL
- IM VIS HAV/HBV DT
- IM COMMENT COMPLICATONS
- IM HAV/HBV ADJ LOT# EXP DATE
- IM HAV/HBV MANUF
- IM INJECTION RIGHT/LEFT
- IM VIS HBV ADJ URL
- IM VIS HBV DT
- IM HBV ADJ LOT# EXP DATE
- IM HBV ADJ MANUF
- IM HBV LOT# EXP DATE
- IM HBV MANUF

#### **HEALTH FACTORS**

- VA-REMINDER UPDATES
- VA-UPDATE\_2\_0\_47
- HEPATITIS C
- HEPATITIS B VACCINATION NOT INDICATED

HEPATITIS B SEROLOGY NOT INDICATED  
IMMUNIZATION  
HEPATITIS B VACCINATION DEFER TEMPORARY  
REFUSED HEPATITIS B VACCINE  
REFUSED HEPATITIS B SEROLOGY  
OUTSIDE SEROLOGY  
OUTSIDE HEPATITIS B SURFACE AB POSITIVE  
OUTSIDE HEPATITIS B SURFACE AB NEGATIVE  
OUTSIDE HEPATITIS B SURFACE AG POSITIVE  
OUTSIDE HEPATITIS B SURFACE AG NEGATIVE  
OUTSIDE HEPATITIS B CORE AB POSITIVE  
OUTSIDE HEPATITIS B CORE AB NEGATIVE  
REMINDER FACTORS  
LIFE EXPECTANCY < 6 MONTHS  
INCORRECT DIAGNOSES  
INCORRECT DIABETES DIAGNOSIS  
OUTSIDE HEPATITIS A SEROPOSITIVE

#### **REMINDER SPONSOR**

VA National Center for Health Promotion and Disease Prevention (NCP)  
Mental Health Services  
National Center for Health Promotion and Disease Prevention (NCP)  
National Clinical Reminder Committee  
Office of Patient Care Services  
Office of Public Health and Environmental Hazards

#### **REMINDER TAXONOMY**

VA-TERMINAL CANCER PATIENTS  
VA-DIABETES  
VA-CIRRHOSIS  
VA-CHRONIC LIVER DISEASE (NON-HBV/HCV)  
VA-GASTRIC VARICES  
VA-HEPATIC FIBROSIS  
VA-HEPATITIS B RISK DRUG USE  
VA-HEPATITIS B RISK SEXUAL TRANSMISSION  
VA-END STAGE RENAL DISEASE  
VA-ESOPHAGEAL VARICES  
VA-HIV INFECTION  
VA-HEPATITIS C INFECTION  
VA-IMMUNIZATION INJECTION 90471

#### **REMINDER TERM**

VA-REMINDER UPDATE\_2\_0\_47  
VA-HEPATITIS B IMMUNIZATION NOT INDICATED  
VA-HEPATITIS B SEROLOGY NOT INDICATED  
VA-HEPATITIS B IMMUNIZATION REFUSED/DEFERRED

VA-HEPATITIS B SEROLOGY REFUSED/DEFERRED  
VA-HEPATITIS B IMMUNIZATION ADJUVANT  
VA-HEPATITIS B IMMUNIZATION 3/4 DOSE SERIES  
VA-OUTSIDE HEPATITIS B SURFACE AB POSITIVE  
VA-OUTSIDE HEPATITIS B SURFACE AB NEGATIVE  
VA-OUTSIDE HEPATITIS B SURFACE AG POSITIVE  
VA-OUTSIDE HEPATITIS B SURFACE AG NEGATIVE  
VA-OUTSIDE HEPATITIS B CORE AB POSITIVE  
VA-OUTSIDE HEPATITIS B CORE AB NEGATIVE  
VA-HEPATITIS B SURFACE ANTIBODY  
VA-HEPATITIS B SURFACE ANTIGEN  
VA-HEPATITIS B CORE ANTIBODY (IGG/TOTAL)  
VA-LIFE EXPECTANCY < 6 MONTHS  
VA-DIABETES DX INCORRECT  
VA-DIABETES DX  
VA-HEPATITIS B RISK  
VA-HEPATITIS A VACCINATION INDICATED  
VA-HEPATITIS A IMMUNE/SEROPOS  
VA-HEPATITIS A SEROLOGY IGG/TOTAL  
VA-BL HBV SEROLOGY SECTION SUPPRESS  
VA-HBV ADMINISTRATION SUPPRESSION

