



Update _2_0_69

Clinical Reminders

**Anti-CD20 Clinical Reminder
Order Check and Reminder**

Hepatitis B Reminder Updates

Install Guide

~~July~~ July 2019

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

Patients with chronic hepatitis B (HBV) infection or prior exposure are at risk for HBV reactivation if they receive immunosuppressive therapy, such as anti-cluster of differentiation (CD)20 antibody (Ab) treatment. Anti-CD20 Abs, commercially available as rituximab, obinutuzumab, ocrelizumab and ofatumumab, are a key component of treatment regimens for selected hematologic and rheumatologic conditions.

In patients receiving anti-CD20 Ab treatment, HBV reactivation can result in hepatitis (33%-100%), liver failure (10%-13%), and death (3%-5%). Between 17% and 55% of individuals with past or chronic HBV infection may experience reactivation unless they receive antiviral prophylaxis. HBV reactivation is also associated with chemotherapy disruption and increased cancer mortality. HBV antiviral prophylaxis prevents reactivation in up to 98% of at-risk patients receiving anti-CD20 Ab therapy.

To identify and treat patients at risk for reactivation, HBV serologies must be obtained before starting anti-CD20 Ab therapy. Patients with evidence of prior Hepatitis B infection (HBcAb+ or HBsAg+) should be started on anti-viral prophylaxis prior to receiving anti-CD20 medications and for 12 months after completing anti-CD20 treatment.

This order check prompts for serology if not done and for treatment for HBV if the patient has serologic results indicating prior infection with HBV. The order check is meant to catch any patients missing either serology or treatment if indicated at the time of ordering the anti-CD20 drug. The 2 clinical reminders will be due if the anti-CD20 treatment has already been ordered and if serology has not been done or treatment is indicated and has not been ordered.

This update also includes changes to the two Hepatitis B reminder definitions.

VA-HEPATITIS B IMMUNIZATION

VA-HEPATITIS B SEROLOGY/IMMUNIZATION

HEP B IMMUNIZATION

Modify the condition for the lab test positives to include logic for sites that use "P" and "REAC"

This applies to Findings 7, 8, and 21

Change this:

```
I +V>0!(V["POS"]!(V="REACTIVE"))!(V[">"])
```

To this

```
I +V>0!($E(V,1,1)="R")!($E(V,1,1)="P")!(V[">"])
```

Modify the condition for negative results in FI(6)

Change this:

```
I (V["neg"]!(V["nr"]!(V["non"]!(V["NG"]!(V["BOR"]&'(V="pending"))
```

To this:

```
I V=0! (V["<")! ($E(V,1,1)="N")! (V["BOR"])
```

Add HBsAg+ to the exclusions in this reminder

Old:

```
((FI(1)!(FI(2)&FF(2)))&(FI(6)!FI(9)))!FI(15)!FI(16)&'(FI(5)!FI(8)!FI(14)!FI(18)!FI(20)&FF(19))!FI(21))
```

New:

```
((FI(1)!(FI(2)&FF(2)))&(FI(6)!FI(9)))!FI(15)!FI(16)&'(FI(5)!FI(7)!FI(8)!FI(12)!FI(14)!FI(18)!FI(20)&FF(19))!FI(21))
```

HEP B SEROLOGY/IMMUNIZATION

Modify the condition for the lab test positives to include logic for sites that use "P" and "REAC"

This applies to Findings 7 and 8

Change this:

```
I +V>0! (V["POS"]! (V="REACTIVE")! (V[">"])
```

To this

```
I +V>0! ($E(V,1,1)="R")! ($E(V,1,1)="P")! (V[">"])
```

One new Taxonomy is added and one is updated.

VA-HEPATITIS B RISK updated to include one additional taxonomy which is new: VA-HEPATIC STEATOSIS

Reminder taxonomy VA-CHRONIC LIVER DISEASE (NON-HBV/HCV) updated with some additional ICD10 codes listed below.

