



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **Clinical Reminders**

(PXRМ)

## **Implementation Guide**

Version 2.0 Patch 1017  
April 2026

Office of Information Technology  
Division of Information Technology

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## **Preface**

This documentation applies to the reminders distributed in v2.0 p1017 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 **PXRM V2.0 1017** patch. We strongly recommend reviewing this entire document before installing and setting up the **Clinical Reminders 1017** 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/package/docs/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 patch 1017**.

### 2.1 New Features

This patch contains:

New reminder definition.

- IHS-Colon Cancer Screen 2025
- IHS-Tobacco Screening 2025 (includes E-CIG)

New immunization reminder dialogs to streamline documentation.

- IHS-Colon Cancer Screening 2025 Dialog
- IHS-Tobacco/E-CIG Screening 2025 Dialog
- IHS-Screening Bundle 2025 Dialog
- IHS-Sample Measurement Refusal

New prompts to aid in immunization documentation.

- PXRМ HF END DATE
- PXRМ HF START DATE

New Prompts for entering refusals for exams and CPTs codes

- PXRМ CPT REFUSED
- PXRМ HF EXAM REFUSED
- PXRМ MSR REFUSED

## 3.0 Installation Checklist

Review the patch notes and this guide. The appropriate IRM or CAC staff should perform the following steps in the order that they are presented.

1. Install the **KIDS build** by appropriate IRM personnel (see Section 8.0 ).
2. Install the reminders in Reminder Exchange that will be used at the facility (see Section 9.0).
3. Install, link, and enable the **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.
5. Review the installed reminders and dialogs (see Appendix A).

## 4.0 Review National Reminder Definitions

### 4.1 IHS-Colon Cancer Screening 2025

**APPLICABLE TO:** Patients 45–75 years old without a history of neoplasm of the colon or history of a total colectomy.

**REMINDER DUE:**

- If no HSgFOBT test done in the past year
- If no FIT test done in the past year
- If no DNA-FIT done in the past 3 years
- If no Sigmoidoscopy done in the past 5 years
- If no CT Colonography in the past 5 years
- If no Colonoscopy done in the past 10 years

**DUE IN ADVANCE TIME FRAME:** 3 months in advance

**FREQUENCY:** Depends on test performed (see list above)

**RESOLUTION:** Reminders resolved if HSgFOBT or FIT test done in the past year. Or if DNA-FIT test done in the past 3 years. Or if Sigmoidoscopy or CT Colonography was done in the past five years. Finally, if Colonoscopy done in the past 10 years.

**BIBLIOGRAPHIC CITATION:**

- Developer: IHS Office of Information Technology
- Funding Source: Indian Health Service
- Guidance: American Cancer Society, National Cancer Institute (2023), and USPSTF guidelines for colorectal cancer (2021)
- Release: 2025

**RESOURCE:**

- American Cancer Society. (2020). [American Cancer Society Guideline for Colorectal Cancer Screening](#).
- National Cancer Institute. (2023). [Advances in Colorectal Cancer Research](#).
- U.S. Preventive Service Task Force. (2021). [Colorectal Cancer Screening](#).

- Helsingen, L. M., & Kalager, M. (2022). Colorectal cancer screening—approach, evidence, and future directions. *NEJM Evidence*, 1(1), EVIDra2100035. DOI: 10.1056/EVIDra2100035

## 4.2 IHS-Tobacco/E-CIG Screening 2025

**APPLICABLE TO:** Patients five years old and older should be screened yearly for tobacco use.

**REMINDER DUE:** For all patients five years old and older with no tobacco screening, diagnosis or education documented in the past year.

**FREQUENCY:** Annually

**DUE IN ADVANCE TIME FRAME:** Three months in advance

**RESOLUTION:** Reminder resolves using RPMS data which aligns with the GPRA/CRS 2025 measurement (health factors) data definitions.

**BIBLIOGRAPHIC CITATION:**

- Developer: IHS Office of Information Technology
- Funding Source: Indian Health Service
- Guidance: CRS measure, HIS Epidemiology program: NQF measure #0028
- Release: 2025

## 5.0 National Reminder Dialogs

### 5.1 IHS-Colon Cancer Screening 2025

This dialog allows documentation of colon cancer screens.

#### 5.1.1 Colon Cancer Screening Dialog Overview

It contains three sections (Figure 5-1): order placement, patient education topic-prevention, and historical colorectal screening.

The dialog was designed to help guide the provider on data elements that will resolve the IHS-Colon Cancer Screening 2025 reminder definition and to provide a single point of entry for multiple items i.e., lab orders, procedures, historical data, refusals etc. The dialog can be used as is or for copying sections or subsection of each group to supplement locally created dialogs. Sites can also edit the order section to just include those orders available at each site within the national reminder or can use this order group to be added to a local reminder dialog. However, keep in mind that when you edit the national reminder, you are changing the original format. But you can restore the dialog to its original design by re-installing the reminder dialog from the exchange and selecting **overwrite** when prompted. We encourage sites to copy the reminder and then edit to site's specifications if customization is desired.

Reminder Dialog Template: IHS-colonoscopy 2025

Colorectal Cancer Screen:

- Patient assessed today for colorectal cancer screening needs.
- The following test ordered today.
- Historical colorectal cancer screening or screening done elsewhere.
- Colorectal cancer screening test ordered today and patient educated on the importance of following through.
- Documentation of Colorectal Cancer screening refusal.

\* Indicates a Required Field

Colorectal Cancer Screen:

<No encounter information entered>

Finish Cancel

Figure 5-1: Colon Cancer Screening Dialog Overview

### 5.1.2 Order Section

This section (Figure 5-2) is configured during installation of the dialog within the exchange. Site can edit this “group” to only include in the dialog the test performed at their site. The dialog contains combination of lab test and EHR Consults.

Reminder Dialog Template: IHS-colonoscopy 2025

Colorectal Cancer Screen:

Patient assessed today for colorectal cancer screening needs.

The following test ordered today.

Screening Options

Order placed for HSgFOBT (high sensitivity guaiac fecal occult blood test), test cards given to patient.

Order placed for FIT (fecal immunochemical test), kit given to patient.

Order placed for DNA-FIT (aka "Cologuard") and test kit given to patient or instructions were given to patient how to obtain the kit from the company performing the test.

Order placed for colonoscopy.

Order placed for flex sigmoidoscopy.

Order placed for CT Colonoscopy.

Historical colorectal cancer screening or screening done elsewhere.

Colorectal cancer screening test ordered today and patient educated on the importance of following through.

Documentation of Colorectal Cancer screening refusal.

\* Indicates a Required Field

Colorectal Cancer Screen:  
The following test ordered today.

<No encounter information entered>

Figure 5-2: Order section

### 5.1.3 Historical Colon Cancer Screening

This section (Figure 5-3) contains all the tests that can be entered historically to resolve the reminder. It will expand to reveal date, location and result prompt. All results are tied to procedure codes that are part of GPRA/CRS logic and will resolve reminder.

**Reminder Dialog Template: IHS-colonoscopy 2025**

**Colorectal Cancer Screen:**

- Patient assessed today for colorectal cancer screening needs.
- The following test ordered today.
- Historical colorectal cancer screening or screening done elsewhere.

For abnormal results, ensure additional documentation is captured to facilitate diagnoses and follow up as appropriate.

**Colonoscopy reported.**

**Date: \*** [ ] [ ] 2025 [ ] [ ]

**Location:** [ ]

**Results:** [ ]

- CT Colonoscopy reported.
- Flex Sigmoidoscopy reported.
- HSgFOBT (high sensitivity guaiac fecal occult blood test) reported.
- FIT (fecal immunochemical test) reported.
- DNA-FIT test reported.

- Colorectal cancer screening test ordered today and patient educated on the importance of following through.
- Documentation of Colorectal Cancer screening refusal.

\* Indicates a Required Field

---

Colonoscopy reported.  
Date: 2025 - Exact date is unknown

---

Procedures: **DIAGNOSTIC COLONOSCOPY (Historical)**

Figure 5-3: Historical Colon Cancer Screening

### 5.1.4 Patient education topics

This section (Figure 5-4) adds two education topic to your note and RPMS. The primary education topic is CA-TESTS and as an additional finding of CA-PREVENTION, which is added passively (additional findings) when this section is selected.

Figure 5-4: Patient Education Topic

### 5.1.5 Patient Refusal

This patch now contains the ability to add exam and CPT procedure refusal items via a reminder dialog (Figure 5-5). This dialog contains the ability to document refusals for colonoscopy, CT Colonoscopy, Flex sigmoidoscopy, fecal occult test and FIT-DNA test. Keep in mind that a refusal will not resolve the Colorectal Cancer Screening Reminder Definition. Only a resulted test or procedure code will satisfy the reminder.

Figure 5-5: Patient Refusal

## 5.2 IHS-Tobacco/E-CIG Screening Template 2025

This dialog (Figure 5-6) allows documentation of Tobacco Screening 2025, which includes documentation of Electronic Nicotine Delivery System. Reminder follows GPRA/CRS logic. It also meets NQF measure #0028.

### 5.2.1 Tobacco/E-CIG Dialog Overview

It contains five sections: past tobacco screens, tobacco use assessment, tobacco exposure assessment, and e-cigarette assessment, and cessation guidance.