#### **REMINDER DEFINITION**

VA-HEPATITIS B SEROLOGY/IMMUNIZATION  
VA-BL HBV SEROLOGY SECTION SUPPRESS  
VA-HEPATITIS B IMMUNIZATION

#### **REMINDER DIALOG**

VA-HEPATITIS B SEROLOGY/IMMUNIZATION  
VA-HEPATITIS B IMMUNIZATION

#### **HEALTH SUMMARY TYPE**

OB HAV HBV SEROLOGY OUTSIDE  
OB HAV HBV SEROLOGY

#### **HEALTH SUMMARY OBJECTS**

HAV HBV SEROLOGY OUTSIDE (TIU)  
HAV HBV SEROLOGY

#### **TIU DOCUMENT DEFINITION**

HAV HBV SEROLOGY OUTSIDE  
HAV HBV SEROLOGY

## Pre-install

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### Pre-install

1. Review the health factors that are being sent out with these reminders and if you have local health factors that represent the same concept precisely, you may want to rename your local health factors prior to installing the new national ones so duplicates are not created.

Health factors: The following health factors are exported with these reminders. If you have local health factors that represent the same concept precisely, you may want to rename your local health factors prior to installing the new national ones. Otherwise, map your local entries to the appropriate reminder terms post install.

HEPATITIS B VACCINATION NOT INDICATED

HEPATITIS B SEROLOGY NOT INDICATED

HEPATITIS B VACCINATION DEFER TEMPORARY

REFUSED HEPATITIS B VACCINE

REFUSED HEPATITIS B SEROLOGY

OUTSIDE HEPATITIS A SEROPOSITIVE

OUTSIDE HEPATITIS B SURFACE AB POSITIVE – surface antibody positive

OUTSIDE HEPATITIS B SURFACE AB NEGATIVE – surface antibody negative

OUTSIDE HEPATITIS B SURFACE AG POSITIVE – surface antiGEN positive

OUTSIDE HEPATITIS B SURFACE AG NEGATIVE – surface antiGEN negative

OUTSIDE HEPATITIS B CORE AB POSITIVE – core antibody positive

OUTSIDE HEPATITIS B CORE AB NEGATIVE – core antibody negative

2. Check the reminder terms that are included and do a term inquiry on all of those that are existing on your system so you can remap any that are accidentally overwritten during the install.

VA-LIFE EXPECTANCY < 6 MONTHS

VA-DIABETES DX INCORRECT

VA-DIABETES DX

3. If you have installed a Hepatitis B/Anti-CD20 drug order check and reminders, you will have some local reminder terms that are very similar to these new national ones for all the various serologies. You may want to do a reminder term inquiry on those so that you can use them for the mapping of your local lab tests to the new national reminder terms that have the same meaning but are now being sent out as national terms.

Reminder Terms for sites that installed Hepatitis B/Anti-CD20

RT HEPATITIS B CORE ANTIBODY

RT HEPATITIS B SURFACE ANTIBODY

RT HEPATITIS B SURFACE ANTIGEN

RT OUTSIDE HEPATITIS B CORE AB NEGATIVE

RT OUTSIDE HEPATITIS B CORE AB POSITIVE

RT OUTSIDE HEPATITIS B SURFACE AG POSITIVE

National terms that imply same thing as above

4. Identify your local lab test names for HEPATITIS B SURFACE ANTIBODY and HEPATITIS B CORE ANTIBODY, you will be prompted several times during the install for these lab test names. Please get help with this from someone very familiar with these tests. These tests are very easily confused and incorrect mapping causes the reminders to fail. Please pay attention to the Hepatitis B Core antibody IgM lab test – this test **does NOT** belong in some of the terms for HBcAb and will cause the reminder to prompt for vaccine in some patients who do not need it if you mistakenly include it where it does not belong.

