

RESOURCE AND PATIENT MANAGEMENT SYSTEM

Clinical Reminders

(PXRM)

Implementation Guide

Version 2.0 Patch 1015 March 2025

Office of Information Technology Division of Information Technology

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Preface

This documentation applies to those reminders distributed in v2.0, p1015 of Clinical Reminders.

1.0 Introduction

This guide was designed to supplement the patch installation notes and provide guidance in setting up the Clinical Reminders contained in the **PXRM v2.0 1015** patch. We strongly recommend reviewing this entire document before installing and setting up the **Clinical Reminders 1015** patch.

This guide is intended to be used by the following individuals who are responsible for installing, supporting, maintaining, and testing this package:

- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC)

1.1 Clinical Reminders Resources

This guide is intended to be used by individuals who have previous experience with Clinical Reminders. Additional and more comprehensive information related to Clinical Reminders can be found in the following locations:

1.1.1 Reminder User Manual:

A comprehensive guide to the Clinical Reminders application can be downloaded here:

https://www.ihs.gov/rpms/packagedocs/PXRM/pxrm020u.pdf

Additional addendums and guides can be found here under VA Clinical Reminders:

https://www.ihs.gov/rpms/applications/clinical/

1.1.2 Reminder Course Materials–Recorded Training Repository:

Search under Application-choose VA Clinical Reminders.

https://www.ihs.gov/rpms/training/recording-and-material-library

1.1.3 Clinical Reminders Office Hours:

Office hours are announced periodically on the EHR and Reminders Listservs.

1.1.4 Clinical Reminders Listserv:

Send a question to the EHR Reminders Listserv.

Topics | LISTSERV Email Groups

2.0 What's New

This section provides an overview of what is being delivered in the Clinical Reminders p1015.

2.1 New Reminders

This patch contains:

- Reminder Definitions and Reminder Dialog:
 - IHS-SDOH Annual Exam
 - IHS-SDOH Exam Upon Admission
- Standalone Reminder Dialogs:
 - IHS-Immunization Screening Checklist 2024
 - IHS-Covid-19 12Y and Older Immunization 2024
 - IHS-Covid-19 Peds Age 6m-11Y Immunization 2024

3.0 Installation Checklist

Review the patch notes and this guide. The following steps should be performed by the appropriate IRM or CAC staff in the order that it is presented.

- 1. Install the **KIDS build** by appropriate IRM personnel. (See Section 6.0)
- 2. Install the **reminders** in **Reminder Exchange** that will be used at the facility. (See Section 7.0)
- 3. Install, link, and enable the **dialogs**. (See Install Reminder and Dialogs)
- 4. Configure the Electronic Health Record to display the reminders.
 - Sites may choose to activate the reminders just for specific individuals during a testing phase. If needed, add the **REMINDER COMPONENTS** to the health summary so they can be seen and printed on the Reports tab. (See Section 8.0)
- 5. Review the installed reminders and dialogs (See Appendix A)

4.0 Review National Reminder Definitions

The following provides information about all the National Reminder Definitions.

4.1 IHS-SDOH ANNUAL EXAM

APPLICABLE TO: Patients 17 years and older who have not been screened for all five of the Social Determination of Health (SDOH) Exams within the past year.

REMINDER DUE:

- If patient is 17 years and older AND
- Has not been screened for all five of the SDOH Exams

FREQUENCY: Annually.

RESOLUTION: Reminder resolved when **ALL** the following exams are entered; SODH Food, SDOH Housing, SDOH Transportation, SDOH Utilities, and SDOH Interpersonal Safety Screening.

BIBLIOGRAPHIC CITATION: Healthy People 2030, Social Determinants of Health

- Developer: IHS Office of Information Technology
- Funding Source: Indian Health Service
- Release: 2024

4.2 IHS-SDOH Exam Upon Admission

APPLICABLE TO:

• Admitted patients

REMINDER DUE:

- Patients 17-year-old and older
- Admitted AND
- Has not been screened for all five of the SDOH Exams

FREQUENCY: Every Hospitalization.

RESOLUTION: Reminder resolved **ALL** the following exams are entered; SODH Food, SDOH Housing, SDOH Transportation, SDOH Utilities, and SDOH Interpersonal Safety Screening for that hospital stay. **NOTE:** this reminder will activate and be due for all new admissions regardless of the time span between admissions.

BIBLIOGRAPHIC CITATION: Healthy People 2030, Social Determinants of Health

• Developer: IHS Office of Information Technology

Funding Source: Indian Health Service

• Release: 2024

5.0 National Reminder Dialogs

5.1 IHS-SDOH Screening 2024

This dialog allows documentation of SDOH Screenings for both Reminder Definitions, IHS-SDOH Annual Exam and IHS-SDOH Exam Upon Admission.

🥥 Reminder Resol	ution: SDOH Annua	l Exam			-		×
SOCI	AL DETERMINANTS	S OF HEALTH SCRE	ENING				
C	SDOH B.	ASIC SCREENING== IED AHC SCREENIN	G				
					* Indicates	a Require	d Field
CLINICAL REMINDE	R ACTIVITY						^
SDOH Annual Ex	cam:						
	SOCIAL DETERM	INANTS OF HEALTH	SCREENING				~
<no encounter="" informal<="" td=""><td>tion entered></td><td></td><td></td><td></td><td></td><td></td><td></td></no>	tion entered>						
Clear	Clinical Maint		< Back	Next >	Finish	Ca	ncel

Figure 5-1: SDOH Screening tool template

5.2 IHS-Immunization Screening Check-list 2024

This dialog allows documentation of Immunization Screening Checklist. The dialog contains the Adult and Pediatric screening checklist. It is meant to be use as a modular piece of a reminder dialog. Sites can adjust it locally as needed.



Figure 5-2: Immunization Screening Checklist

5.3 IHS-Covid-19 12Y and Older Immunization 2024

This dialog allows documentation of Covid-19 Immunization for patients 12 years and older.

Reminder Dialog Template: COVID 12 yrs and over	—		×
HISTORICAL COVID VACCINES			^
No COVID Immunization Found			
COVID-19 Immunization Administration			
Patient Education			
Return			
C Return for 2nd dose in 3 to 8 weeks (Novavax) C Return for additional dose in 4 months (Pfizer/Moderna for age C Return for additional dose:	e 65 or over	5)	
Other Comments			
	* Indicates a	a Required	l Field
	Finish	Car	ncel

Figure 5-3: Covid-19 Vaccine for 12 years and older

5.4 IHS-Covid-19 6M-11Y Immunization 2024

This dialog allows documentation of Covid-19 Immunization for patients 6 months to 11 years old.

Reminder Dialog Template: COVID 6M to 11 yrs	_		×
HISTORICAL COVID VACCINES			
No COVID Immunization Found			
COVID-19 Immunization Administration			
Patient Education	-		
Return			
Return for 2nd dose in 3 to 8 weeks (Pfizer)			
C Return for 3rd dose in 8 weeks (Pfizer)			
C Return for 2nd dose in 4 to 8 weeks (Moderna)			
C Return for additional dose in 8 weeks (Pfizer or Moderna)			
C Other:			
□			
Other Comments			
	* Indicates a	a Require	ed Field
			•••••
	Finish	Ca	ancel

Figure 5-4: Covid-19 Vaccine for 6 months to 11 years old

6.0 Install the KIDS Build

Installation of PXRM 1015 should be done by the appropriate IRM personnel using the instructions in the patch notes.