K75.81	10/1/2015	Nonalcoholic Steatohepatitis
(Nash)		
K75.89	10/1/2015	Other specified Inflammatory Liver
Diseases		
K75.9	10/1/2015	Inflammatory Liver Disease,
unspecified		
K76.5	10/1/2015	Hepatic Veno-Occlusive Disease
K76.6	10/1/2015	Portal Hypertension
K76.7	10/1/2015	Hepatorenal Syndrome
K76.81	10/1/2015	Hepatopulmonary Syndrome
K76.89	10/1/2015	Other specified Diseases of Liver
K76.9	10/1/2015	Liver Disease, unspecified

Updated dialog element VAL-HBV/HAV ADMIN LOCATION dialog text to change "1.0 ml" to "1 ml"

Install Details

Pre Install: Print out a reminder inquiry of the following 2 reminder definitions:

VA-HEPATITIS B IMMUNIZATION

VA-HEPATITIS B SEROLOGY/IMMUNIZATION

In the post install section, you will verify that changes were made

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_69-1.PRD

The following reminder content is included in this UPDATE:

HEALTH FACTORS

OUTSIDE SEROLOGY
OUTSIDE HEPATITIS B SURFACE AG POSITIVE
OUTSIDE HEPATITIS B CORE AB POSITIVE
OUTSIDE HEPATITIS B CORE AB NEGATIVE
VA-REMINDER UPDATES
VA-UPDATE_2_0_69
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 HEPATITIS B SURFACE AB POSITIVE
OUTSIDE HEPATITIS B SURFACE AB NEGATIVE
OUTSIDE HEPATITIS B SURFACE AG NEGATIVE
REMINDER FACTORS
LIFE EXPECTANCY < 6 MONTHS
INCORRECT DIAGNOSES
INCORRECT DIABETES DIAGNOSIS
OUTSIDE HEPATITIS A SEROPOSITIVE
HEPATITIS B
HBV TREATMENT DECLINED (ANTI-CD20)

REMINDER SPONSOR

VA National Center for Health Promotion and
Disease Prevention (NCP)
VHA ONCOLOGY
Mental Health Services
National Center for Health Promotion and Disease
Prevention (NCP)
VHA Cardiology Services
Office of Patient Care Services
Office of Public Health and Environmental Hazards
Office of Quality & Performance

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-HEPATITIS B CORE ANTIBODY (IGG/TOTAL)
VA-HEPATITIS B SURFACE ANTIBODY
VA-ANTI-CD20 DRUGS
VA-HIV SEROLOGY
VA-HEPATITIS B TREATMENT DRUGS
VA-OUTSIDE HEPATITIS B SURFACE AG POSITIVE
VA-OUTSIDE HEPATITIS B CORE AB POSITIVE
VA-OUTSIDE HEPATITIS B CORE AB NEGATIVE
VA-HEPATITIS B SURFACE ANTIGEN
VA-REMINDER UPDATE _2_0_69
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 NEGATIVE
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-LAST SERVICE SEPARATION >1/1/2001
VA-HBV ADMINISTRATION SUPPRESSION
VA-HEPATITIS B PHARMACY/NURSING ORDERABLE ITEM
VA-HEPATITIS B IMMUNIZATION STD ONLY

REMINDER DEFINITION

VA-OC HBV SCREEN FOR ANTI-CD20 TREATMENT
VA-HEPATITIS B SEROLOGY/IMMUNIZATION
VA-BL HBV SEROLOGY SECTION SUPPRESS
VA-HEPATITIS B IMM/ORDERABLE ITEMS OBJECT
VA-HEPATITIS B IMMUNIZATION
VA-HBV TREATMENT FOR ANTI-CD20 THERAPY
VA-HBV SCREEN FOR ANTI-CD20 THERAPY

REMINDER DIALOG

VA-HEPATITIS B SEROLOGY/IMMUNIZATION
VA-HEPATITIS B IMMUNIZATION
VA-HBV TREATMENT FOR ANTI-CD20 THERAPY
VA-HBV SCREEN FOR ANTI-CD20 THERAPY

REMINDER ORDER CHECK RULES

VA-HBV / ANTI-CD20 THERAPY

TIU TEMPLATE FIELD

BLANK TEXT FIELD FOR DIALOGS
PBM HEPLISAV-B PATIENT FAQ
PBM HEPLISAV-B PROVIDER FAQ
PBM HEPLISAV-B MONOGRAPH
NCP HAV IMMUNIZATION GUIDANCE
NCP HBV IMMUNIZATION GUIDANCE
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
IM HBV DOSE
HBV FDA BOXED WARNING ANTI-CD20
HBV AASLD GUIDELINES