## Install Details

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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\\_47.PRD](http://vista.med.va.gov/reminders/UPDATE_2_0_47.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 20 minutes.

## 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           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: http://vista.med.va.gov/reminders/UPDATE_2_0_47

```

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\\_47.PRD](http://vista.med.va.gov/reminders/UPDATE_2_0_47.PRD)**

```

http://vista.med.va.gov/reminders/UPDATE_2_0_47.PRD successfully loaded.

```

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





Component	Category	Exists
Source: MONTGOMERY,ALAN at SALT LAKE CITY		
Date Packed: 08/15/2018@13:48:11		
Package Version: 2.0P35		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_47		
REMINDER DEFINITION		
VA-HEPATITIS B SEROLOGY/IMMUNIZATION		
VA-HEPATITIS B IMMUNIZATION		
Non-exchangeable order dialog(s):		
-----		
Name: LR OTHER LAB TESTS		
Type: Dialog		
+ 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.

You will Install ALL new components.

You will SKIP any reminder taxonomies or reminder terms that already exist and you are prompted to Overwrite

If you see this prompt, enter your local lab test for HEPATITIS B SURFACE ANTIBODY REMINDER TERM entry VA-HEPATITIS B SURFACE ANTIBODY 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

Finding LT.HEPATITIS B SURFACE ANTIBODY does not exist, what do you want to do?

Select one of the following:

- D Delete
- P Replace with an existing entry
- Q Quit the install

Enter response: **p Replace with an existing entry**

Select LABORATORY TEST NAME: **LT.HEPATITIS B** - ENTER YOUR LOCAL LAB TEST NAME

If you see this prompt, enter your local lab test for HEPATITIS B CORE ANTIBODY REMINDER TERM entry VA-HEPATITIS B CORE ANTIBODY (IGG/TOTAL) 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

Finding LT.HEPATITIS B CORE ANTIBODY does not exist, what do you want to do?

Select one of the following:

- D Delete
- P Replace with an existing entry
- Q Quit the install

Enter response: P Replace with an existing entry

Select LABORATORY TEST NAME: HEPATITIS B CORE – ENTER YOUR LOCAL LAB TEST NAME - do not use the IgM test.

## You will be prompted to install the first dialog component, VA-HEPATITIS B SEROLOGY/IMMUNIZATION

Packed reminder dialog: VA-HEPATITIS B SEROLOGY/IMMUNIZATION [NATIONAL DIALOG]

Item	Seq.	Dialog Findings	Type	Exists
1		VA-HEPATITIS B SEROLOGY/IMMUNIZATION	dialog	
2	4	VA-GP HBV SEROLOGY SECTION DISPLAY* Finding: *NONE*	group	
3	4.5	VA-HBV TEXT INTRO Finding: *NONE*	element	
4	4.10	VA-GP HBV TEXT PARENT Finding: *NONE*	group	
5	4.10.4	VA-HBV TEXT ADDL INFORMATION Finding: *NONE*	element	
6	4.15	VA-TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	element	X
7	4.30	VA-GP HBV SEROLOGY Finding: *NONE*	group	
8	4.30.6	VA-HBV OI SEROLOGIC PANEL	element	

+ + 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-HEPATITIS B SEROLOGY/IMMUNIZATION

Select Action: Next Screen// IA Install All

All dialog components for VA-HEPATITIS B SEROLOGY/IMMUNIZATION are new.

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

You may see this prompt at the end of the install:

Reminder Dialog VA-HEPATITIS B SEROLOGY/IMMUNIZATION is not linked to a reminder

Select Reminder to Link: VA-BL HBV SEROLOGY SECTION SUPPRESS// **ENTER HERE**

Packed reminder dialog: VA-HEPATITIS B SEROLOGY/IMMUNIZATION [NATIONAL DIALOG]  
 VA-HEPATITIS B SEROLOGY/IMMUNIZATION (reminder dialog) installed from exchange f

Item	Seq.	Dialog Findings	Type	Exists
1		VA-HEPATITIS B SEROLOGY/IMMUNIZATION	dialog	X
2	4	VA-GP HBV SEROLOGY SECTION DISPLAY*	group	X
		Finding: *NONE*		
3	4.5	VA-HBV TEXT INTRO	element	X
		Finding: *NONE*		
4	4.10	VA-GP HBV TEXT PARENT	group	X
		Finding: *NONE*		
5	4.10.4	VA-HBV TEXT ADDL INFORMATION	element	X
		Finding: *NONE*		
6	4.15	VA-TEXT BLANK LINE WITH TEMPLATE FIELD	element	X
		Finding: *NONE*		
7	4.30	VA-GP HBV SEROLOGY	group	X
		Finding: *NONE*		
8	4.30.6	VA-HBV OI SEROLOGIC PANEL	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				

When the dialog has completed installation, you will then be returned to this screen. At the **Select Action** prompt, type **Q**.

## You will be prompted to install the second dialog component, VA-HEPATITIS B IMMUNIZATION

Packed reminder dialog: **VA-HEPATITIS B IMMUNIZATION** [NATIONAL DIALOG]

Item	Seq.	Dialog Findings	Type	Exists
1		VA-HEPATITIS B IMMUNIZATION	dialog	
2	4	VA-GP HBV SEROLOGY SECTION DISPLAY IMMUNIZATION	group	
		Finding: *NONE*		
3	4.5	VA-HBV TEXT INTRO IMMUNIZATION	element	
		Finding: *NONE*		
4	4.10	VA-GP HBV TEXT PARENT IMMUNIZATION	group	
		Finding: *NONE*		
5	4.10.4	VA-HBV TEXT ADDL INFORMATION IMMUNIZATION	element	
		Finding: *NONE*		
6	4.15	VA-TEXT BLANK LINE WITH TEMPLATE FIELD	element	X
		Finding: *NONE*		
7	35	VA-TEXT BLANK LINE WITH TEMPLATE FIELD	element	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-HEPATITIS B IMMUNIZATION**

Select Action: Next Screen// IA Install All

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

You may see this prompt at the end of the install:

Reminder Dialog VA-HEPATITIS B IMMUNIZATION is not linked to a reminder.

Select Reminder to Link: VA-HEPATITIS B IMMUNIZATION//**ENTER HERE**