Installation of p1015 will put the reminders into the **REMINDER EXCHANGE** file. It does *not* install them. The new reminders will not work until they are installed and activated.

7.0 Install the Reminder

Follow these instructions to install the national reminders. The Clinical Application Coordinator (CAC) or other designated person should then install them using **REMINDER EXCHANGE**.

7.1 Programmer Access

Programmer access is required to install the reminders that contain a new, computed finding. If you do not have programmer access (*ⓐ* level FileMan access) you will see the following messages (Figure 7-1) when you are installing reminders that contain a new computed finding:

```
Only programmers can install routines
Only programmers can install Reminder Computed Findings
```

Figure 7-1: Reminder Installation messages screen

If there are no new computed findings packed in the reminder then ignore the message and continue through the installation process. If the computed finding was previously installed there will be an X under the column **Exists** on the right of the **Reminder Computed Finding** in the **Reminder Exchange**. (Figure 7-2).

Evenance File components Jun 25 2024 10:22:45	Daga. F	
Exchange File Components Jun 25, 2024 18:33:45	Page: 5	<u>07 /</u>
+ Component	Category	Exists
HUNGER VITAL STON (HVS) QUESTION 1		X
HVS QUESTION 1-SOMETIMES TRUE		x
HVS QUESTION 1-OFTEN TRUE		x
HVS QUESTION 1-NEVER TRUE		x
HVS QUESTION 1-DON'T KNOW OR REFUSED		x
REMINDER COMPUTED FINDINGS		
VA-IS INPATIENT		x
REMINDER TERM		
8 IHS-SDOH UTILITIES		×
9 IHS-SDOH TRANSPORTION		×
10 IHS-SDOH INTERPERSONAL SAFETY		×
11 IHS-SDOH HOUSING		×
12 IHS-SDOH FOOD		×
+ + Next Screen - Prev Screen ?? More Actions		>>>
IA Install all Components IS Install Select	ted Component	
Select Action: Next Screen//		

Figure 7-2: Reminder Components in Exchange screen

If there are new computed findings and the CAC does not have @ access, follow these steps to complete the installation.

- 1. Ask the site manager or other personnel who has **Programmer Access** to log in under their credentials,
- 2. Navigate to the Reminder Exchange and use Install Selected (IS).
- 3. Install the new Computed Findings following the instructions in the next section.

Important: Never overwrite a routine.

After the **Computed Findings** are installed, the CAC may then install the new reminders.

7.2 Installing the Reminder

1. Select **Reminder Exchange** from the **Reminder Configuration** menu. You will be presented with a list (Figure 7-3) of packed reminders that reside in the RPMS file system.

<u>clin</u>	ic	al Reminder Exchange Oct 17,	2024 1	6:10:50	6		Pac	je:	1 of	1
Exch	an	ge File Entries.								
Ite	m	Entry	Sourc	e				Date	Packe	d
	1	IHS-COVID-19 12Y AND OLDER IMMUNIZATION 2024	RAPOP	ORT@201	17 I	DEMO C	L	10/0	7/2024	@12:14
	2	IHS-COVID-19 PEDS AGE 6M-11Y IMMUNIZATION 2024	RAPOP	ORT@201	17 I	DEMO C	L	10/0	7/2024	@12:15
	3	IHS-IMMUNIZATION SCREENING CHECK-LIST 2024	RAPOP	ORT@201	17 I	DEMO C	L	10/0	7/2024	@12:16
	4	IHS-SDOH ANNUAL EXAM	RAPOP	ORT@201	17 I	DEMO C	L	10/0	7/2024	@12:10
	5	IHS-SDOH EXAM ADMISSION	RAPOP	ORT@201	17	DEMO C	L	10/0	7/2024	@12:12
		+ Next Screen - Prev Scree	en ??	More /	Act:	ions				>>>
CFE	C	reate Exchange File Entry	LHF	Load I	Hos	t File				
CHF	ç	reate Host File	LMM	Load M	мат	IMan M	essag	je		
CMM	C	reate Mai IMan Message	LR	List I	Rem	inder	Detir	11 1 10	ns	
DFE	D	elete Exchange File Entry	LWH	Load V	web	Host	File			
IFE	I	nstall Exchange File Entry	RI	Remino	der	Defin	itior	n Inq	uiry	
IH	I	nstallation History								

Figure 7-3: List of Reminders in Reminder Exchange

Tip: Use the **Up** and **Down** arrows to scroll through the list. If you are searching for a specific reminder, use the command **SL** (Figure 7-4) to search for the reminder name.

```
Select Action: Next Screen// SL
Search for: //SDOH
```

Figure 7-4: Further Instructions

- 2. Select IFE-Install Exchange File Entry to install the reminder.
- 3. Enter the **number** of the reminder (Figure 7-5) to install.

clin Excha	ic an	al Reminder Exchange Oct 17, 2 ge File Entries.	2024 1	6:11:49		Pag	e:	1 of	1	
Iter	n	Entry	Sourc	e			Date P	Packed		
1	1	IHS-COVID-19 12Y AND OLDER	RAPOP	ORT@2017	DEMO (L.	10/07	/2024@	12:14	
		IMMUNIZATION 2024								
2	2	IHS-COVID-19 PEDS AGE 6M-11Y	RAPOP	ORT@2017	DEMO (EL.	10/07	/2024@	12:15	
		IMMUNIZATION 2024					,			
	3	IHS-IMMUNIZATION SCREENING	RAPOP	ORT@2017	DEMO (EL.	10/07	/2024@	12:16	
		CHECK-LIST 2024								
4	4	IHS-SDOH ANNUAL EXAM	RAPOP	ORT@2017	DEMO (CL.	10/07	/2024@	12:10	
	5	IHS-SDOH EXAM ADMISSION	RAPOP	ORT@2017	DEMO (EL.	10/07	/2024@	12:12	
		+ Next Screen - Prev Screen	n ??	More Act	tions				>>>	
CFE	С	reate Exchange File Entry	LHF	Load Hos	st File	2				
CHF	С	reate Host File	LMM	Load Ma	ilMan M	lessag	e			
CMM	С	reate MailMan Message	LR	List Rem	ninder	Defin	itions	5		
DFE	D	elete Exchange File Entry	LWH	Load Web) Host	File				
IFE	Ι	nstall Exchange File Entry	RI	Reminder	r Defir	nition	Inqu	iry		
IH	Ι	nstallation History								
Seleo	ct	Action: Quit// IFE Install Exc	change	File Ent	try					
Enter	1	a list or range of numbers (1-5)	: 2							

Figure 7-5: Installing Reminders dialog

4. Use the Up and Down arrows to view the individual components of the reminder.

Before starting an installation, you should examine the list of components in the packed reminder (Figure 7-6) and determine which ones already exist on your system. You should decide what to do with each component and have a plan of action.