HEALTH SUMMARY COMPONENT

PCE HEALTH FACTORS SELECTED
LAB CUMULATIVE SELECTED 1
CLINICAL REMINDERS FINDINGS
LAB CUMULATIVE SELECTED 2

HEALTH SUMMARY TYPE

OB HAV HBV SEROLOGY OUTSIDE
OB HAV HBV SEROLOGY
VA-HEP B IMMUNIZATIONS
OB HBV ANTICD20 LABS

HEALTH SUMMARY OBJECTS

HAV HBV SEROLOGY OUTSIDE (TIU)
HAV HBV SEROLOGY
VA-HEP B IMMUNIZATIONS (TIU)
HBV ANTICD20 LABS (TIU)

TIU DOCUMENT DEFINITION

HAV HBV SEROLOGY OUTSIDE
HAV HBV SEROLOGY
VA-HEP B IMMUNIZATIONS
HBV ANTICD20 LABS

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 thirty 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          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
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_69.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_69.PRD

Once loaded you will see a message that the exchange file was successfully loaded.

If your site is unable to use LWH, then use LMM to load mail message. Once loaded, you will see something like below...

```
Loading MailMan message number 1173893
Added Exchange entry UPDATE_2_0_69 ROC ANTI-CD20/HEP B UPDATES

Clinical Reminder Exchange   Apr 23, 2019@13:16:23   Pa
MailMan message 1173893 successfully loaded. ←
```

Navigate to the exchange entry named UPDATE 2 0 69 ROC ANTI-CD20/HEP B UPDATES
UPDATE 2 0 56 VA-QT CLINICAL REMINDER ORDER CHECK

+Item	Entry	Source	Date Packed
369	UPDATE 2 0 56 VA-QT CLINICAL REMINDER ORDER CHECK	GRIFFITH@SALT LAKE CI	07/06/2018@12:58
370	UPDATE 2 0 6 VA-TERATOGENIC MEDICATIONS ORDER CHECKS (UPDATE #3)	SILVERMAN@SALT LAKE CI	10/09/2015@07:09
371	UPDATE 2 0 7	MONTGOMERY@SALT LAKE CI	10/06/2015@11:24
372	UPDATE 2 0 8 MH UPDATES	MONTGOMERY@SALT LAKE CI	11/16/2016@07:38
373	UPDATE 2 0 8 MH UPDATES	MONTGOMERY@SALT LAKE CI	11/30/2016@15:19
374	UPDATE 2 0 8 MH UPDATES	MONTGOMERY@SALT LAKE CI	12/20/2016@13:12
375	UPDATE 2 0 8 MH UPDATES	MONTGOMERY@SALT LAKE CI	01/05/2017@11:07
+ + 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// IFE Install Exchange File Entry			
Enter a list or range of numbers (1-560): 369			
+Item	Entry	Source	Date Packed
111	UPDATE 2 0 69 ROC ANTI-CD20/HEP B UPDATES	MONTGOMERY@SALT LAKE CI	05/28/2019@07:57
112	UPDATE 2 0 69 ROC ANTI-CD20/HEP B UPDATES	MONTGOMERY@SALT LAKE CI	07/03/2019@10:13
113	UPDATE 2 0 7	MONTGOMERY@SALT LAKE CI	10/06/2015@11:24
114	UPDATE 2 0 70 VA-VHA CHOICE/PC CC APPROVAL FOR MEDICAL CARE	GRIFFITH@SALT LAKE CI	12/14/2018@07:59
115	UPDATE 2 0 71 VA-ORAL CARE TEMPLATE	SMALLEY@SALT LAKE CI	12/20/2018@09:50
116	UPDATE 2 0 8 MH UPDATES	MONTGOMERY@SALT LAKE CI	11/30/2016@15:19
+ + 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		
Select Action: Next Screen// IFE Install Exchange File Entry			
Enter a list or range of numbers (1-251): 112			

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry

Enter the number that corresponds with your entry UPDATE 2 0 69 ROC ANTI-CD20/HEP
B UPDATES. UPDATE_2_0_56 VA-QT CLINICAL REMINDER
ORDER CHECK

(in this example it is entry 112, it will vary by site) Ensure that the date/time of the exchange
entry is 07/03/201910:13:08