```
Packed reminder dialog: VA-HEPATITIS B IMMUNIZATION [NATIONAL DIALOG]
VA-HEPATITIS B IMMUNIZATION (reminder dialog) installed from exchange file.
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-HEPATITIS B IMMUNIZATION	dialog	X
2	4	VA-GP HBV SEROLOGY SECTION DISPLAY IMMUNIZATION Finding: *NONE*	group	X
3	4.5	VA-HBV TEXT INTRO IMMUNIZATION Finding: *NONE*	element	X
4	4.10	VA-GP HBV TEXT PARENT IMMUNIZATION Finding: *NONE*	group	X
5	4.10.4	VA-HBV TEXT ADDL INFORMATION IMMUNIZATION Finding: *NONE*	element	X
6	4.15	VA-TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	element	X
7	35	VA-TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	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
```

When the dialog has completed installation, you will then be returned to this screen. At the **Select Action** prompt, type **Q**.

### **You will then see the following prompts:**

HEALTH SUMMARY TYPE entry OB HAV HBV SEROLOGY OUTSIDE 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

HEALTH SUMMARY TYPE entry OB HAV HBV SEROLOGY 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

Selection item L.HEPATITIS B CORE ANTIBODY does not exist, what do you want to do?

Select one of the following:

- D Delete
- P Replace with an existing entry
- Q Quit the install

Enter response: **p Replace with an existing entry**

Select LABORATORY TEST NAME: HEPATITIS B CORE ANTIBODY (Total) – **YOUR LOCAL LAB TEST NAME HERE**

Selection item L.HEPATITIS B SURFACE ANTIBODY does not exist, what do you want to do?

Select one of the following:

D Delete  
P Replace with an existing entry  
Q Quit the install

Enter response: P Replace with an existing entry

Select LABORATORY TEST NAME: HEPATITIS B CORE ANITBODY – YOUR LOCAL LAB TEST  
NAME HERE

HEALTH SUMMARY OBJECTS entry HAV HBV SEROLOGY OUTSIDE (TIU) 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

HEALTH SUMMARY OBJECTS entry HAV HBV SEROLOGY 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

TIU DOCUMENT DEFINITION entry HAV HBV SEROLOGY OUTSIDE 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

TIU DOCUMENT DEFINITION entry HAV HBV SEROLOGY 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