REMINDER TAXONOMY			
26 CPT IMM COVID19 90480 (FOR ALL VAC)	Х		
27 CPT IMM COVID19 5MCG/0.5ML (12YRS-OLDER)		Х	
28 CPT IMM COVID19 PFIZER 30MCG/0.3ML (12YR - OLDER)		Х	
29 CPT IMM COVID19 PFIZER (5YRS - 11YRS)	Х		
30 CPT IMM COVID19 PFIZER (6MON - 4YRS)	Х		
31 CPT IMM COVID19 MODERNA (12YRS - OLDER)	Х	X	
32 CPT IMM COVID19 MODERNA (6MON - 11YRS)	Х	Χ	
REMINDER DIALOG			
33 IHS-PEDS COVID IMMUNIZATION ORDERS 2024	2	Х	
TIU DOCUMENT DEFINITION			
LAST # COVID IMMUNIZATION X			
ALLERGIES/ADR X			
PATIENT SEX X			
PATIENT AGE X			
PATIENT HRCN-NO DASHES X			
PATIENT DATE OF BIRTH X			
VISIT DATE X			
PATIENT NAME X			

Figure 7-6: List of Components in Reminder

5. Proceeding with the installation (Figure 7-7).

Exchange File Components Jun 27, 2024 14:14:54 Page: 7 g	of <u>8</u>
+ Component Category	Exists
tris-sucrose	
COVID-19 vaccine, mRNA, spike prot, LNP,	×
bivalent, PF, 3 mcg/0.2mL dose, tris-sucr , ages	
6mo-4yrs	
COVID-19, mRNA, LNP-S, PF, 3 mcg/0.2 mL dose,	×
tris-sucrose	
DEMINIPED TAYANAMY	
26 CPT TMM COVID19 90480 (EOR ALL VAC)	×
27 CPT IMM COVID19 5MCG/0.5ML (12YRS-OLDER)	x
28 CPT IMM COVID19 PFIZER 30MCG/0.3ML (12YR - OLDER)	x
29 CPT IMM COVID19 PFIZER (5YRS - 11YRS)	×
30 CPT IMM COVID19 PFIZER (6MON - 4YRS)	×
31 CPT IMM COVID19 MODERNA (12YRS - OLDER)	×
32 CPT IMM COVID19 MODERNA (6MON - 11YRS)	×
Letter State Concern Draw Concern 22 Mana Astrians	
+ + Next Screen - Prev Screen // More Actions	>>>
salest Action: Next Screen//	
Serect Action. Kext Serech, /	

Figure 7-7: Exchange File Components screen

6. Install **computed Finding Only** (Figure 7-8). There are two choices, **IA** or **IS**. Choose **IS** to install selected components.

Users will notice that for each item in the reminder, a check is now made and displayed to indicate if the item in exchange matches the item in the file. Users are not asked about the elements if there is a match.

In the past asking users to make a selection even when the selection matched the element it was importing, made the installation much slower. With this updated method, installation is much quicker.

```
REMINDER COMPUTED FINDINGS entry IHS-DEPRESSION 2009 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 or Overwrite the current entry
Q Quit the install
S Skip, do not install this entry
Enter response: I//
```

Figure 7-8: Computed Finding Installation example

7. Install Reminder and Dialog – There are two choices, IA or IS. Choose IA to install all components.

During installation, a routine will compare the checksum of the item on your system to the one in exchange. If they are identical, it will not update the item on your database.

If it is not identical, the application will ask you what you want to do about all the elements in this reminder. If it is new, the default is to install it.

Take all the defaults as you load the reminder unless you have loaded a previous version of reminders. If you have loaded a previous version of the reminders, always re-install the reminder definition itself but not any of the other elements.

Caution: Never overwrite a routine.

```
Routine BPXRMPCC already EXISTS, <NEVER overwrite a routine through the
exchange!
but packed routine is different, what do you want to do?
     Select one of the following:
          С
                   Create a new entry by copying to a new name
          Ι
                    Install or Overwrite the current entry
          Q
                    Quit the install
          S
                   Skip, do not install this entry
Enter response: S// < SKIP DO NOT REINSTALL THIS ENTRY. Never overwrite the
routine!
REMINDER COMPUTED FINDINGS entry IHS-DEPRESSION 2009 is NEW,
what do you want to do?
     Select one of the following:
                   Create a new entry by copying to a new name
         С
                   Install or Overwrite the current entry
          Ι
                    Quit the install
          Q
                    Skip, do not install this entry
          S
Enter response: I// Take the default. If this is a new component, it will
default to "install".
TIU TEMPLATE FIELD entry IHS ADDL SIGN already EXISTS,
what do you want to do?
     Select one of the following:
         C
                   Create a new entry by copying to a new name
                   Install or Overwrite the current entry
         Τ
          Q
                    Quit the install
          S
                   Skip, do not install this entry
Enter response: S// Take the default. If this is a new component, it will
default to "install".
REMINDER DEFINITION entry IHS-DEPRESSION SCREEN 2011 already EXISTS,
what do you want to do?
     Select one of the following:
          С
                   Create a new entry by copying to a new name
         Τ
                   Install or Overwrite the current entry
                    Quit the install
          Q
          S
                   Skip, do not install this entry
```

Enter response: S// If you have loaded a previous version of the reminders before, install/overwrite the reminder definition. If this is the first time you have loaded this reminder, accept the default of I to install.

Figure 7-9: Reminder Installation example

8.0 EHR Reminder Configuration

This section describes how to configure the Electronic Health Record to display the reminders. Sites can choose to activate the reminders just for specific users during a testing phase. If needed, add the **REMINDER COMPONENTS** to the health summary so they can be seen and printed on the **Reports** tab.

This section describes how to remove the old reminders from the EHR and add the new ones. If your site does not use the reminder, then do not add the reminder to EHR because it will always show up as due.

Follow these steps to remove the old reminders from the display:

- 1. From EHR, click the reminder clock (20).
- 2. Select Action > Edit Cover Sheet Reminder List (Figure 8-1). Reminders can be edited for the System, Division, Service, Location, User Class, or User.



Figure 8-1: Reminder Configuration dialog

Note: Sites can choose to activate the reminders for specific users during a testing phase.

- 3. Remove old reminders from the **System Level** once they are ready to deploy the new reminders across the facility. Double-click the old reminders listed in the bottom-right pane to remove it from the cover sheet list.
- 4. Select the reminders with the date 2011 from the Available Reminders & Categories column.
- 5. Double-click to add them to the **System Level Reminders** column.



Figure 8-2: Clinical Reminders and Reminder Categories Displayed on Cover Sheet window

9.0 Reviewing the Reminder

This section describes how to review the reminder.

9.1 Reminder Test

Refer to *RPMS Clinical Reminders Managers Manual Setup and Maintenance Guide* for instructions on testing reminders.

- 1. Select Reminder Test (TST) from the Reminder Configuration menu.
- 2. Enter a **patient name** and the **reminder**.
- 3. Use the scroll bar to scroll backwards and view the data.