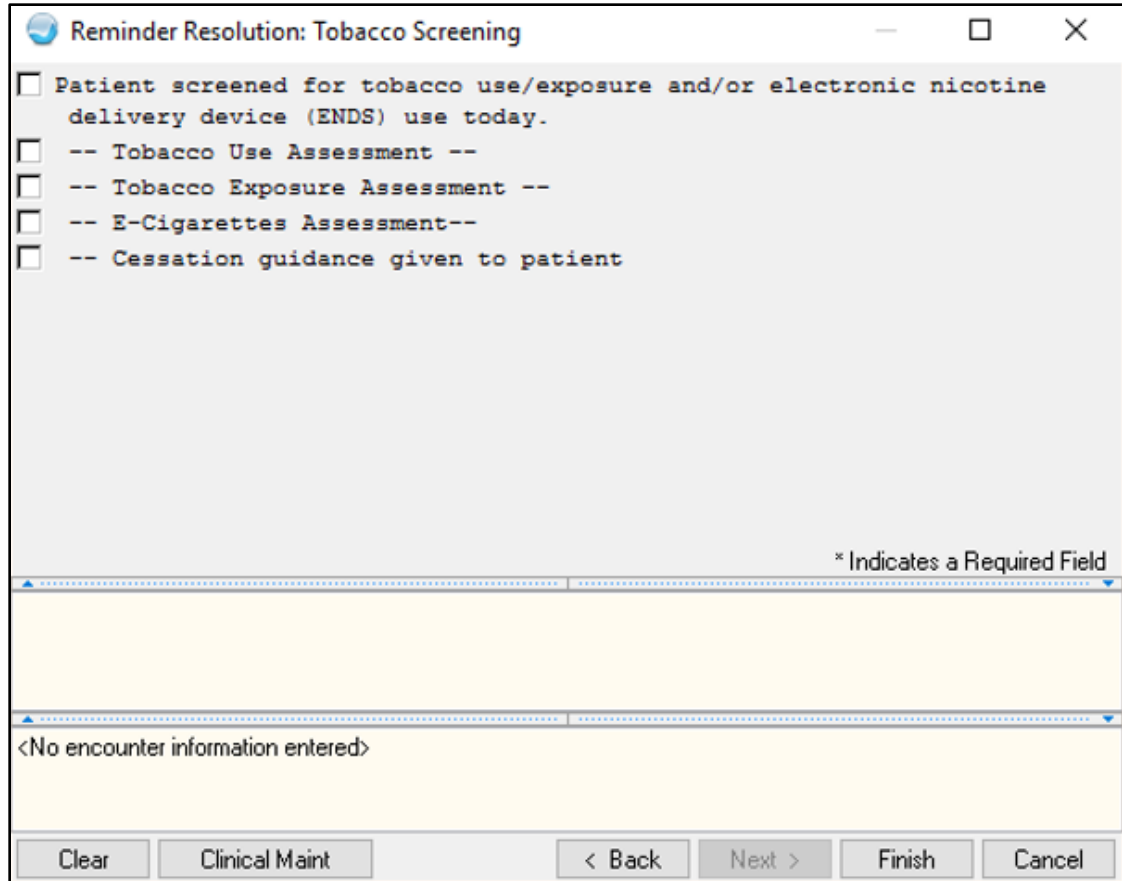


Figure 5-6: Dialog overview

### 5.2.2 Past Tobacco Screens

This section pulls past tobacco screens (Figure 5-7) from RPMS.

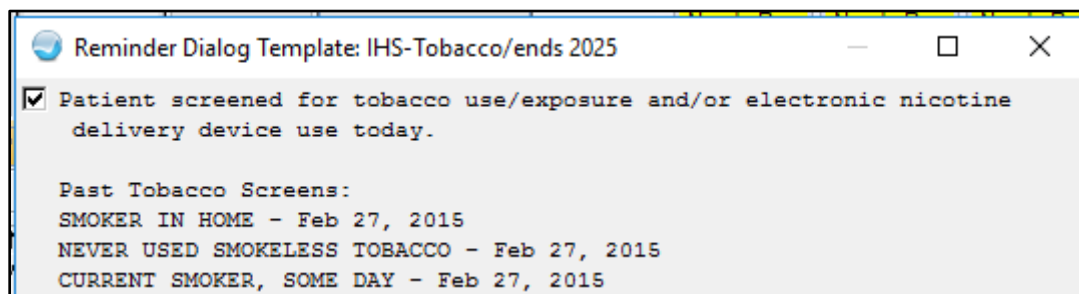


Figure 5-7: Past Tobacco Screens

### 5.2.3 Tobacco Use Assessment

This section (Figure 5-8) contains tobacco smoking health factors, ceremonial use only, current smoker (every day, some day and status unknown), heavy tobacco smoker, light smoker, never smoked, previous (former) smoker and smoking status unknown, current smokeless, previous smokeless, and smokeless tobacco.

Reminder Resolution: Tobacco Screening

Patient screened for tobacco use/exposure and/or electronic nicotine delivery device (ENDS) use today.

-- Tobacco Use Assessment --

- Patient has never used a tobacco product.
- Ceremonial tobacco use only.
- Current tobacco smoker.
- Patient currently uses smokeless tobacco
- Patient formerly smoked tobacco  
<READ ONLY: Entering a "Quit" date for former user of either tobacco or E-cigs will translate to "Start" date within the Health Factor component. By quitting, the patient has started their time as a former user.>
- Patient formerly used smokeless tobacco  
<READ ONLY: Entering a "Quit" date for former user of either tobacco or E-cigs will translate to "Start" date within the Health Factor component. By quitting, the patient has started their time as a former user.>

\* Indicates a Required Field

---

CLINICAL REMINDER ACTIVITY  
Tobacco Screening:

-- Tobacco Use Assessment --

<No encounter information entered>

Clear   Clinical Maint   < Back   Next >   Finish   Cancel

Figure 5-8: Tobacco Use Assessment

All health factors now contain new prompts for documenting start and end dates. To activate these prompts within the Health Factor EHR component, a new parameter **BGO HF START/END DATES** (See Section 6.0) was added.

**Note:** Not all health factors (HF) will contain both start and end prompts but will only contain the prompt that is appropriate for that HF.



Figure 5-11: Tobacco Exposure Documentation

### 5.2.5 E-Cigarette Assessment

This section (Figure 5-12) contains e-cigarette assessment: never used any E-cigarette, currently uses E-Cigarettes with nicotine, currently uses E-cigarette with other substances, and formerly used E-cigarettes.

Figure 5-12: E-Cigarette Assessment

## 5.2.6 Cessation guidance

This section (Figure 5-13) contains five patient education topics related to smoking quit, help, complications, literature and relapse prevention. This list is not all topics used can select under tobacco education, but the list represents those topics most used when performing tobacco assessment and education. The section also contains an order for tobacco cessation consult. Site can elect to remove this prompt if they don't offer tobacco cessation in form of a consult.

**Reminder Resolution: Tobacco Screening**

- Patient screened for tobacco use/exposure and/or electronic nicotine delivery device (ENDS) use today.
- Tobacco Use Assessment --
- Tobacco Exposure Assessment --
- E-Cigarettes Assessment--
  - Patient has never used any E-Cigarettes.
  - Patient currently uses E-cigarettes with nicotine.
  - Patient currently uses E-cigarettes with other substances.
  - Patient formerly used E-Cigarettes

<READ ONLY: Entering a "Quit" date for former user of either tobacco or E-cigs will translate to "Start" date within the Health Factor component. By quitting, the patient has started their time as a former user.>
- Cessation guidance given to patient
  - Tobacco Use-Quit education provided at this encounter.
  - Tobacco Use-Help line education provided at this encounter.
  - Tobacco Use-Complications education provided at this encounter.
  - Tobacco Use-Literature education provided at this encounter.
  - Tobacco Use-Relapse prevention provided at this encounter.
  - Order for tobacco cessation consult
    - per standing order
    - per provider order
    - per provider referral

\* Indicates a Required Field

Figure 5-13: Cessation guidance

## 5.3 IHS-Screening Bundle 2025

This dialog facilitates documentation of patient identity verification and who accompanied the patient to this encounter. It also contains ability to document occupation, learning preferences and barriers as well as the data entry of multiple screening tools and historical documentation of GPRA cancer screenings.

### 5.3.1 Screening Bundle Overview

The Screening Bundle Overview dialog (Figure 5-14) contains seven sections: Nurse screen (heading), Occupation History, Subjective, Objective, Nurse Screening Assessment, Historical Cancer Screenings, and Learning Preferences and Barriers.

The dialog was designed to be used as is or for copying sections or subsection of each group and use these sections to update a local screening dialog. If sites elect to edit the national reminder, keep in mind that doing so you are changing the original format. However, you can restore the dialog to its original design by re-installing the reminder dialog from the exchange and selecting **overwrite** when prompted. We encourage sites to copy the reminder and then edit to site's specifications if customization is desired.

Reminder Dialog Template: IHS-Screening Bundle 2025

=====  
**Nursing Screening**  
 =====

Patient Name: ADAMS,GREGORY  
 Visit Date: 10/21/25 10:28  
 Date of Birth: FEB 3,1984  
 Patient Age: 41 yrs old

Patient Identity confirmed by the following 2 identifiers:  
 name  date of birth  other:  
 \_\_\_\_\_

Primary care provider: JOHNSON,KATIE \_\_\_\_\_

Patient accompanied by:  
 Mother  
 Father  
 Guardian  
 Grandparent  
 No One  
 Other: \_\_\_\_\_

=====  
**Occupation History**  
 =====

Employment Status: FULL-TIME  
 Employer: FIRST AMERICAN BANK  
 Documented occupational factor(s): No OCCUPATION health factors found for patient

Add occupational factor(s) below if needed. Relevant history can be added

=====  
**Subjective**  
 =====

No Chief Complaint.

Allergies/ADR: STRAWBERRIES, TETANUS TOXOID, SULFA DRUGS

=====  
**Objective**  
 =====

=====  
**Nurse Screening Assessment**  
 =====

=====  
**Patient Screening Refusals**  
 =====

=====  
**Historical Cancer Screenings**  
 =====

=====  
**Learning Preferences and Barriers**  
 =====

Figure 5-14: Screening Bundle Overview

### 5.3.2 Nurse Screening (header)

This section (Figure 5-15) contains text that documents verification of patient's ID, National Patient Safety Goals, as well as providing ability to document who accompanied patient during the visit.

=====  
**Nursing Screening**  
 =====

Patient Name: [REDACTED]  
 Visit Date: 10/14/25 14:59  
 Date of Birth: FEB 2,1964  
 Patient Age: 61 yrs old

Patient Identity confirmed by the following 2 identifiers:  
 name  date of birth  other: [REDACTED]

Primary care provider: [REDACTED]

Patient accompanied by:  
 Mother  
 Father  
 Guardian  
 Grandparent  
 No One  
 Other: [REDACTED]

Figure 5-15: Nurse Screening (Header)

### 5.3.3 Occupation History

This section (Figure 5-16) contains employment information from patient registration and past occupation history entered as a health factor. The section contains a list of all the health factors under occupation category.