```

Component                                     Category      Exists
Source:      MONTGOMERY,ALAN at SALT LAKE CITY
Date Packed: 08/15/2018@13:48:11
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER TERM
  VA-REMINDER UPDATE_2_0_47

REMINDER DEFINITION
  VA-HEPATITIS B SEROLOGY/IMMUNIZATION
  VA-HEPATITIS B IMMUNIZATION
Non-exchangeable order dialog(s):
-----
                                Name: LR OTHER LAB TESTS
                                Type: Dialog
+      + Next Screen  - Prev Screen  ?? More Actions  >>>
IA  Install all Components          IS  Install Selected Component
Select Action: Next Screen// 0

```

At the Select Action prompt, type Q to quit.

Install Completed

## Post Installation

---

5. Map all the reminder terms for lab tests for hepatitis B. Please get help with this from someone very familiar with these tests. These tests are very easily confused and incorrect mapping causes the reminders to fail.
  - VA-HEPATITIS B SURFACE ANTIBODY
  - VA-HEPATITIS B SURFACE ANTIGEN
  - VA-HEPATITIS B CORE ANTIBODY (IGG/TOTAL)
  
6. Any local health factors for outside lab tests can be mapped only if they represent actual positive and negative results. E.g. A health factor of 'OUTSIDE HEP B SURFACE ANTIBODY' cannot be mapped to the either of the terms for surface antibody since it is not clear if the results is positive or negative.
  - VA-OUTSIDE HEPATITIS B SURFACE AB POSITIVE
  - VA-OUTSIDE HEPATITIS B SURFACE AB NEGATIVE
  - VA-OUTSIDE HEPATITIS B SURFACE AG POSITIVE
  - VA-OUTSIDE HEPATITIS B SURFACE AG NEGATIVE
  - VA-OUTSIDE HEPATITIS B CORE AB POSITIVE
  - VA-OUTSIDE HEPATITIS B CORE AB NEGATIVE

7. Check the lab tests in the health summaries. These lab tests should be included: HBcAb, HBsAg, HBsAb, HAV Ab IgG or total.

Abb	Ord	Component Name	Max Occ	Hos Time	ICD Loc	Pro Text	CPT Nar	Mod	Selection
SCL1	5	HAV/HBV Serology	2						
		ORE ANTIBODY							HEPATITIS B C