This is an example (Figure 9-1) of a reminder test for the **IHS-SDOH ANNUAL EXAM** reminder.

```
Select Reminder: IHS-SDOH ANNUAL EXAM
                                             NATIONAL
Enter date for reminder evaluation: Oct 17, 2024// (OCT 17, 2024)
Display all term findings? N// YES
Browse or Print? P// rint
DEVICE: HOME// ;;9999999 TELNET
Reminder: IHS-SDOH ANNUAL EXAM
Patient: DEMO, GIRL
The elements of the FIEVAL array are:
FIEVAL(1) = 0
FIEVAL(1, "BDT") =
FIEVAL(1, "EDT") =
FIEVAL(1, "TERM") = IHS-SDOH FOOD
FIEVAL(1, "TERM IEN")=105
FIEVAL(2) = 0
FIEVAL(2, "BDT") =
FIEVAL(2, "EDT") =
FIEVAL(2, "TERM") = IHS-SDOH HOUSING
FIEVAL(2, "TERM IEN")=116
FIEVAL(3) = 0
FIEVAL(3, "BDT") =
FIEVAL(3, "EDT") =
FIEVAL(3, "TERM") = IHS-SDOH INTERPERSONAL SAFETY
FIEVAL(3, "TERM IEN")=117
FIEVAL(4) = 0
FIEVAL(4, "BDT") =
FIEVAL(4, "EDT") =
FIEVAL(4, "TERM") = IHS-SDOH TRANSPORTION
FIEVAL(4, "TERM IEN")=118
FIEVAL(5) = 0
FIEVAL(5, "BDT") =
FIEVAL(5, "EDT") =
FIEVAL(5, "TERM") = IHS-SDOH UTILITIES
FIEVAL(5, "TERM IEN")=119
FIEVAL(6) = 0
FIEVAL(6, 1) = 0
FIEVAL(6,1,"CSUB","DATE")=3241017.161535
```