Formatted: Font: Not Bold, Kern at 14 pt

Formatted: Font: Times New Roman, 12 pt, Not Bold, Not
Italic

Formatted: Font: Times New Roman, 12 pt, Not Bold, Not
Italic

```

Component Category Exists
Source: GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 07/06/2018@12:58:33
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK ITEMS GROUP
  VA-OT PROLONGING MEDICATIONS (GROUP)

REMINDER TERM
  VA-REMINDER UPDATE_2_0_56

Keywords:

Components:

+ Enter ?? for more actions >>>
IA Install all Components IS Install Selected Component
Select Action: Next Screen// IA

Component Category Exists
Source: MONTGOMERY,ALAN at SALT LAKE CITY
Date Packed: 07/03/2019@10:13:08
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK ITEMS GROUP
  VA-ANTI-CD20 DRUGS

REMINDER ORDER CHECK RULES
  VA-HBV / ANTI-CD20 THERAPY

REMINDER DIALOG
  VAL-HBV/HAV ADMIN LOCATION

REMINDER TERM
+ 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.

If you have any question about the correct lab tests your site is using, please contact your LIM to ensure you are using the correct test..IF you have the incorrect test, this could cause your reminder to not function appropriately.

Here are the general rules when installing.

1. If a component is NEW, use the INSTALL action
2. If a component EXISTS, but is different, use the OVERWRITE action EXCEPT for below items....if you see these terms as needing an ACTION, follow the instructions below to keep from removing your local mapped items
3. The following terms should use the MERGE action
 - a. VA-HEPATITIS B SURFACE ANTIBODY
 - b. VA-HEPATITIS B SURFACE ANTIGEN
 - c. VA-HEPATITIS A IMMUNE/SEROPOS
 - d. VA-HEPATITIS A SEROLOGY IGG/TOTAL
 - e. VA-HEPATITIS A VACCINATION INDICATED
 - f. VA-DIABETES DX INCORRECT
 - g. VA-HEPATITIS B CORE ANTIBODY (IGG/TOTAL)
 - h. VA-OUTSIDE HEPATITIS B CORE AB POSITIVE
 - i. VA-HEPATITIS B IMMUNIZATION 3/4 DOSE SERIES
 - j. VA-HEPATITIS B RISK
 - k. VA-LIFE EXPECTANCY < 6 MONTHS
4. The following term should use the SKIP action to avoid removing HEPB-CPG Immunization from this term.
 - a. VA-HEPATITIS B IMMUNIZATION ADJUVANT
5. The following HEALTH SUMMARY TYPE should use the SKIP action
 - a. OB HAV HBV SEROLOGY OUTSIDE
 - b. OB HBV ANTICD20 LABS
 - c. OB HAV HBV SEROLOGY
6. If installer is prompted to REPLACE IM HEP B, ADJUVANTED, be sure and replace with IM HEPB-CPG.

```

Component                                Category    Exists
Source:      GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 07/06/2018@12:58:33
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER ORDER CHECK ITEMS GROUP
  VA-QT PROLONGING MEDICATIONS (GROUP)

REMINDER TERM
  VA-REMINDER UPDATE_2_0_56

Keywords:

Components:

+      + Next Screen  - Prev Screen  ?? More Actions  >>>
IA  Install all Components          IS  Install Selected Component
Select Action: Next Screen// c

```

The order of dialog installs may not exactly match what is in this guide. Pay close attention to the names of the dialogs being installed.

You will be prompted to install the FIRST reminder dialog component: You do not need to install this one, so type Q to quit

Packed reminder dialog: VA-HEPATITIS B SEROLOGY/IMMUNIZATION [NATIONAL DIALOG]				
Item	Seq.	Dialog Findings	Type	Exists
1		VA-HEPATITIS B SEROLOGY/IMMUNIZATION	dialog	X
2	1	VA-HEPATITIS B SEROLOGY/IMMUNIZATION VERSION Finding: *NONE*	element	X
3	4	VA-GP HBV SEROLOGY SECTION DISPLAY* Finding: *NONE*	group	X
4	4.5	VA-HBV TEXT INTRO Finding: *NONE*	element	X
5	4.7	VA-HBV TEXT SERVICE AFTER 2001 Finding: *NONE*	element	X
6	4.10	VA-GP HBV TEXT PARENT Finding: *NONE*	group	X
7	4.10.2	VAL-GP HBV TEXT URL INFO 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				

You will be prompted to install the second reminder dialog component: You do not need to install this one, so type Q for quit.

Packed reminder dialog: VA-HEPATITIS B IMMUNIZATION [NATIONAL DIALOG]				
Item	Seq.	Dialog Findings	Type	Exists
1		VA-HEPATITIS B IMMUNIZATION	dialog	X
2	1	VA-HEPATITIS B IMMUNIZATION VERSION Finding: *NONE*	element	X
3	4	VA-GP HBV SEROLOGY SECTION DISPLAY IMMUNIZATION Finding: *NONE*	group	X
4	4.2	VAL-HEPATITIS B HS OBJECT Finding: *NONE*	element	
5	4.5	VA-HBV TEXT INTRO IMMUNIZATION Finding: *NONE*	element	X
6	4.7	VA-HBV TEXT SERVICE AFTER 2001 Finding: *NONE*	element	X
7	4.10	VA-GP HBV TEXT PARENT IMMUNIZATION Finding: *NONE*	group	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				

You will be prompted to install the third reminder dialog component:

Packed reminder dialog: VA-HBV TREATMENT FOR ANTI-CD20 THERAPY [NATIONAL DIALOG]

Item	Seq.	Dialog Findings	Type	Exists
1		VA-HBV TREATMENT FOR ANTI-CD20 THERAPY	dialog	
2	5	VAL-GP TEXT HBV ANTI-CD20 INTRO Finding: *NONE*	group	
3	5.5	VAL-GP TEXT HBV ANTI-CD20 INTRO DETAILS PARENT TREATMENT Finding: *NONE*	group	
4	5.5.10	VAL-TEXT HBV ANTI-CD20 INTRO DETAILS TREATMENT Finding: *NONE*	element	
5	5.10	VAL-GP TEXT HBV ANTI-CD20 RESULTS PARENT OPEN Finding: *NONE*	group	
6	5.10.10	VAL-GP TEXT HBV ANTI-CD20 RESULTS Finding: *NONE*	element	
+ + 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				

Select IA to install dialog VA-HBV TREATMENT FOR ANTI-CD20 THERAPY
All dialog components for VA-HBV TREATMENT FOR ANTI-CD20 THERAPY are new.
Install reminder dialog and all components with no further changes: Y//

To link the dialog to the reminder definition, take the default.
Reminder Dialog VA-HBV TREATMENT FOR ANTI-CD20 THERAPY is not linked to a
reminder.

Select Reminder to Link: VA-HBV TREATMENT FOR ANTI-CD20 THERAPY//

Once the dialog is installed, you will be returned to this screen. Choose Q to quit

VA-HBV TREATMENT FOR ANTI-CD20 THERAPY (reminder dialog) installed from exchange				
Item	Seq.	Dialog Findings	Type	Exists
1		VA-HBV TREATMENT FOR ANTI-CD20 THERAPY	dialog	X
2	5	VAL-GP TEXT HBV ANTI-CD20 INTRO Finding: *NONE*	group	X
3	5.5	VAL-GP TEXT HBV ANTI-CD20 INTRO DETAILS PARENT TREATMENT Finding: *NONE*	group	X
4	5.5.10	VAL-TEXT HBV ANTI-CD20 INTRO DETAILS TREATMENT Finding: *NONE*	element	X
5	5.10	VAL-GP TEXT HBV ANTI-CD20 RESULTS PARENT OPEN Finding: *NONE*	group	X
6	5.10.10	VAL-GP TEXT HBV ANTI-CD20 RESULTS 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				

You will be prompted to install the fourth reminder dialog component:

Packed reminder dialog: VA-HBV SCREEN FOR ANTI-CD20 THERAPY [NATIONAL DIALOG]

Item	Seq. Dialog Findings	Type	Exists
1	VA-HBV SCREEN FOR ANTI-CD20 THERAPY	dialog	
2	5 VAL-GP TEXT HBV ANTI-CD20 INTRO Finding: *NONE*	group	X
3	7 TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	element	X
4	8 VAL-GP TEXT HBV ANTI-CD20 SEROLOGY Finding: *NONE*	group	