		URFACE ANTIBODY							HEPATITIS B S
		URFACE ANTIGEN							HEPATITIS B S
		NTIBODY							HEPATITIS A A

8. If you have one, place your local HAV immunization reminder in the reminder term VA-HEPATITIS A VACCINATION INDICATED. To do this, add the computed finding VA-REMINDER DEFINITION as a mapped finding in this term. Set the computed finding parameter to your local Hepatitis A Immunization reminder name (the exact name), then set the condition to I V="DUE NOW".

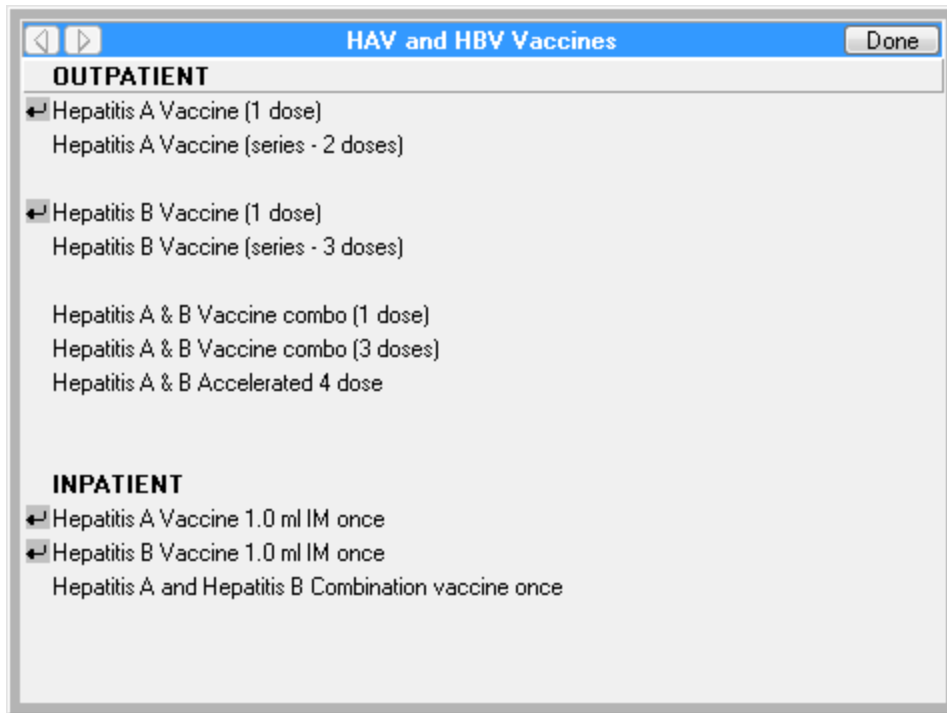
```
Finding Item: VA-REMINDER DEFINITION (FI(1)=CF(35))
Finding Type: REMINDER COMPUTED FINDING
Condition: I V="DUE NOW"
Computed Finding Parameter: <Insert local Hep A reminder here>
```

9. Map the 2 reminder terms for hepatitis A serology. VA-HEPATITIS A IMMUNE/SEROPOS – enter lab tests for HAV antibody and include a condition to find only those that are positive. Eg. I V="REACTIVE"!(V["POS])  
VA-HEPATITIS A SEROLOGY IGG/TOTAL

10. Add quick orders/order menus to the reminder dialogs for serology and immunization
  - a. An order for a Hepatitis B panel should contain all 3 serologic tests, include HBsAb, HBcAb total, HBsAg in an order set or quick order to get all 3 tests done  
Dialog element - VA-HBV OI SEROLOGIC PANEL
  - b. The immunization order should allow a choice of immunizations – ideally you should attach a menu here that allows ordering single dose of HBV standard, single dose of HAV/HBV combination, 3 dose series of HBV standard, 3 dose series of HAV/HBV combination and also orders for HBV conjugate vaccine if it is available or in use at your facility.  
Dialog Element - VA-HBV OI IMMUNIZATION

Example of a menu for HAV and HBV vaccines





**NOTE:** *If you require further technical assistance or 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: Enterprise Applications*

*Subcategory: Applications*

*Enterprise Application: VistA - Clinical Reminders*