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```
FIEVAL(6,1,"DATE")=3241017.161535
FIEVAL(6, "BDT") =
FIEVAL(6, "BDTE")=0
FIEVAL(6, "CSUB", "DATE") = 3241017.161535
FIEVAL(6, "DATE") = 3241017.161535
FIEVAL(6, "EDT") =
FIEVAL(6, "EDTE") = 3241017.235959
FIEVAL(6, "FILE NUMBER") = 811.4
FIEVAL(6, "FINDING") = 110; PXRMD(811.4,
FIEVAL("AGE")=1
FIEVAL ("AGE", 1) = 1
FIEVAL("DFN")=7828
FIEVAL("EVAL DATE/TIME")=3241017.161535
FIEVAL("PATIENT AGE")=24
FIEVAL("SEX")=1
Term findings:
Finding 1:
TFIEVAL(1, 1) = 0
TFIEVAL(1,1,"BDTE")=0
TFIEVAL(1,1,"EDTE")=3241017.235959
TFIEVAL(1,1,"FINDING")=47;AUTTEXAM(
Finding 2:
TFIEVAL(2, 1) = 0
TFIEVAL(2,1,"BDTE")=0
TFIEVAL(2,1,"EDTE")=3241017.235959
TFIEVAL(2,1,"FINDING")=48;AUTTEXAM(
Finding 3:
TFIEVAL(3, 1) = 0
TFIEVAL(3, 1, "BDTE") = 0
TFIEVAL(3,1,"EDTE")=3241017.235959
TFIEVAL(3,1,"FINDING")=51;AUTTEXAM(
Finding 4:
TFIEVAL(4, 1) = 0
TFIEVAL(4,1,"BDTE")=0
TFIEVAL(4,1,"EDTE")=3241017.235959
TFIEVAL(4,1,"FINDING")=49;AUTTEXAM(
Finding 5:
TFIEVAL(5, 1) = 0
TFIEVAL(5,1,"BDTE")=0
TFIEVAL(5,1,"EDTE")=3241017.235959
TFIEVAL(5,1,"FINDING")=50;AUTTEXAM(
The elements of the ^TMP(PXRMID, $J) array are:
^TMP(PXRMID,$J,137,"PATIENT COHORT LOGIC")=1^(SEX)&(AGE)&'FI(6)^(1)&(1)&'0
^TMP(PXRMID,$J,137,"REMINDER NAME")=SDOH Annual Exam
^TMP(PXRMID,$J,137,"RESOLUTION LOGIC")=0^(1)&FI(1)&FI(2)&FI(3)&FI(4)&FI(5)^(1)&0
0.20.20.20.2
^TMP(PXRMID, $J, 137, "zFREQARNG")=1Y^17Y^119Y^Baseline
The elements of the ^TMP("PXRHM", $J) array are:
^TMP("PXRHM",$J,137,"SDOH Annual Exam")=DUE NOW^DUE NOW^unknown
^TMP("PXRHM",$J,137,"SDOH Annual Exam","TXT",1)=Frequency: Due every 1 year for
ages 17Y to 119Y.
^TMP("PXRHM",$J,137,"SDOH Annual Exam","TXT",2)=Patient is an adult and requires
a SDOH screening annualy
^TMP("PXRHM", $J,137, "SDOH Annual Exam", "TXT", 3) =
^TMP("PXRHM",$J,137,"SDOH Annual Exam","TXT",4)=Patient is an adult and has not
```

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completed a Food, Housing, ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",5)=Transportation, Utilities, and I nterpersonal Safety screening in the ^TMP("PXRHM", \$J, 137, "SDOH Annual Exam", "TXT", 6) = last year. ^TMP("PXRHM", \$J, 137, "SDOH Annual Exam", "TXT", 7) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",8)=PLEASE NOTE: Reminder will remai n due until ALL 5 domains for SDOH exam ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",9)=have either a positive or negati ve to complete result. ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",10) = ____ ^TMP("PXRHM", \$J,137, "SDOH Annual Exam", "TXT",12) = ^TMP("PXRHM", \$J, 137, "SDOH Annual Exam", "TXT", 13) = CITATIONS ^TMP("PXRHM", \$J, 137, "SDOH Annual Exam", "TXT", 14) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",15)=Question 1,5,11,12: Health Lead s. (2018). Social needs screening ^TMP("PXRHM", \$J,137, "SDOH Annual Exam", "TXT", 16) = toolkit. ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",17)=https://healthleadsusa.org/reso urces/the-health-leads-screening-toolkit/ ^TMP("PXRHM", \$J,137, "SDOH Annual Exam", "TXT",18) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",19)=Question 2: Nuruzzaman, N., Bro adwin, M., Kourouma, K., & Olson, D. P. ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",20)=(2015). Making the Social Deter minants of Health a Routine Part of ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",21)=Medical Care. Journal of Health care for the Poor and Underserved, ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",22)=26(2), 321-327. ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",23) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",24)=Question 3,4: Hager, E. R., Qui gg, A. M., Black, M. M., Coleman, S. M., ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",25)=Heeren, T., Rose-Jacobs, R., Fr ank, D. A. (2010). Development and ^TMP("PXRHM", \$J,137, "SDOH Annual Exam", "TXT", 26) = Validity of a 2-Item Screen to Identify Families at Risk for Food ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",27)=Insecurity. Pediatrics, 126(1), ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",28)=26-32. doi:10.1542/peds.2009-31 46 ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",29) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",30)=Questions 6: Cook, J. T., Frank , D. A., Casey, P. H., Rose-Jacobs, R., ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",31)=Black, M. M., Chilton, M., . . . Cutts, D. B. (2008). A Brief Indicator ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",32)=of Household Energy Security: A ssociations with Food Security, Child ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",33)=Health, and Child Development i n US Infants and Toddlers. Pediatrics, ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",34)=122(4), 867-875.doi:10.1542/ped s.2008-0286 ^TMP("PXRHM", \$J, 137, "SDOH Annual Exam", "TXT", 35) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",36) = ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",37)=Questions 7-10: Sherin, K. M., Sinacore, J. M., Li, X. Q., Zitter, R. ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",38)=E., & Shakil, A. (1998). HITS: a Short Domestic Violence Screening Tool ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",39)=for Use in a Family Practice Se tting. Family Medicine, 30(7), 508-512 ^TMP("PXRHM", \$J,137, "SDOH Annual Exam", "TXT", 40) = ^TMP("PXRHM", \$J, 137, "SDOH Annual Exam", "TXT", 41) = ^TMP("PXRHM", \$J,137, "SDOH Annual Exam", "TXT", 42)=AHC Tool: Billioux, A., MD, DPh il, Verlander, K., MPH, Anthony, S.,

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^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",43)=DrPH, & Alley, D., PhD. (2017). Standardized Screening for ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",44)=Health-Related Social Needs in Clinical Settings: The Accountable ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",45)=Health Communities Screening To ol. National Academy of Medicine ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",46)=Perspectives, 1-9. ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",47)=https://nam.edu/wpcontent/uploa ds/2017/05/Standardized-Screening-for-Hea ^TMP("PXRHM",\$J,137,"SDOH Annual Exam","TXT",48)=lth-Related-Social-Needs-in-Cli _____ Maintenance Output: --STATUS-- --DUE DATE-- --LAST DONE--DUE NOW DUE NOW unknown SDOH Annual Exam Frequency: Due every 1 year for ages 17Y to 119Y. Patient is an adult and requires a SDOH screening annualy Patient is an adult and has not completed a Food, Housing, Transportation, Utilities, and Interpersonal Safety screening in the last year. PLEASE NOTE: Reminder will remain due until ALL 5 domains for SDOH exam have either a positive or negative to complete result.

Figure 9-1: Reminder Test Output screen

9.2 View Reminders Due

Users will generally report when a reminder is due and should not be. However, they are less likely to notice and report when a reminder is not due, but it should be, or not applicable when it should be.

The CAC must test for this specifically or risk deploying a reminder system that will omit patients erroneously. Doing so results in missed opportunities to screen, monitor, and identify interventions for high-risk patients.

Do the following:

1. Log on to the **RPMS-EHR** application.

Note: If you have installed any new reminders/dialogs, you must log off, and then log back on again.

- 2. Pick a **patient** who would have one of the reminders applicable and due.
 - The reminder alarm clock should be **RED** for someone with a reminder due.
 - If you click the alarm clock, you should see a list of reminders due.

- Right-click the reminder due and review any of the options in the drop-down menu.
- 3. Pick a **patient** who would have one of the reminders applicable, but not due.
 - The reminder alarm clock should be **BLUE** for someone with a reminder resolved
- 4. Pick a **patient** who would not have one of the reminders applicable.
 - The reminder clock should be WHITE for someone with a reminder that is not applicable to them
 - Be sure to check all the reminders before adding them to the system level

9.3 View Reminders on Cover Sheet

The following shows Reminders that are **Due Now** or **Due Soon** on Cover Sheet (Figure 9-2).

Reminders					
Reminder 🔺	Date				
P-HgbA1c Tetanus Shot	DUE NOW DUE NOW				

Figure 9-2: Reminders on Cover Sheet

9.4 View Reminders Icon

The reminder icon is an alarm clock (Figure 9-3).



Figure 9-3: Reminder Icon

The clock appears **RED** if reminders are due, and **BLUE** if there is nothing due. Clicking the clock displays when reminders are due, and when it was last done.

1. Click the **Reminder icon** (in the toolbar) (Figure 9-4) to open up the list of items to view.

Available Reminders	×
View Action	
Available Reminders	Due Date Last Occurrence Priority
📮 🗠 Due	
Height	08/20/2009 08/20/2008
HepA Ped Immunization	DUE NOW
IPV Immunization	DUE NOW
Lipid Profile Female	DUE NOW
MMR Immunization	DUE NOW 08/20/2008
Weight	02/19/2009 08/20/2008
TD Immunization	DUE NOW
Varicella Immunization	DUE NOW
🛛 🥁 Asthma Management Plan	DUE NOW
Asthma Primary Provider	DUE NOW
Asthma Severity	DUE NOW
Asthma-on steroids	DUE NOW
Asthma Control	DUE NOW
DM Dental Exam	DUE NOW
EPSDT Evaluation	DUE NOW
🛛 🦉 Dental Visit	DUE NOW
主 🗠 🔁 Applicable	
🗈 🖻 Not Applicable	
😟 🗂 All Evaluated	
🗄 🔁 Other Categories	

Figure 9-4: Available Reminders example

2. Right-click any **item** in the list and a selection of items from which to choose appears.

9.4.1 Clinical Maintenance

The **Clinical Maintenance** dialog shows why the reminder is due. For the new reminders with computed findings, it will display only the item returned in the PCC reminder call.

The clinical maintenance displays in two places:

- 1. Right-click the **reminder** and select **Clinical Maintenance**.
- 2. While processing the reminder, select the **Clinical Maintenance** button from the bottom of the screen (Figure 9-5).

🌍 Clinical Maintenance: SDOH Annual Exam \times --STATUS-- --DUE DATE-- --LAST DONE--~ DUE NOW DUE NOW unknown Frequency: Due every 1 year for ages 17Y to 119Y. Patient is an adult and requires a SDOH screening annualy Patient is an adult and has not completed a Food, Housing, Transportation, Utilities, and Interpersonal Safety screening in the last year. PLEASE NOTE: Reminder will remain due until ALL 5 domains for SDOH exam have either a positive or negative to complete result. CITATIONS Question 1,5,11,12: Health Leads. (2018). Social needs screening toolkit. https://healthleadsusa.org/resources/the-health-leads-screening-toolkit/ Question 2: Nuruzzaman, N., Broadwin, M., Kourouma, K., & Olson, D. P. (2015). Making the Social Determinants of Health a Routine Part of Medical Care. Journal of Healthcare for the Poor and Underserved, 26(2), 321-327. Question 3,4: Hager, E. R., Quigg, A. M., Black, M. M., Coleman, S. M., Heeren, T., Rose-Jacobs, R., Frank, D. A. (2010). Development and Validity of a 2-Item Screen to Identify Families at Risk for Food Insecurity. Pediatrics, 126(1), 26-32. doi:10.1542/peds.2009-3146 Questions 6: Cook, J. T., Frank, D. A., Casey, P. H., Rose-Jacobs, R., Black, M. M., Chilton, M., . . . Cutts, D. B. (2008). A Brief Indicator of Household Energy Security: Associations with Food Security, Child Health, and Child Development in US Infants and Toddlers. Pediatrics, 122(4), 867-875.doi:10.1542/peds.2008-0286 Font 9 🜲 Print... Close Size:

Figure 9-5: Clinical Maintenance screen

9.4.2 Do a Reminder Inquiry

A reminder inquiry displays the reminder logic. Reminder Inquiry data can be displayed by right-clicking on the reminder and selecting **Reminder Inquiry**.