=====  
**Occupation History**  
 =====

Employment Status: UNEMPLOYED  
 Employer: UNEMPLOYED  
 Documented occupational factor(s): No OCCUPATION health factors found for patient

Add occupational factor(s) below if needed. Relevant history can be added in th

- Works day shift
- Desk job
- Job requires heavy lifting
- Works as a manager/administrator
- Works mixed shift
- Works night shift
- Works outdoors
- Retired
- High-risk occupation
- Works as a hospital or clinic staff employee
- Unemployed
- Works with animals
- Works with food

Figure 5-16: Occupation History

### 5.3.4 Subjective

This section (Figure 5-17) will pull information entered under the chief complaint area and allergies entered in RPMS. It also provides areas for additional information for chief complaint and/or allergies not entered prior to activating this dialog.

=====  
**Subjective**  
 =====

No Chief Complaint.

Allergies/ADR: Patient has answered NKA

Figure 5-17: Subjective

### 5.3.5 Objective

This section (Figure 5-18) contains five sections, visit vital signs (pulls from the vital entry component), enter vitals, immunization due, medication reconciliation, and patient goals. If vitals were not place for that visit before clicking on the dialog, user can still enter new vitals (Figure 5-19). Medication reconciliation expands to bring in active meds and allows entering of new meds. The outside medication dialog will be presented to user after clicking “finish” button and dialog closes (Figure 5-20). The dialog will bring any past patient goals (Figure 5-21) entered for that patient. If new patient goals are needed, users will need to enter these under the patient goal component.

Objective

Click here to include vital signs already entered on this visit.  
If none are entered, you will see "No Measurements Found" below.  
If you would like to enter vitals, skip this box and proceed to the next check box titled "Enter vitals here:"

Vital Signs: No Measurements Found

Enter Vitals here:

Immunizations Due: HEP B,NOS ( due)  
FLU,NOS ( due)

Medication Reconcilliation:

Patient Goals:

Figure 5-18: Objective

Objective

Click here to include vital signs already entered on this visit.  
If none are entered, you will see "No Measurements Found" below.  
If you would like to enter vitals, skip this box and proceed to the next check box titled "Enter vitals here:"

Vital Signs: No Measurements Found

Enter Vitals here:

Vital Signs

Blood Pressure: 120/80

Cuff size used:

Pulse:

Respiration:

Temperature:

Pain:

Pulse oximeter:

Immunizations Due: HEP B,NOS ( due)  
FLU,NOS ( due)

Medication Reconcilliation:

Patient Goals:

Figure 5-19: Entering Vital Signs

Vital Signs: No Measurements Found

Enter Vitals here:

Immunizations Due: HEP B,NOS ( due)  
FLU,NOS ( due)

Medication Reconciliation:

The following Allergies/Adverse Reactions were reviewed.  
AMOXICILLIN

Active Outpatient Medications (including Supplies):

Active Outpatient Medications	Status
1) LISINOPRIL 20MG TAB TAKE ONE (1) TABLET BY MOUTH DAILY	ACTIVE

(\*) behind the status of the medication indicates pharmacy may be contacted about available fills of this medication

Medication List was reviewed with the patient

If the patient is taking any additional medications not shown above, document these medications below in the Additional Medications section below. Also document in the Outside Medications order component, which will be presented to user at the end of this dialog. This will capture the medication as part of the Medications Component and provides greater visibility to all users of everything the patient is taking.

Additional medications:

Figure 5-20: Medication Reconciliation

Patient Goals:

Active Patient Goals, including steps and notes.

Goal 1) exercise more  
Goal Type: PHYSICAL ACTIVITY  
Start: 09/09/2025 Follow Up: 10/01/2025 Status: Active  
Reason:

Figure 5-21: Patient Goals

### 5.3.6 Nurse Screening Assessment

This section (Figure 5-22) contains six screens: Alcohol, Tobacco and/or electronic nicotine delivery system, PHQ depression, activity level, intimate partner violence, and fall risk. Alcohol Screen (Figure 5-23), Tobacco Screen, (Figure 5-24), Depression Screen (Figure 5-25), Fall Risk Screen (Figure 5-26).

=====  
 Nurse Screening Assessment  
 =====

Alcohol Screen  
 Tobacco and/or Electronic Nicotine Delivery System Screen  
 PHQ Depression Screen

Past Depression Screens: Date: Oct 04, 2016 Results: NORMAL/NEGATIVE

Activity Level Screen  
 Intimate Partner Violence Screen  
 Fall Risk Screen

Figure 5-22: Nurse Screening Assessment

Alcohol Screen

Click here to include past alcohol screening results in note  
 Last Alcohol Screen: Date: Jan 02, 2015 Results: NORMAL/NEGATIVE  
 Last CRAFFT: None found  
 Last AUDIT C: None found  
 Last AUDIT: None found  
 Last ALCOHOL/DRUG HF: CAGE 0/4 - Oct 04, 2016  
 No CAGE-AID health factors found for patient

-- Alcohol Screening Exam --  
 -- CRAFFT --  
 -- AUDIT-C --  
 -- AUDIT --  
 -- CAGE --  
 -- CAGE-AID --

Figure 5-23: Alcohol Screen

Alcohol Screen  
 Tobacco and/or Electronic Nicotine Delivery System Screen

Click here to include past tobacco screens. Past Tobacco Screens: No Tobacco health factors.  
 Patient screened for tobacco use/exposure and/or electronic nicotine delivery device (ENDS) use today.

-- Tobacco Use Assessment --  
 -- Tobacco Exposure Assessment --  
 -- E-Cigarettes Assessment--  
 -- Cessation guidance given to patient

Depression Screen  
 Activity Level Screen  
 Intimate Partner Violence Screen  
 Fall Risk Screen

Figure 5-24: Tobacco Screen

Depression Screen

Click here to include past depression screens.  
 Past Depression Screens: Date: Dec 03, 2025 Results: NORMAL/NEGATIVE

Last 3 PHQ2: 2 (Dec 03, 2025@13:33)

Last 3 PHQ9: 10 (Dec 03, 2025@13:33)

PHQ Depression Screening Tools:

PHQ-2 Screening Tool:

PHQ-9 Screening Tool:

PHQ-9 Modified Teen Screening Tool:

Mental Health referral was placed today.

Patient had depression screening done at this encounter.

Patient was given literature about depression

Comments:

Figure 5-25: Depression Screen

Fall Risk Screen

Click here to include past fall risk screens.  
 Last Fall Risk Screening result: None Found

Patients over 65 should be assessed for fall risk on a yearly basis.

Patient was checked for fall risk at this encounter.

Figure 5-26: Fall Risk Screen

### 5.3.7 Patient Screening Refusal

This patch now contains the ability to add exam and CPT procedure refusal items via a reminder dialog (Figure 5-27). For the Screening Bundle, user will be able to document a refusal for Alcohol, Tobacco, Depression, Domestic Violence (IPV), and Fall Risk screenings.

Figure 5-27: Patient Screening Refusals

### 5.3.8 Historical Cancer Screenings

This section (Figure 5-28) contains three historical screens, Colonoscopy, Mammograms (bilateral and unilateral), and Pap Smear. The dialog contains recommendations for addressing abnormal tests that will not be part of the note.

Figure 5-28: Historical Cancer Screenings

### 5.3.9 Learning Preference and Barriers

This section (Figure 5-29) contains health factors for learning preference and barriers to learning. Multiple selections are allowed.

Learning Preferences and Barriers

Patient's Learning Preferences described.

LEARNING PREFERENCES

- Learning Preference - Talk.
- Learning Preference - Read.
- Learning Preference - Do/Practice.
- Learning Preference - Small Group.
- Learning Preference - Video.

Patient's Barriers to Learning described below.

BARRIERS TO LEARNING

- Barriers to Learn - No Barriers.
- Barriers to Learn - Hard of Hearing.
- Barriers to Learn - Blind.
- Barriers to Learn - Cognitive Impairment.
- Barriers to Learn - Deaf.
- Barriers to Learn - Doesn't Read English.
- Barriers to Learn - Interpreter Needed.
- Barriers to Learn - Motor Skills Deficit.
- Barriers to Learn - Sign Interpreter Needed.
- Barriers to Learn - Social Stressors.

Figure 5-29: Learning Preferences and Barriers

## 6.0 Parameter Setup for Health Factors Start and End Dates

There is a new parameter **BGO HF START/END DATES** (Figure 6-1) that will need to be configured to allow certain health factors to have start and end dates. The dialog was created with the following health factors to have a start and E-CIG date prompt:

1. Current smokeless
2. Current smoker, some day
3. Exposure to environmental tobacco
4. Heavy tobacco smoker
5. Light tobacco smoker
6. Previous (former) smokeless
7. Previous (former) smoker
8. Smokeless tobacco, status unknown
9. Smoker in home
10. Tobacco (smoker)
11. Current smoker, status unknown
12. Current smoker, every day
13. Current e-cig user w/other substance
14. Current e-cigarette user w/nicotine

Values for BGO HF START/END DATES		
Parameter	Instance	Value
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	1	CURRENT SMOKELESS
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	2	CURRENT SMOKER, SOME DAY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	3	EXPOSURE TO ENVIRONMENTAL TO
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	4	HEAVY TOBACCO SMOKER
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	6	LIGHT TOBACCO SMOKER
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	7	PREVIOUS (FORMER) SMOKELESS
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	8	PREVIOUS (FORMER) SMOKER
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	9	SMOKELESS TOBACCO, STATUS UN
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	10	SMOKER IN HOME
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	11	TOBACCO (SMOKING)
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	12	CURRENT SMOKER, STATUS UNKNO
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	13	CURRENT SMOKER, EVERY DAY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	14	CURRENT E-CIG USER W/OTHER S
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	15	CURRENT E-CIGARETTE USER W/N

Figure 6-1: Health Factor Parameter

## 7.0 IHS Sample Measurement Refusal

Patch 1017 delivers a sample dialog (Figure 7-1) containing five of the most common screening tools found in the measurement file, (GAD-2, GAD-7, PHQ-2, PHQ-9, and PHQ-T). There are other screening tools within this measurement file not contained in this dialog. Sites can copy one of these groups and edit the pieces within the group copied mapping the findings to the measurement type they want to refuse. Due to how EHR handles measurements, this dialog will contain a text box for entering measurement result; however, for refusals, no result is needed, and sites will need to leave this TEXT FIELD blank. The dialog contains instructions on how to enter refusal for measurements. These instructions will not be part of the note.