5	8.5 VA-OI HBV SEROLOGY FOR ANTI-CD20 Finding: LR OTHER LAB TESTS (ORDER DIALOG)	element	X
6	8.10 VA-GP TEXT HBV ANTI-CD20 OUTSIDE SEROLOGY Finding: *NONE*	group	
7	8.10.3 VA-HF HBV ANTI-CD20 HBCAB +	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

All dialog components for VA-HBV SCREEN FOR ANTI-CD20 THERAPY are new.
Install reminder dialog and all components with no further changes: Y//

To link the dialog to the reminder definition, take the default.

Reminder Dialog VA-HBV SCREEN FOR ANTI-CD20 THERAPY is not linked to a reminder.

Select Reminder to Link: VA-HBV SCREEN FOR ANTI-CD20 THERAPY//

VA-HBV SCREEN FOR ANTI-CD20 THERAPY (reminder dialog) installed from exchange fi				
Item	Seq.	Dialog Findings	Type	Exists
1		VA-HBV SCREEN FOR ANTI-CD20 THERAPY	dialog	X
2	5	VAL-GP TEXT HBV ANTI-CD20 INTRO Finding: *NONE*	group	X
3	7	TEXT BLANK LINE WITH TEMPLATE FIELD Finding: *NONE*	element	X
4	8	VAL-GP TEXT HBV ANTI-CD20 SEROLOGY Finding: *NONE*	group	X
5	8.5	VA-OI HBV SEROLOGY FOR ANTI-CD20 Finding: LR OTHER LAB TESTS (ORDER DIALOG)	element	X
6	8.10	VA-GP TEXT HBV ANTI-CD20 OUTSIDE SEROLOGY Finding: *NONE*	group	X
7	8.10.3	VA-HF HBV ANTI-CD20 HBCAB +	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 fifth reminder dialog component:

Dialog Components

Jun 17, 2019@12:41:18

Page: 1 of 1

Packed reminder dialog: VAL-HBV/HAV ADMIN LOCATION

Item	Seq.	Dialog Findings	Type	Exists
1		VAL-HBV/HAV ADMIN LOCATION 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: Quit// IA

Select IA to install this dialog element. Answer YES to Install reminder dialog and all components with no further changes: Y//

VAL-HBV/HAV ADMIN LOCATION (element) installed from exchange file.

Item	Seq.	Dialog Findings	Type	Exists
1		VAL-HBV/HAV ADMIN LOCATION	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: Quit// Q

Select Q to quit this dialog install

Component	Category	Exists
Source: MONTGOMERY,ALAN at SALT LAKE CITY		
Date Packed: 07/03/2019@10:13:08		
Package Version: 2.0P35		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER ORDER CHECK ITEMS GROUP		
VA-ANTI-CD20 DRUGS		
REMINDER ORDER CHECK RULES		
VA-HBV / ANTI-CD20 THERAPY		
REMINDER DIALOG		
VAL-HBV/HAV ADMIN LOCATION		
REMINDER TERM		
+ Enter ?? for 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 **Select Action** prompt, type **Q**.
Install Complete

Post-Install Set-up Instructions

- 1. Activate the Reminder Order Check Rule**
- The installation of CLINICAL REMINDER UPDATE_2_0_69 will require the STATUS of the Reminder Order Check Rule “VA-HBV / ANTI-CD20 THERAPY)” be changed to PROD. Sites are recommended to present this order check to the appropriate facility council or governing board with input from Cardiology Service, Pharmacy Service and the Clinical Reminders Manager for approval to enable it. Shown below are the steps to make this change if yours does not show that PROD status.
- The option represented here is **Add/Edit Reminder Order Check Rule [PXRM ORDER CHECK RULE EDIT]**.
- Select Reminder Order Check Menu Option: **RE** Add/Edit Reminder Order Check Rule
Select Reminder Order Check Rule by: (N/R/T/Q): N// **N** ORDER CHECK RULE
NAME

Select Reminder Order Check Rule: **VA- HBV / ANTI-CD20 THERAPY**

RULE NAME: VA-HBV / ANTI-CD20 THERAPY

DISPLAY NAME: ISSUE: Hepatitis B Evaluation for Anti-CD20 Therapy

STATUS: **PROD**

^ *change to PROD to activate Production Mode*

CLASS: NATIONAL

SPONSOR:

REVIEW DATE:

I=INACTIVE, P=PRODUCTION, T=TESTING

2. Assign the new Anti-CD20 reminders to users, i.e. Oncology, Hematology, Rheumatology, etc. staff
3. Compare your printout from pre install to current CONDITION entries listed below:
 - a. VA-HEPATITIS B IMMUNIZATION – finding 7,8 and 21
 - b. VA-HEPATITIS B SEROLOGY/IMMUNIZATION – finding 7 and 8

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: Enterprise Applications

Subcategory: Applications

Enterprise Application: VistA - Clinical Reminders

Assignment Group: NTL SUP Clin 2