```
HS-SDOH ANNUAL EXAM No. 137

Print Name: SDOH Annual Exam

Class: NATIONAL

Sponsor:

Review Date:
```

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Rescission Date: Usage: CPRS, DATA EXTRACT, REPORTS Related VA-* Reminder: Reminder Dialog: IHS-SDOH SCREEN 2024V2 Priority: Description: This reminder is for yearly outpatient screening for Social Drivers of Health (SDOH) REMINDER DUE: Reminder is due for patients age 18y-119y with no evidence of SDOH screening documented within the past year. NOTE: All 5 SDOH Screening domains must be documented with the past year to satisfy this reminder. Bibliographic citation: Healthy People 2030, Social Determinants of Health Developer: IHS Office of Information Technology Funding Source: Indian Health Service Release: 2024 Other Attributes: Social Determinants of Health information is gathered as part of the screening process prompted by this clinical decision support tool _____ _____ Technical Description: Baseline Frequency: Do In Advance Time Frame: Do if DUE within 3 months Sex Specific: Ignore on N/A: Frequency for Age Range: 1 year for ages 17Y to 119Y Match Text: Patient is an adult and requires a SDOH screening annualy No Match Text: Patient is under 18 y/o and does not require a SDOH screen Findings: ---- Begin: IHS-SDOH FOOD (FI(1)=RT(105)) -----Finding Type: REMINDER TERM Use in Resolution Logic: AND Mapped Findings: EX.SDOH FOOD ---- End: IHS-SDOH FOOD --------- Begin: IHS-SDOH HOUSING (FI(2)=RT(116)) -----Finding Type: REMINDER TERM Use in Resolution Logic: AND Mapped Findings: EX.SDOH HOUSING

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---- End: IHS-SDOH HOUSING --------- Begin: IHS-SDOH INTERPERSONAL SAFETY (FI(3)=RT(117)) -------Finding Type: REMINDER TERM Use in Resolution Logic: AND Mapped Findings: EX.SDOH INTERPERSONAL SAFETY ---- End: IHS-SDOH INTERPERSONAL SAFETY --------- Begin: IHS-SDOH TRANSPORTION (FI(4)=RT(118)) -----Finding Type: REMINDER TERM Use in Resolution Logic: AND Mapped Findings: EX.SDOH TRANSPORTATION ---- End: IHS-SDOH TRANSPORTION --------- Begin: IHS-SDOH UTILITIES (FI(5)=RT(119)) -----Finding Type: REMINDER TERM Use in Resolution Logic: AND Mapped Findings: EX.SDOH UTILITIES ---- End: IHS-SDOH UTILITIES --------- Begin: VA-IS INPATIENT (FI(6)=CF(110)) -----Finding Type: REMINDER COMPUTED FINDING Use in Patient Cohort Logic: AND NOT ---- End: VA-IS INPATIENT -----General Patient Cohort Found Text: Patient is an adult and has not completed a Food, Housing, Transportation, Utilities, and Interpersonal Safety screening in the last year. PLEASE NOTE: Reminder will remain due until ALL 5 domains for SDOH exam have either a positive or negative to complete result. _____ CITATIONS Question 1,5,11,12: Health Leads. (2018). Social needs screening toolkit. https://healthleadsusa.org/resources/the-health-leads-screening-toolkit/ Question 2: Nuruzzaman, N., Broadwin, M., Kourouma, K., & Olson, D. P. (2015). Making the Social Determinants of Health a Routine Part of Medical Care. Journal of Healthcare for the Poor and Underserved, 26(2), 321-327. Question 3,4: Hager, E. R., Quigg, A. M., Black, M. M., Coleman, S. M., Heeren, T., Rose-Jacobs, R., Frank, D. A. (2010). Development and Validity of a 2-Item Screen to Identify Families at Risk for Food Insecurity. Pediatrics, 126(1), 26-32. doi:10.1542/peds.2009-3146 Questions 6: Cook, J. T., Frank, D. A., Casey, P. H., Rose-Jacobs, R., Black, M. M., Chilton, M., . . . Cutts, D. B. (2008). A Brief Indicator

of Household Energy Security: Associations with Food Security, Child Health, and Child Development in US Infants and Toddlers. Pediatrics, 122(4), 867-875.doi:10.1542/peds.2008-0286 Questions 7-10: Sherin, K. M., Sinacore, J. M., Li, X. Q., Zitter, R. E., & Shakil, A. (1998). HITS: a Short Domestic Violence Screening Tool for Use in a Family Practice Setting. Family Medicine, 30(7), 508-512 AHC Tool: Billioux, A., MD, DPhil, Verlander, K., MPH, Anthony, S., DrPH, & Alley, D., PhD. (2017). Standardized Screening for Health-Related Social Needs in Clinical Settings: The Accountable Health Communities Screening Tool. National Academy of Medicine Perspectives, 1-9. https://nam.edu/wpcontent/uploads/2017/05/Standardized-Screening-for-Hea ------Summary Resolution Not Found Text: All adult patients are required to have been screened yearly for food, housing, transportation, utilities and interpersonal safety. Reminder will remain due until patient has been screened for food AND housing, AND transportation, AND untilities AND interpersonal safety screening. ALL 5 domains must be assess every year. _____ CITATIONS Question 1,5,11,12: Health Leads. (2018). Social needs screening toolkit. https://healthleadsusa.org/resources/the-health-leads-screening-toolkit/ Question 2: Nuruzzaman, N., Broadwin, M., Kourouma, K., & Olson, D. P. (2015). Making the Social Determinants of Health a Routine Part of Medical Care. Journal of Healthcare for the Poor and Underserved, 26(2), 321-327. Question 3,4: Hager, E. R., Quigg, A. M., Black, M. M., Coleman, S. M., Heeren, T., Rose-Jacobs, R., Frank, D. A. (2010). Development and Validity of a 2-Item Screen to Identify Families at Risk for Food Insecurity. Pediatrics, 126(1), 26-32. doi:10.1542/peds.2009-3146 Questions 6: Cook, J. T., Frank, D. A., Casey, P. H., Rose-Jacobs, R., Black, M. M., Chilton, M., . . . Cutts, D. B. (2008). A Brief Indicator of Household Energy Security: Associations with Food Security, Child Health, and Child Development in US Infants and Toddlers. Pediatrics, 122(4), 867-875.doi:10.1542/peds.2008-0286 Questions 7-10: Sherin, K. M., Sinacore, J. M., Li, X. Q., Zitter, R. E., & Shakil, A. (1998). HITS: a Short Domestic Violence Screening Tool for Use in a Family Practice Setting. Family Medicine, 30(7), 508-512 AHC Tool: Billioux, A., MD, DPhil, Verlander, K., MPH, Anthony, S., DrPH, & Alley, D., PhD. (2017). Standardized Screening for Health-Related Social Needs in Clinical Settings: The Accountable Health Communities Screening Tool. National Academy of Medicine Perspectives, 1-9. https://nam.edu/wpcontent/uploads/2017/05/Standardized-Screening-for-Hea

Figure 9-6: Reminder Inquiry of a Reminder screen

9.4.3 Look at the Reminder Icons

The following (Figure 9-7) explains the various **Reminder icons**.



Figure 9-7: Reminders Tab on Icon Legend window

9.5 View Reminders on the Health Summary

You can also view the **Reminders** in a **Health Summary** on the **Reports** tab (Figure 9-8). Users can either create a **VA Health Summary** type for reminders or the **VA Health Summary** components that already exist can be added to the **Ad Hoc** report.

Once created, the summary type is added using the parameter **ORWRP HEALTH SUMMARY LIST**.

If you have already added reminders to health summaries, these will need to be updated by removing the old reminders and adding in the ones that came with this patch.

Patient Chart Communication											
Demo,Female 247650 05-Apr-1980 (25)	£	Visit not selected HAGER MARY G	Prie	nay Care Team Unas	signed			Postings WA	1 1	3	•===
Available Reports	Health Summary Re	eminders									
Patient Chait Communication Demo, Female 241550 05-Apr-1300 (25) Available Reports © Chrical Reports © Health Summary – Advo Report – Adv With RN – Advo Report – Adv With RN – Advo Screen – Diabetes Registry – Diabetes Registry – Diabetes Registry – Diabetes Registry – Diabetes Standard – Diabetes Standard – Diabetes Standard – Pediatic Test – Pediatic Test – Pediatic Test – Pediatic Test – Priorital – Rois Refensiti – Rois Refensiti – Rois Refensiti – Rois Refensiti – Bod Bank Reports Imaging (local only) Lab Statu Blood Bank Reports – Nuntional Assessment – Nuntiona	F Heath Summay Re DEDO, FREALE The followin recommendati There are on appropriate based on cli P-Lipid Profi The followin recommendati These are on appropriate based on cli P-Lipid Profi Applicab 03/08/20 Prov. Patient Fatient Samaogram Patient been of patient	Visit not selected HAGERMARY G mindes CONFIDENTIAL 247650 CR g disease screening, ons are offered as g ly recommendations, : utilization of these nical judgment and ti le Female CH - B g disease screening, ons are offered as g ly recommendations, : utilization of these nical judgment and ti le Female le Female le Female le Soue every 1 year 05 Encounter Disgnos Marc Dishetes Mel- is dishetic and shou is over 45. Lipid prover 45 le Male offiles should be donn of dishetics. Fleame is the wrong sex! is in the age range does not meet any age	Peminders I Peminders I - Reminders I immunization uidelines to not practice for your im- be patient's STATUS DUE NOW eminder Main- immunization uidelines to not practice for your im- be patient's STATUS DUE NOW for all age: is: 250.00 PI litus Type for all age: S/A for yearly ma consider or N/A E ordering e criteria!	HEMARY pg. 1 Due	igned 05/24/2005 DOB: 04/01 DOB: 04/01 DOB: 04/01 Practice. ie taust be LAST DOBE	13:05		Portings WA		3	
	···· EID ·····	CONFIDENTIAL	Peminders St	MERARY pg. 1							
	na Autobaur A	Inter / Dub IDPU / Comme	n /Ontern /14	ateria data	Differen Jam	ute (Create Aut	marte Marillo - 2				
involucations a coversmeet a liss	on A weness A	HORES & PHODOPULY & Service	a xuden x M	escators a Labs a	CONSISTENCE Hep	Maria Consulta X Wa	seven's Hearn				

Figure 9-8: Health Summary Reminders on Report tab

Appendix A Common Install Questions/Issues

This section describes common install issues, questions, and solutions.

A.1 Programmer Access Message During Installation

Programmer access is required to install the reminders that contain a new computed finding.

If you do not have programmer access (*ⓐ* fileman access) you will see the following messages (Figure A-1) when you are installing reminders that contain a new computed finding:

```
Only programmers can install routines.
Only programmers can install Reminder Computed Findings.
```

Figure A-1: Messages screen

If there are no new computed findings packed in the reminder, ignore the message and continue through the installation process. If the computed finding was previously installed there will be an X under the column **Exists** on the right of the **Reminder Computed Finding** in the **Reminder Exchange**. Detailed instructions are available in the Programmer Access section of this guide.

Reinstall the **reminder dialog** and the error will be gone.

A.2 After Installed in Reminder Exchange Findings Say None

It can be confusing when you first look at your dialog definitions. Here is an example (Figure A-2) where the dialog definition looks like the finding items did not load correctly. In the exchange file, it looks like the finding did not load. This is because some components of dialogs do not have findings and this is expected. (Refer to Figure A-3).

	10: 8: B		0					
Dialog	Compo	onents		Oct 01, 2008 14:	96:25	Pag	e: 1	of 4
Packed	remin	nder dialog:	IHS-TO	BACCO SCREEN 200	7			
	See	Dialog Find	inee				Turne	Eviete
Item	Seq.	Utatog Find	CODEEN	1 2007			Type	EXISTS
1		THS-TOBACCO	SCREEN	2007			dialog	X
2	1	HD TOBACCO					element	x
		Finding: *N	ONE*					
3	5	GRP TOBACCO	SCREEN	1			group	х
		Finding: *N	ONE*					
4	5.5	HF LIFETIM	E NON-S	MOKER OTHER			element	x
		Finding: N	ON-TOBE	ACCO USER (HEALTH	FACTOR)			x
5	5.10	GRP CURREN	T/PREVI	OUS SMOKING			group	x
		Finding: *	NONE*					
6	5.10.	5 GRP CURRE	NT SMOK	ER			group	x
		Finding: *	NONE*					
7	5.10.	5.1 HF CURR	ENT SMC	KER			element	x
		Finding: C	URRENT	SMOKER (HEALTH F	ACTOR)			x
+	+	Next Screen	- Pr	ev Screen ?? M	ore Action	15		
DD D	ialog	Details	DT	Dialog Text	IS	Install	Selecte	d
DF D	ialog	Findings	DU	Dialog Usage	QU	Quit		
DS D	ialog	Summary	IA	Install All				
Select	Actio	on: Next Scr	een//					

Figure A-2: List of Findings screen

In the example above (Figure A-2), you will notice that the Groups (under Type) do not have findings. This is expected. If you actually navigate to the Group Edit screen and look at the detail of the Group (Figure A-3), you will see that each element in the group has an appropriate finding.

🔜 Ca	iche T	RM:	2760									F	×
File 1	Edit H	lelp											
Dial	og Ec	lit	List		Oct 01,	2008	14:19	:27	Page:	1	of	2	^
DIAL	OG GF	ROUE	NAME: GRP	CURRENT	SMOKER								
Sequ	uence	2	Dialog D	etails							Disa	bled	1
1			Dialog e	lement:	HF CUR	RENT	SMOKER	t.					
			Resoluti	on: OTH	ER								
			Finding	type: H	EALTH F	ACTOR							
			Finding	item: C	URRENT	SMOKE	R [HF	2)]					
			Addition	al prom	pts: PX	RM CO	MMENT						
2			Dialog e	lement:	HF CUR	RENT	SMOKEI	ESS					
			Resoluti	on: OTH	ER								
			Finding	type: H	EALTH F	ACTOR							
			Finding	item: C	URRENT	SMOKE	LESS (HF (3)]					
			Addition	al prom	pts: PX	RM CO	MMENT						
3			Dialog e	lement:	HF CUR	RENT	SMOKER	& SMOKE	ELESS OTHER				
			Resoluti	on: OTH	ER								
			Finding	type: H	EALTH F	ACTOR							
+		+	Next Screen	- Pr	ev Scre	en	?? Mor	e Action	ns			>>>	
CO	Copy	/ Di	alog Group	DP	Progre	ss No	te Tex	t ED	Edit/Delete	Gro	auc		1
DD	Deta	ile	d Display	DT	Dialog	Text		OU	Quit				
Sele	ct Se	aue	nce: Next S	creen//				**					I
			inter nemo e	//									

Figure A-3: Group Edit Screen

A.3 Access Violation Error When Processing Dialogs

An **Access Violation Error** occurs if you are processing a dialog (Figure A-4) and you select the **Clinical Maintenance** button from within the dialog.

	Reminder Resolution: SDOH Annual Exam				×
	SOCIAL DETERMINATION OF HEALTH SCREENING				
<		× 1,	adia akao d	Demi	×
.		11	nuicates a	nequi	
Z Ma	encounter information entered				•
	Clear Clinical <u>M</u> aint Kext	>	Finish		Cancel

Figure A-4: Reminder dialog

When you exit/save the dialog, you will receive this error message (Figure A-5):

Error	×
0	An unexpected error has occurred:
•	Access violation at address 40005CDE in module 'rtl70.bpl'. Read of address 00000001
	Contact technical support if the problem persists.
	ОК

Figure A-5: Access Violation Error

This is a known issue that will be fixed in a future RPMS-EHR patch. If you receive this error, log out of RPMS-EHR and log back on again. We recommend that you do not use the **Clinical Maintenance** button when processing dialogs. Instead, right-click a reminder or reminder dialog and select **Clinical Maintenance**.

Appendix B Data Object Last 3 Covid Immunization

The IHS-Covid-19 12 Y and Older Immunization 2024 and the IHS-Covid-19 Peds Age 6M-11Y Immunization 2024 Reminder Dialogs has a patient data object that will pull into the notes patient's last 3 Covid vaccines. Sites can elect to extend or reduce the number of Covid vaccine this object returns.