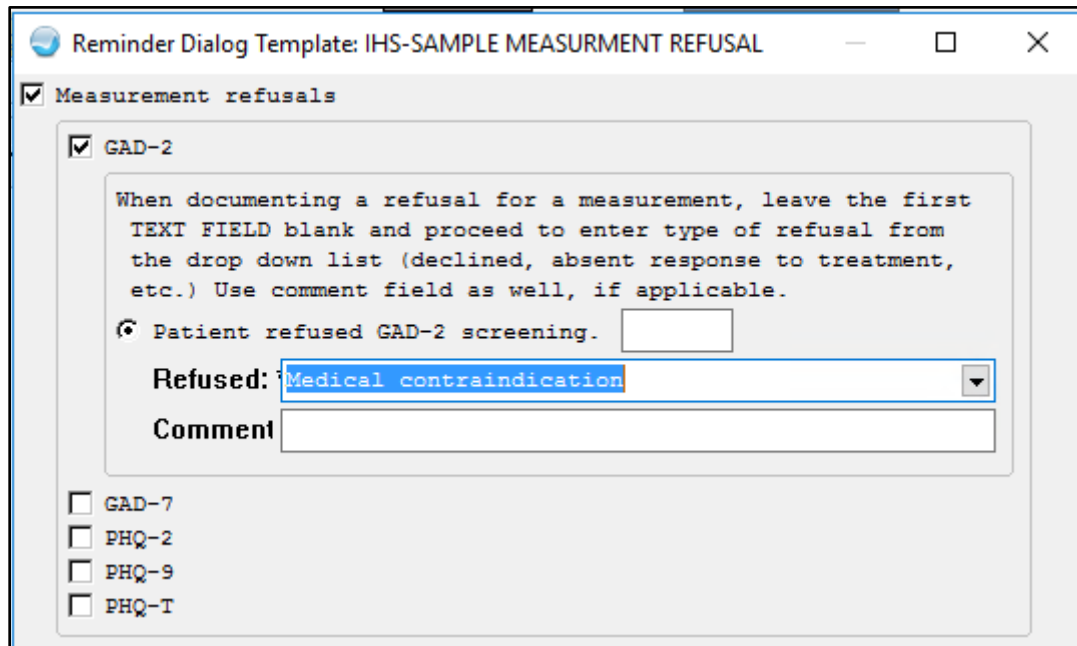


Figure 7-1: IHS Sample Measurement Refusal

Dialog Edit List		Nov 13, 2025 10:40:52	Page: 1 of
DIALOG	GROUP NAME:	GRP GAD-2/GAD-7/PHQ2,9,TEEN REFUSALS	
Item	Seq.	Dialog Overview	
1		Group: GRP GAD-2/GAD-7/PHQ2,9,TEEN REFUSALS	
2	5	Group: GRP MSR GAD-2 REFUSAL	
3	10	Group: GRP MSR GAD-7 REFUSAL	
4	15	Group: GRP MSR PHQ2 REFUSAL	
5	20	Group: GRP MSR PHQ9 REFUSAL	
6	25	Group: GRP MSR PHQT REFUSAL	

Figure 7-2: RPMS Structure of Sample Reminder

## 8.0 Install the KIDS Build

The installation of **PXRМ 1017** should be done by the appropriate IRМ personnel using the instructions in the patch notes.

Installing **patch 1017** 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.

## 9.0 Install the Reminder

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

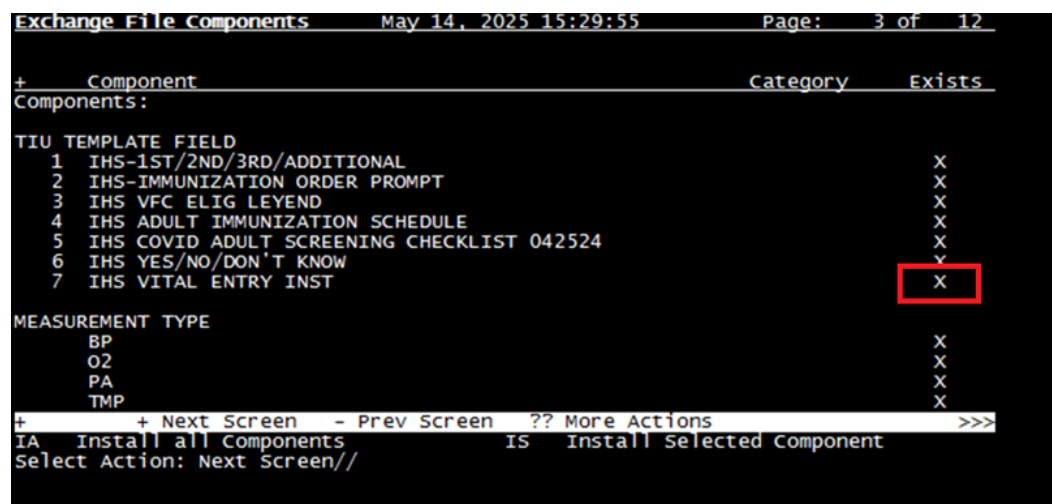
### 9.1 Programmer Access

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 9-1) when you are installing reminders that contain a new computed finding:

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

Figure 9-1: Reminder Installation 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 on the right of the Reminder Computed Finding in the Reminder Exchange. (Figure 9-2).



Component	Category	Exists
Components:		
TIU TEMPLATE FIELD		
1 IHS-1ST/2ND/3RD/ADDITIONAL		X
2 IHS-IMMUNIZATION ORDER PROMPT		X
3 IHS VFC ELIG LEYEND		X
4 IHS ADULT IMMUNIZATION SCHEDULE		X
5 IHS COVID ADULT SCREENING CHECKLIST 042524		X
6 IHS YES/NO/DON'T KNOW		X
7 IHS VITAL ENTRY INST		X
MEASUREMENT TYPE		
BP		X
O2		X
PA		X
TMP		X

Exchange File Components May 14, 2025 15:29:55 Page: 3 of 12

+ Next Screen - Prev Screen ?? More Actions >>>

IA Install all Components IS Install Selected Component

Select Action: Next Screen//

Figure 9-2: 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 Section 9.2.

**Important: NEVER OVERWRITE A ROUTINE.**

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

## 9.2 Installing the Reminder

1. Select **Reminder Exchange** from the **Reminder Configuration** menu. You will be presented with a list (Figure 9-3) of packed reminders that reside in the RPMS file system.

Item	Entry	Source	Date Packed
1	IHS-ADULT IMMUNIZATION ENTRY TEMPLATE 2025	RAPOPORT@2017 DEMO CL	04/10/2025@13:50
2	IHS-PEDS IMMUNIZATION ENTRY TEMPLATE 2025	RAPOPORT@2017 DEMO CL	04/10/2025@13:50
3	TEST-IHS NEWLY ADDED MEASUREME NT ENTRY	MOSELY@2017 DEMO CL	04/23/2025@13:07
4	TEST-IHS-CPT ENTRY	MOSELY@2017 DEMO CL	04/22/2025@11:30
5	TEST-IHS-DEMOGRAPHIC DETAILS	MOSELY@2017 DEMO CL	04/23/2025@13:15
6	TEST-IHS-E&M ENTRY	MOSELY@2017 DEMO CL	04/23/2025@13:08
7	TEST-IHS-EXAM ENTRY	MOSELY@2017 DEMO CL	04/23/2025@13:45

+ 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// █

Figure 9-3: List of Reminders in Clinical 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 9-4) to search for the reminder name.

Select Action: Next Screen// SL  
 Search for: //IHS-PEDS IMMUNIZATION

Figure 9-4: Further Instructions

2. Select **IFE–Install Exchange File Entry** to install the reminder.
3. Enter the **number** of the reminder (Figure 9-5) to install.

```

Clinical Reminder Exchange   May 14, 2025 15:31:13   Page: 1 of 3
Exchange File Entries.

Item  Entry                               Source                               Date Packed
---  -
1    IHS-ADULT IMMUNIZATION ENTRY          RAPOPORT@2017 DEMO CL              04/10/2025@13:50
    TEMPLATE 2025
2    IHS-PEDS IMMUNIZATION ENTRY          RAPOPORT@2017 DEMO CL              04/10/2025@13:50
    TEMPLATE 2025
3    TEST-IHS NEWLY ADDED MEASUREME       MOSELY@2017 DEMO CL                04/23/2025@13:07
    NT ENTRY
4    TEST-IHS-CPT ENTRY                   MOSELY@2017 DEMO CL                04/22/2025@11:30
5    TEST-IHS-DEMOGRAPHIC DETAILS        MOSELY@2017 DEMO CL                04/23/2025@13:15
6    TEST-IHS-E&M ENTRY                   MOSELY@2017 DEMO CL                04/23/2025@13:08
7    TEST-IHS-EXAM ENTRY                  MOSELY@2017 DEMO CL                04/23/2025@13:45
+    + 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 (1-16): 2

```

Figure 9-5: 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 9-6) and determine which ones already exist on your system. You should decide what to do with each component and have a plan of action.

```

TIU TEMPLATE FIELD
1  IHS PEDS IMMUNIZATION GUIDE AND RECOM 2025      X
2  IHS COVID CHILD SCREENING CHECKLIST 042024     X
3  IHS YES/NO/N/A NOT REQ                         X
4  IHS YES/NO/DON'T KNOW                         X
5  IHS PED COMBO VACCINE                          X
6  IHS-DTAP CVX 20 INSTRUCTIONS                   X
7  IHS-1ST/2ND/3RD/ADDITIONAL                    X
8  IHS-IMMUNIZATION ORDER PROMPT                 X
9  IHS VFC ELIG LEYEND                            X
10 IHS VITAL ENTRY INST                           X

MEASUREMENT TYPE
BP          X
O2          X
PA          X
TMP         X
RS          X
PU          X

EDUCATION TOPICS
IM-FOLLOW-UP      X
IM-PREVENTION    X
IM-DEFICIENCY    X
IM-INFORMATION   X
IM-LITERATURE    X
IM-SCHEDULE      X

IMMUNIZATION
DTaP,IPV,Hib,HepB  X
MMRV                X
DTaP-Hib-IPV       X
DTaP-Hep B-IPV     X