```
Document Definitions (Manager)
                           (2017 DEMO CLINIC TEHRC)
  DDM1
       Edit Document Definitions
        Sort Document Definitions
  DDM2
  DDM3 Create Document Definitions
  DDM4 Create Objects
  DDM5 List Object Descriptions
  DDM6 Create TIU/Health Summary Objects
  DDM7 Title Headers/Footers
Select Document Definitions (Manager) <TEST ACCOUNT> Option: DDM4 Create Objects
START DISPLAY WITH OBJECT: FIRST// DDM4 [ENTER]
GO TO OBJECT: LAST// .....
                            Oct 15, 2024 15:52:22
                                                        Page: 1 of
                                                                        28
Objects
                        Objects from DDM4 to LAST
60
     LAST # COVID IMMUNIZATION
                                                                Α
     LAST # LAB (NO DATES)
61
                                                                Ι
62
     LAST # LAB INR (NAME ONLY)
                                                                Ι
63
     LAST # LAB TEST (NAME ONLY)
                                                                Ι
     LAST # LAB TEST (SAMPLE)
64
                                                                Т
     LAST # MONKEYPOX IMMS
65
                                                                А
     LAST # VITAL SIGN (NAME ONLY)
66
                                                                Ι
     LAST # VITAL SIGN (SAMPLE)
67
                                                                Ι
      last 3 bp
68
                                                                Α
69
      LAST 3 02
                                                                А
      LAST 5 WEIGHTS
70
                                                                А
     LAST ANTICOAG
71
                                                                Α
72
     LAST AUDIT 3
                                                                Α
73
     LAST AUDITC 3
                                                                Α
                            Detailed Display/Edit
    Find
                                                   Copy/Move
    Change View
                                                     Quit
                            Try
    Create
                             Owner
Select Action: Next Screen// COPY Copy/Move [ENTER]
Select Entry to Copy: (60-73): 60 [ENTER]
Copy into (different) Name: LAST # COVID IMMUNIZATION
 Replace ... With LAST 3 COVID IMMUNIZATIONS Replace
  LAST 3 COVID IMMUNIZATIONS [ENTER]
OBJECT copied into File Entry #1914
Press RETURN to continue or '^' or '^^' to exit:
```

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Please test the copy object and activate it when it is ready for users to embed it in boilerplate text. Oct 15, 2024 15:53:36 Objects Page: 5 of 28 Objects from DDM4 to LAST + Status + Status LAST # COVID IMMUNIZATION 60 А 61 LAST # LAB (NO DATES) Т LAST # LAB INR (NAME ONLY) 62 Ι LAST # LAB TEST (NAME ONLY) 63 Τ LAST # LAB TEST (SAMPLE) 64 Т 65 LAST # MONKEYPOX IMMS Α LAST # VITAL SIGN (NAME ONLY) 66 Ι LAST # VITAL SIGN (SAMPLE) 67 Т 68 last 3 bp Α 69 LAST 3 COVID IMMUNIZATIONS Ι 70 LAST 3 O2 Α LAST 5 WEIGHTS 71 А LAST ANTICOAG 72 Α last audit 3 73 Α Find Detailed Display/Edit Copy/Move Change View Try Quit Create Owner Select Action: Next Screen// DET Detailed Display/Edit [ENTER] Select Entry: (60-73): 69 [ENTER] Detailed Display Oct 15, 2024 15:53:56 Page: 1 of 2 Object LAST 3 COVID IMMUNIZATIONS Basics LAST 3 COVID IMMUNIZATIONS Name: VHA Enterprise Standard Title: Abbreviation: Print Name: Type: OBJECT IFN: 1914 National Standard: NO Status: INACTIVE Owner: CLINICAL COORDINATOR Technical Fields Object Method: S X=\$\$LASTCOV^BTIUL08(\$G(DFN),"207^208^212*213;Covid Vax", 3, 1, 0) Basics Find Description Edit Technical Fields Delete Try Quit Select Action: Quit// TECH Technical Fields [ENTER] OBJECT METHOD: S X=\$\$LASTCOV^BTIULO8(\$G(DFN),"207^208^212*213;Covid Vax",3,1,0)

to reduce or extend how many vaccines this object returns, you simply change the #3, shown above, the number of vaccine return you would like to return. The default for this object is 3. Replace 207^208^212*213 [ENTER] With 207^208^212^213^211^217^229^300^309^308^310^312^311^313 [ENTER] Replace Detailed Display Oct 15, 2024 15:57:19 Page: 1 of 2 Object LAST 3 COVID IMMUNIZATIONS Standard Title: Abbreviation: Print Name: Type: OBJECT IFN: 1914 National Standard: NO Status: INACTIVE Owner: CLINICAL COORDINATOR Technical Fields Object Method: S x=\$\$LASTCOV^BTIULO8(\$G(DFN),"207^208^212^213^211^217^229^300^309^308^310^ 312^313^311;Covid Vax",3,1,0) Basics Find Description Edit Technical Fields Delete Try Quit Select Action: Quit// BAS Basics [ENTER] NAME: LAST 3 COVID IMMUNIZATIONS Replace [ENTER] ABBREVIATION: [ENTER] PRINT NAME: [ENTER] CLASS OWNER: CLINICAL COORDINATOR// CLINICAL COORDINATOR [ENTER] STATUS: (A/I): INACTIVE// AC ACTIVE Entry Activated. [ENTER]

Contact Information

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

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