```

Figure 9-6: List of Components in Reminder

5. Proceed with the **installation** (Figure 9-7).

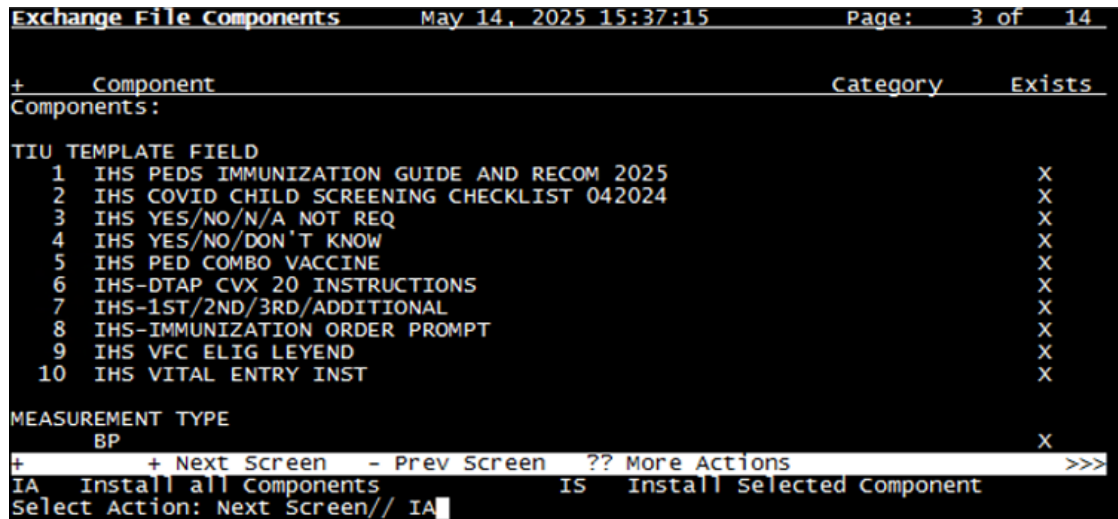


Figure 9-7: Exchange File Components Screen

6. Install **computed Finding Only** (Figure 9-8). 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 previous versions, 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 quicker.

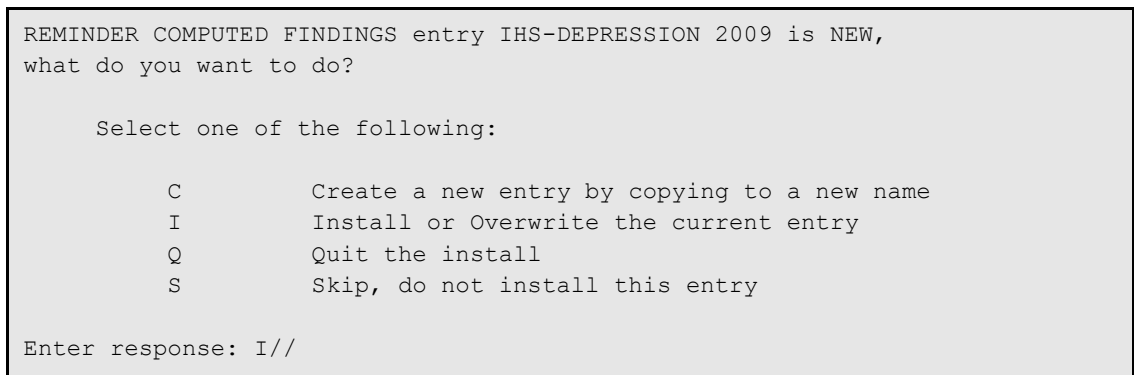


Figure 9-8: Computed Finding Installation Example

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 (Figure 9-9). 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.

**Warning: 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:

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: 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:

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// 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
I          Install or Overwrite the current entry
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:

        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: 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.
```

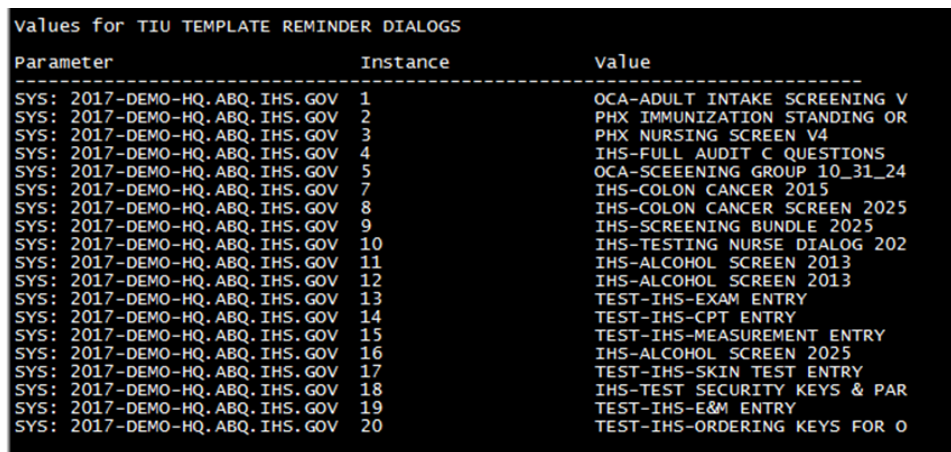
Figure 9-9: Reminder Installation Example

## 10.0 Standalone Reminder Dialog Setup

This patch delivered two comprehensive immunization reminders, pediatric and adult immunization reminder dialogs. To make these reminders available under the share folder, you will need to add them to the **TIU Template Reminder Dialog** parameter then associate them to a **TIU** template.

### 10.1 Adding Reminder Dialog to TIU Template Reminder Dialog Parameter

Standalone reminder dialogs will need to be added to **TIU TEMPLATE REMINDER DIALOGS** parameter (Figure 10-1). After this step, the reminder will be available in the EHR progress note tab.



Parameter	Instance	Value
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	1	OCA-ADULT INTAKE SCREENING V
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	2	PHX IMMUNIZATION STANDING OR
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	3	PHX NURSING SCREEN V4
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	4	IHS-FULL AUDIT C QUESTIONS
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	5	OCA-SCEEENING GROUP 10_31_24
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	7	IHS-COLON CANCER 2015
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	8	IHS-COLON CANCER SCREEN 2025
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	9	IHS-SCREENING BUNDLE 2025
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	10	IHS-TESTING NURSE DIALOG 202
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	11	IHS-ALCOHOL SCREEN 2013
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	12	IHS-ALCOHOL SCREEN 2013
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	13	TEST-IHS-EXAM ENTRY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	14	TEST-IHS-CPT ENTRY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	15	TEST-IHS-MEASUREMENT ENTRY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	16	IHS-ALCOHOL SCREEN 2025
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	17	TEST-IHS-SKIN TEST ENTRY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	18	IHS-TEST SECURITY KEYS & PAR
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	19	TEST-IHS-E&M ENTRY
SYS: 2017-DEMO-HQ.ABQ.IHS.GOV	20	TEST-IHS-ORDERING KEYS FOR O

Figure 10-1: TIU Template Reminder Dialog Parameter

#### 10.1.1 Adding Reminder Dialog to TIU Share Folder

Add standalone reminder under the Edit Parameter Values menu option. Select **TIU TEMPLATE REMINDER DIALOG** parameter. Select the appropriate settings level (User, Service, Division or System) from list shown (Figure 10-2), then select sequence. Add the dialog to parameter.

```

TIU TEMPLATE REMINDER DIALOGS may be set for the following:

  1  User          USR      [choose from NEW PERSON]
  3  Service       SRV      [choose from SERVICE/SECTION]
  4  Division      DIV      [choose from INSTITUTION]
  5  System        SYS      [2017-DEMO-HQ.ABQ.IHS.GOV]

Enter selection: 5 System 2017-DEMO-HQ.ABQ.IHS.GOV

Setting TIU TEMPLATE REMINDER DIALOGS for System: 2017-DEMO-HQ.ABQ.IHS.GOV
Select Display Sequence: 25
Are you adding 25 as a new Display Sequence? Yes// YES

Display Sequence: 25// 25
Clinical Reminder Dialog: IHS-ADULT IMMUNIZATION ENTRY TEMPLATE 2025      remin
der dialog LOCAL
...OK? Yes//
    
```

Figure 10-2: Adding Adult Immunization Reminder Dialog to Parameter

1. To add a reminder dialog to EHR, log in to **EHR**.
2. Navigate to **progress notes**.
3. Click **Options**, then **Edit Share Template**.

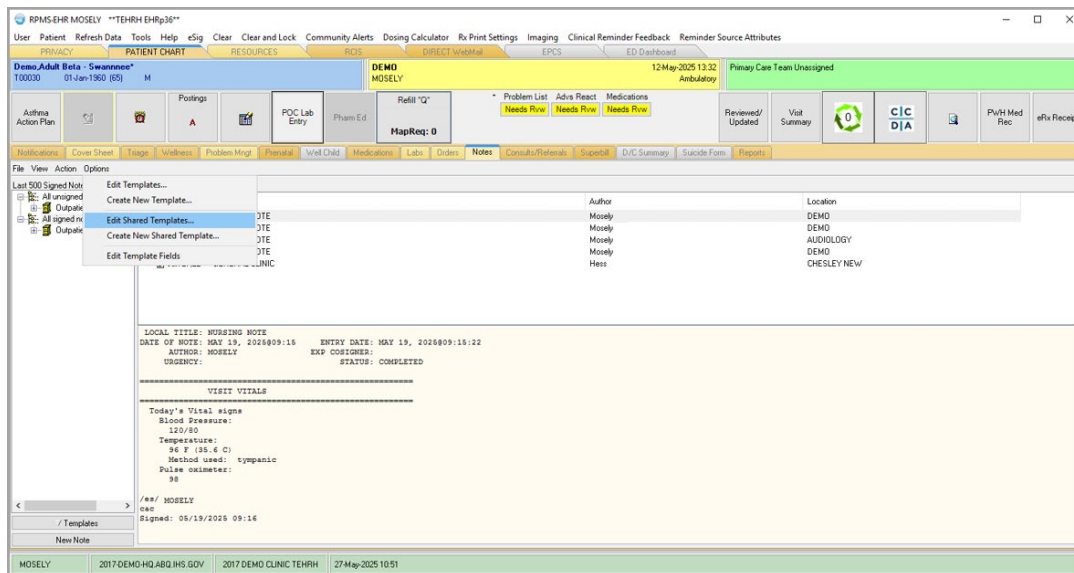


Figure 10-3: Adding Adult Immunization Reminder Dialog to Share Folder

4. Highlight the **share template**.

5. Click the **New Template** button (Figure 10-4).
6. Add a title for the template in the **Name** field.
7. For template type, select **Reminder Dialog**.
8. Click the drop-down arrow in the **Reminder Dialog** field.
9. Select the **IHS-Adult Immunization Entry Template 2025** and click **Apply**.

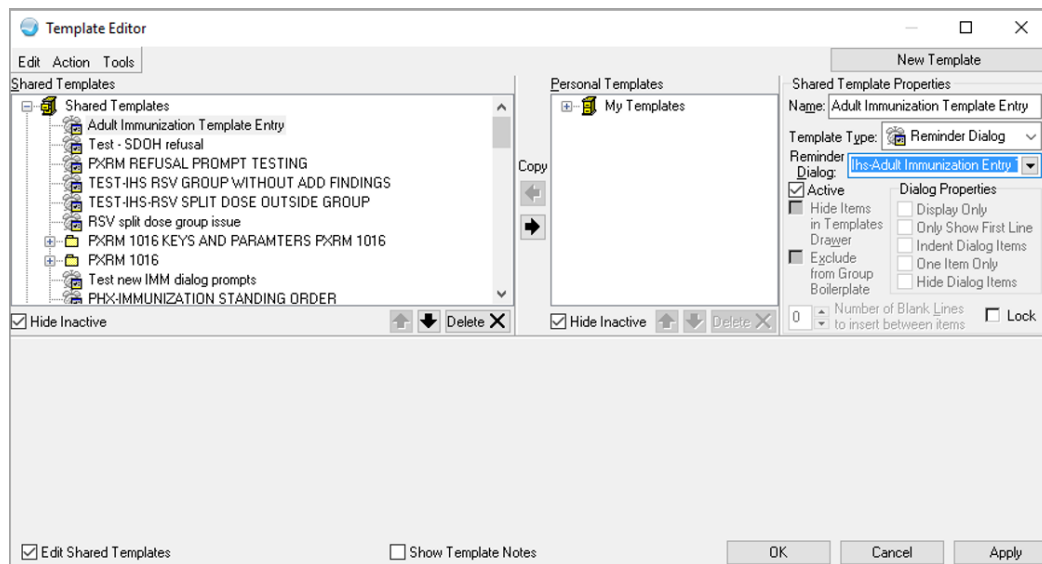


Figure 10-4: Creating TIU Template and Attaching Reminder Dialog Template and Share Folder

## 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. (Figure A-3).

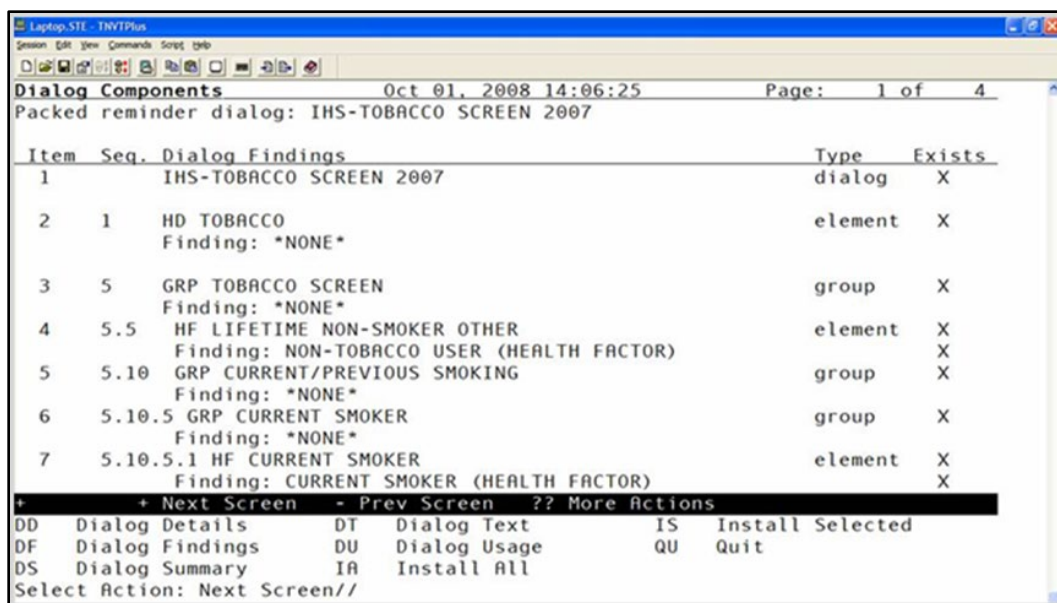


Figure A-2: List of Findings screen

In the example above (Figure A-2), you will notice that the Groups (under Type) do not have findings. This is expected. If you 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.

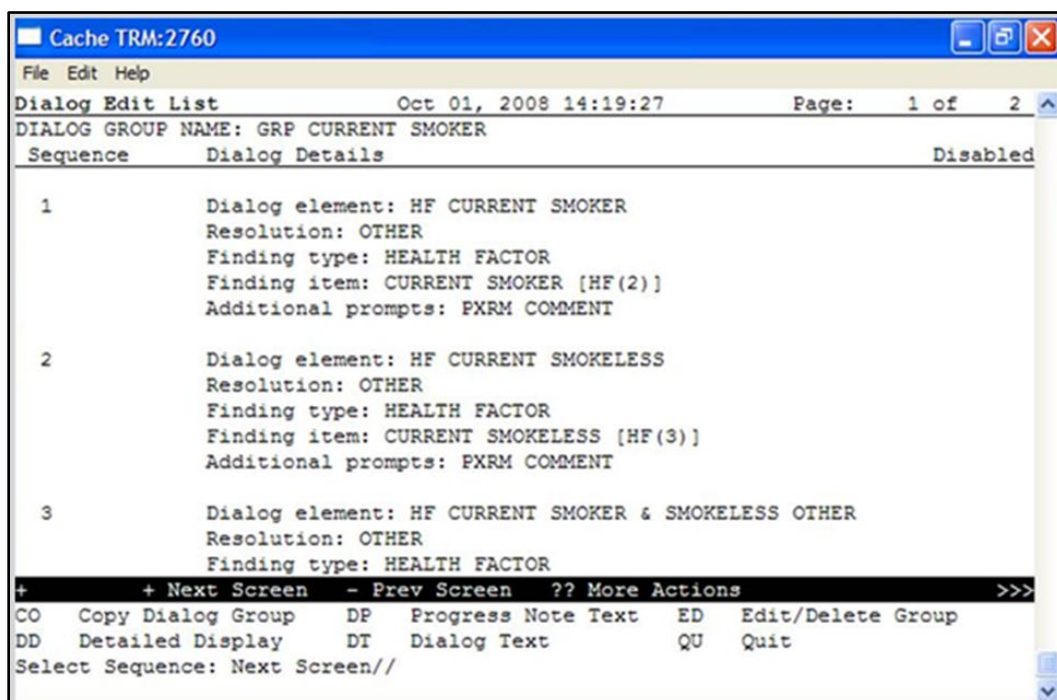


Figure A-3: Group Edit Screen

### 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.

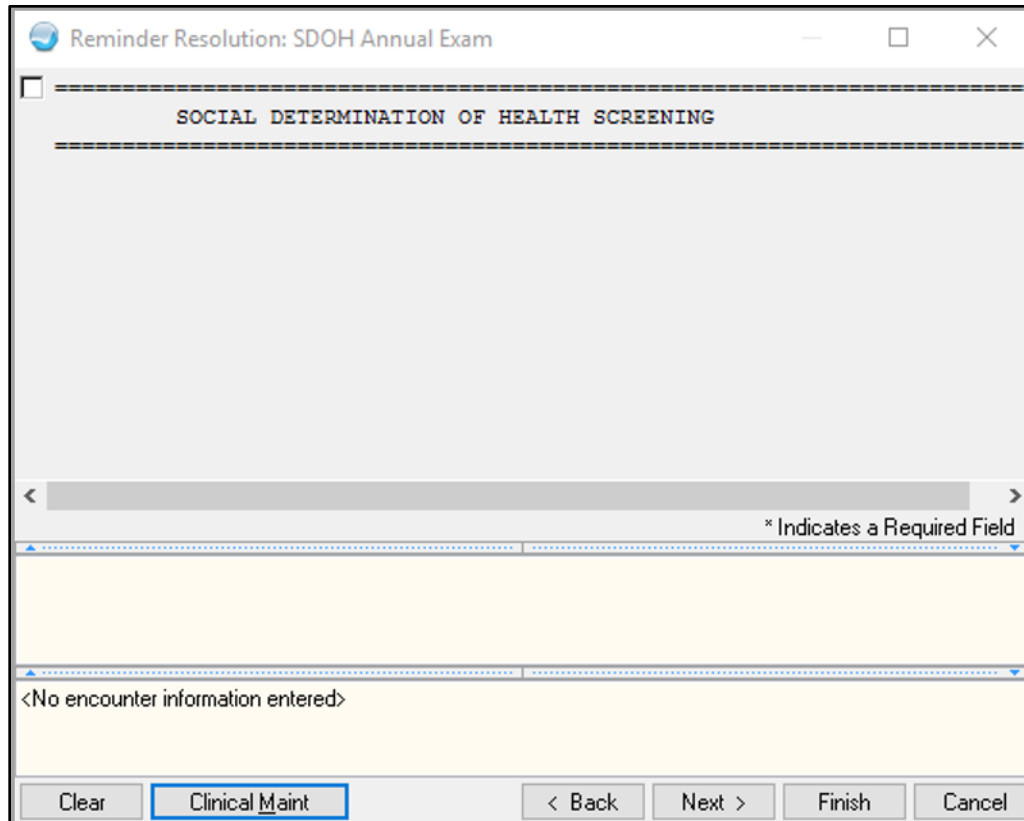


Figure A-4: Reminder dialog

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

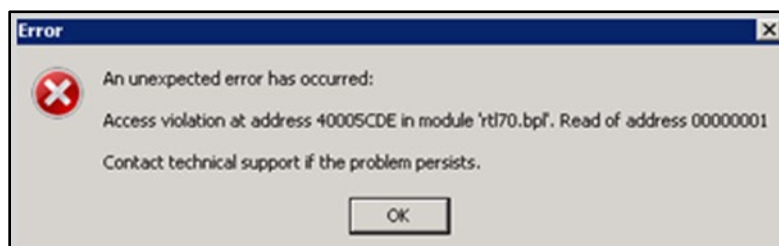


Figure A-5: Access Violation Error

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 RPMS Reminder Dialog Design

### B.1 IHS-Colon Cancer Screen 2025

#### B.1.1 Colorectal Heading

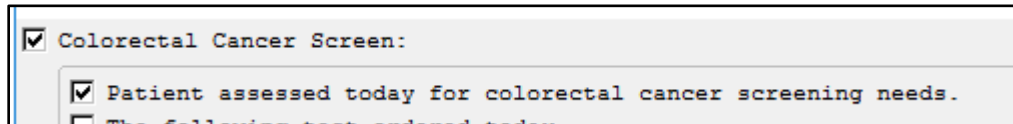


Figure B-1: Colorectal Section

RPMS Configuration:



#### B.1.2 Ordering Section

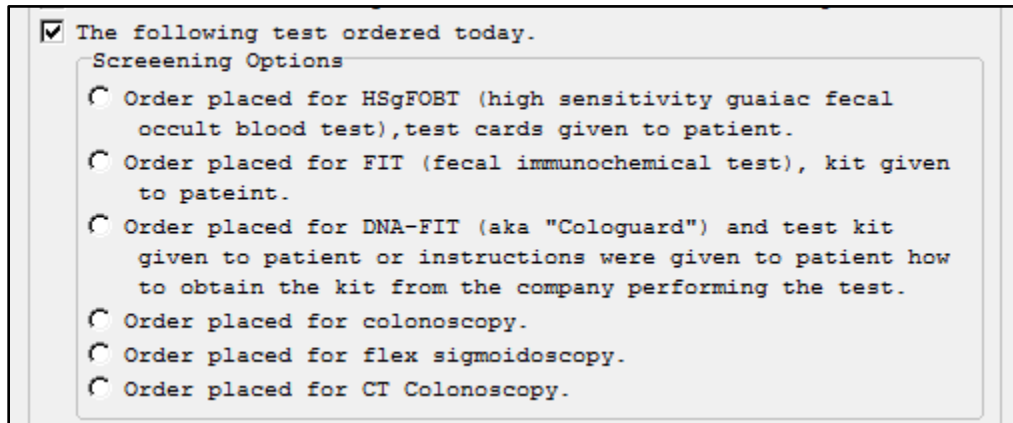
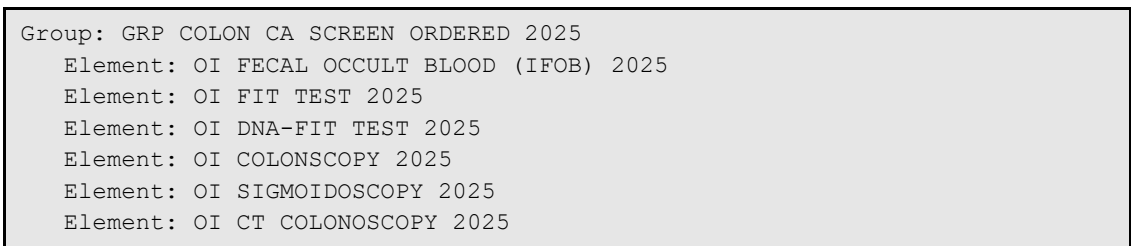


Figure B-2: Ordering Section

RPMS Configuration:



### B.1.3 Historical Colorectal Cancer Screenings

Historical colorectal cancer screening or screening done elsewhere.

For abnormal results, ensure additional documentation is captured to facilitate diagnoses and follow up as appropriate.

- Colonoscopy reported.
- CT Colonoscopy reported.
- Flex Sigmoidoscopy reported.
- HSgFOBT (high sensitivity guaiac fecal occult blood test) reported.
- FIT (fecal immunochemical test) reported.
- DNA-FIT test reported.

Figure B-3: Historical Colorectal Cancer Screenings

RPMS Configuration:

Group: GRP HISTORICAL COLORECTAL SCREENS 2025  
 Element: HD HX CANCER SCREENING RESULT INST  
 Element: CPT HISTORICAL COLONOSCOPY 2025  
 Element: CPT HISTORICAL CT COLONOSCOPY 2025  
 Element: CPT HISTORICAL SIGMOIDOSCOPY 2025  
 Element: CPT TEST IFOB 2025  
 Element: CPT FIT TEST 2025  
 Element: CPT DNA-FIT TEST 2025

### B.1.4 Education Topic

Colorectal cancer screening test ordered today and patient educated on the importance of following through.

Level of Understanding:

Education duration:

Readiness to Learn:

Comment:

Figure B-4: Patient Education Topic

RPMS Configuration:

Element: ED COLORECTAL CA SCREENING INFO

### B.1.5 Documentation of Colorectal Cancer Screening

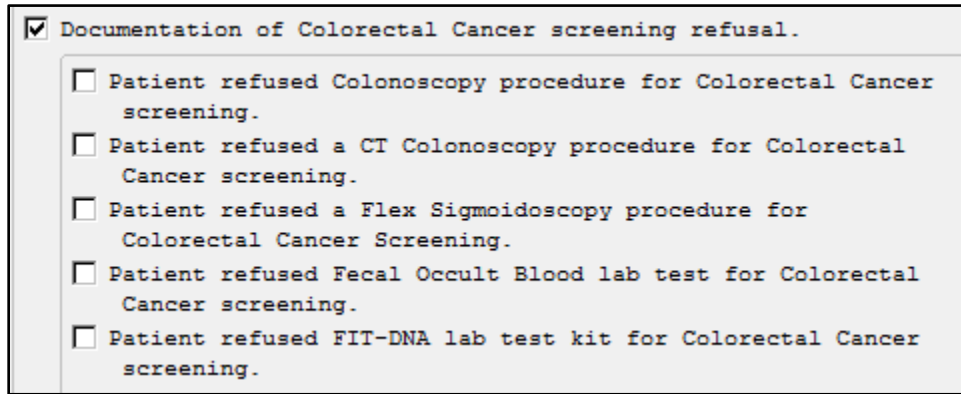
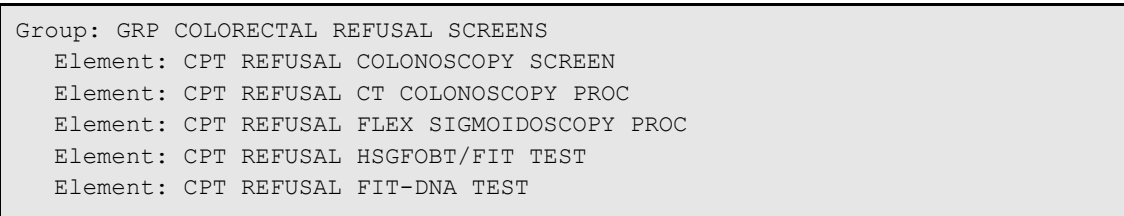


Figure B-5: Colorectal Cancer Screening

RPMS Configuration:



## B.2 IHS-Tobacco/E-CIG 2025

### B.2.1 Past Tobacco Screens

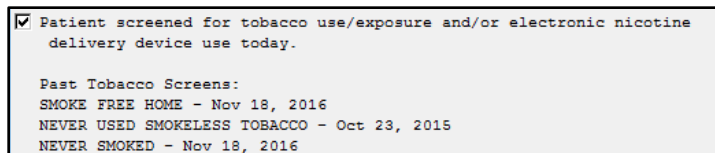


Figure B-6: Past Tobacco Screens

RPMS Configuration:



## B.2.2 Tobacco Use Assessment

```

 -- Tobacco Use Assessment --
 Patient has never used a tobacco product.
 Ceremonial tobacco use only.
 Current tobacco smoker.
 Patient currently uses smokeless tobacco
 Patient formerly smoked tobacco
<READ ONLY: Entering a "Quit" date for former user of either
tobacco or E-cigs will translate to "Start" date within
the Health Factor component. By quitting, the patient has
started their time as a former user.>
 Patient formerly used smokeless tobacco
<READ ONLY: Entering a "Quit" date for former user of either
tobacco or E-cigs will translate to "Start" date within
the Health Factor component. By quitting, the patient has
started their time as a former user.>

```

Figure B-7: Tobacco User Assessment

### RPMS Configuration:

```

Group: GRP TO USE 2025
Group: GP NEVER USED TOBACCO
Group: GP CEREMONIAL USE ONLY
Group: GP NEVER SMOKLESS CURRENT FORMER SMOKER 2021

```

## B.2.3 Tobacco Exposure Assessment

```

 -- Tobacco Exposure Assessment --
 Smoke free home.
 Smoker in home.
 Patient is exposed to smoke at work or outside home.

```

Figure B-8: Tobacco Exposure Assessment

### RPMS Configuration:

```

Group: GRP TO EXPOSE 2025
Group: GP SMOKE FREE HOME 2021
Group: GP SMOKER IN HOME 2021
Group: GP EXPOSURE TO ENVIRONMENTAL SMOKE 2021

```

### B.2.4 E-Cigarettes Assessment

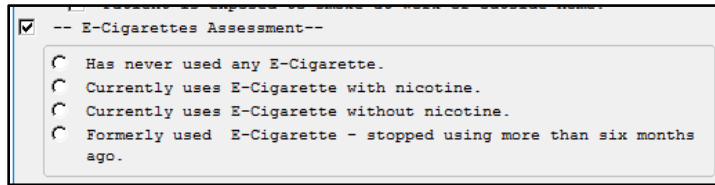


Figure B-9: E-Cigarette Assessment

RPMS Configuration:

```
GRP ELECTRONIC NICOTINE 2025
Element: HF NEVER USED E-CIG 2025
Group: GRP CURRENT ELECTRONIC NICOTINE 2025
Group: GRP CURRENT ELECTRONIC CIG W/O NICOTINE 2025
Group: GRP PREVIOUS E-CIG USER 2025
```

### B.2.5 Cessation Guidance

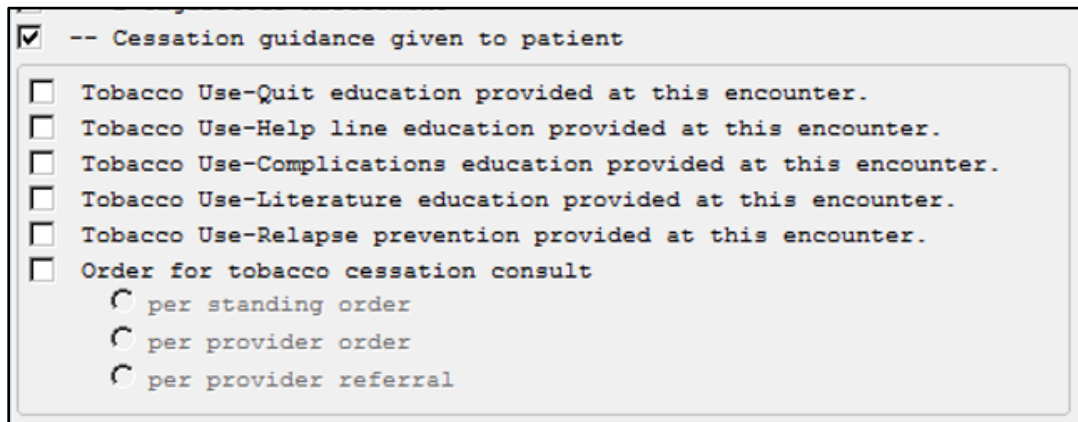


Figure B-10: Cessation Guidance

RPMS Configuration:

```
GRP CURRENT SMOKER EDUCATION 2025
Element: ED TO-QUIT DONE 2011
Element: ED TO-HELPLINE 2011
Element: ED TO-COMPLICATION 2011
Element: ED TO-LITERATURE 2011
Element: ED TO-RELAPSE PREVENTION DONE
Element: OI TO CESSATION CONSULT
```

### B.3 IHS-Screening Bundle 2025

#### B.3.1 Nursing Screening Header

=====  
Nursing Screening  
=====

Patient Name: [REDACTED]  
Visit Date: 10/14/25 14:59  
Date of Birth: FEB 2,1964  
Patient Age: 61 yrs old

Patient Identity confirmed by the following 2 identifiers:  
 name  date of birth  other: [REDACTED]

Primary care provider: [REDACTED]

Figure B-11: Nursing Screening Header

RPMS Configuration:

Element: HD PATIENT DEMOGRAPHIC

#### B.3.2 Patient Accompanied by

Patient accompanied by:

- Mother
- Father
- Guardian
- Grandparent
- No One
- Other: [REDACTED]

Figure B-12: Patient Accompanied By

RPMS Configuration:

Element: HD PAT ACCOMPANIED BY

### B.3.3 Occupation History

=====

Occupation History

=====

Employment Status: UNEMPLOYED  
Employer: UNEMPLOYED  
Documented occupational factor(s): No OCCUPATION health factors found for patient

Add occupational factor(s) below if needed. Relevant history can be added in th

- Works day shift
- Desk job
- Job requires heavy lifting
- Works as a manager/administrator
- Works mixed shift
- Works night shift
- Works outdoors
- Retired
- High-risk occupation
- Works as a hospital or clinic staff employee
- Unemployed
- Works with animals
- Works with food

Figure B-13: Occupation History

#### RPMS Configuration:

```

Group: GRP OCCUPATION
  Element: HF OCC DAY SHIFT
  Element: HF OCC DESK JOB
  Element: HF OCC LIFTING
  Element: HF OCC MANAGER/ADMINISTRATOR
  Element: HF OCC MIXED SHIFT
  Element: HF OCC NIGHT SHIFT
  Element: HF OCC OUTDOOR JOB
  Element: HF OCC RETIRED
  Element: HF OCC RISKY WORK
  Element: HF OCC STAFF EMPLOYEE
  Element: HF OCC UNEMPLOYED
  Element: HF OCC WORKS WITH ANIMALS
  Element: HF OCC WORKS WITH FOOD

```

### B.3.4 Subjective

Figure B-14: Subjective

RPMS Configuration:

```
Element: HD CHIEF COMPLAINT/ALLERGY DATA
```

### B.3.5 Objective

Figure B-15: Objective

RPMS Configuration:

```
Group: GRP NURSE ASSESSMENT 2025
  Element: HD VISIT MEASUREMENT 2025
Group: GRP MT BP/PU/RS/TMP/PA/O2
  Element: MT BLOOD PRESSURE V2
  Element: MT PULSE
  Element: MT RESPIRATIONS
  Element: MT TEMPERATURE V2
  Element: MT PAIN
  Element: MT PULSE OX
  Element: HD HISTORICAL IMMUNIZATION
Group: GRP MEDICATION RECONCILIATION 2025
  Element: HD ALLERGY TEXT 2
  Element: OI ACTIVE MEDICATIONS
  Element: HD ADDITIONAL MEDICATIONS
Group: GRP PATIENT GOALS 2025
  Element: HD PATIENT GOALS W/STEPS
```

### B.3.6 Nurse Screening Assessment

Figure B-16: Nurse Screening Assessment

**RPMS Configuration:**

```

Group: GRP NURSE ASSESSMENT 2025
Group: GRP NURSE SCREENING ASSESSMENT 2025
Group: GRP ETOH/DRUG SCREENING 2025
Group: GRP TOBACCO ASSESSMENT 2025
Group: GRP DEPRESSION PHQ 2025
Group: GRP ACTIVITY SCREENING 2025
Group: GRP DOMESTIC VIOLENCE 2025
Group: GRP FALL RISK SCREEN 2025
    
```

### B.3.7 Historical Cancer Screenings

Figure B-17: Historical Cancer Screenings

**RPMS Configuration:**

```

Group: GRP HX SCN COLON PAP MAMMO 2025
Group: GRP HISTORICAL COLORECTAL SCREENS 2025
Group: GRP MAMMOGRAPHY 2025
Group: GRP HX PAP SMEAR 2025
    
```

### B.3.8 Learning Preferences and Barriers

Figure B-18: Learning Preferences and Barriers

RPMS Configuration:

```
Group: GRP LEARNING PREFERENCES/BARRIERS 2025
Group: GRP LEARNING PREFERENCES
Group: GRP BARRIERS TO LEARNING
```

### B.3.9 Patient Screening Refusal

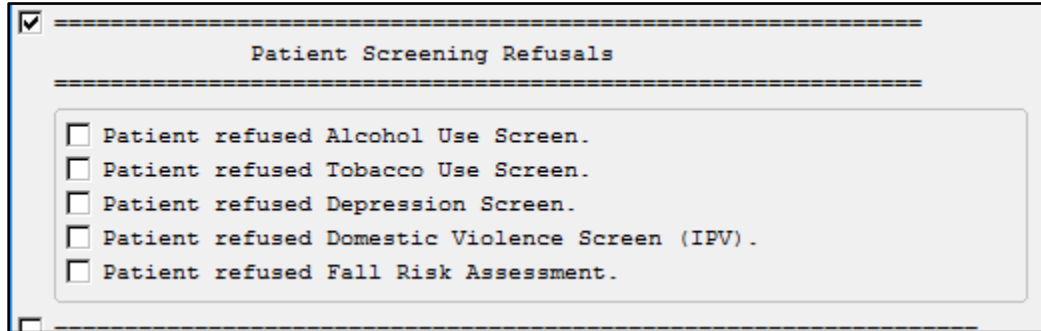


Figure B-19: Patient Screening Refusal

RPMS Configuration:

```
Group: GRP REFUSAL ETOH/TOB/IPV/FALL RISK SCREENS
Element: EX REFUSAL ALCOHOL SCREEN
Element: CPT REFUSAL TOBACCO SCREEN
Element: EX REFUSAL DEPRESSION SCREEN
Element: EX REFUSAL INTIMATE PARTNER VIOLENCE
Element: EX REFUSAL FALL RISK SCREEN
```

## Appendix C Reminder Taxonomies

The following provides information about reminder taxonomies used for IHS-Colon Cancer Screening.

### C.1 IHS-Colorectal cancer 2024

IHS-COLORECTAL CANCER 2025	
153.0	ICD-9-CM
153.1	ICD-9-CM
153.2	ICD-9-CM
153.3	ICD-9-CM
153.4	ICD-9-CM
153.5	ICD-9-CM
153.6	ICD-9-CM
153.7	ICD-9-CM
153.8	ICD-9-CM
153.9	ICD-9-CM
197.5	ICD-9-CM
C18.0	ICD-10-CM
C18.1	ICD-10-CM
C18.2	ICD-10-CM
C18.3	ICD-10-CM
C18.4	ICD-10-CM
C18.5	ICD-10-CM
C18.6	ICD-10-CM
C18.7	ICD-10-CM
C18.8	ICD-10-CM
C18.9	ICD-10-CM
C19.	ICD-10-CM
C20.	ICD-10-CM
C21.2	ICD-10-CM
C21.8	ICD-10-CM
C78.5	ICD-10-CM
V10.05	ICD-9-CM
V10.06	ICD-9-CM
Z85.030	ICD-10-CM
Z85.038	ICD-10-CM
Z85.048	ICD-10-CM

### C.2 IHS-SIGMOIDOSCOPY 2024

IHS-SIGMOIDOSCOPY 2024	
45330	CPT
45331	CPT
45332	CPT
45334	CPT

45335	CPT
45336	CPT
45337	CPT
45338	CPT
45339	CPT
45340	CPT
45341	CPT
45342	CPT
45345	CPT
45346	CPT
45347	CPT
45349	CPT
45350	CPT
G0104	CPT
45.24	ICD PROC
0DJD8ZZ	ICD-10-P

### C.3 IHS-CT COLONOGRAPHY 2024

IHS-CT COLONOGRAPH 2024	
74261	CPT
74262	CPT
74263	CPT

### C.4 IHS-COLONOSCOPY 2024

IHS-CT COLONOSCOPY 2024	
44388	CPT
44389	CPT
44390	CPT
44391	CPT
44392	CPT
44393	CPT
44394	CPT
44397	CPT
44401	CPT
44402	CPT
44403	CPT
44404	CPT
44405	CPT
44406	CPT
44407	CPT
44408	CPT
45355	CPT
45378	CPT
45379	CPT
45380	CPT
45381	CPT

45382	CPT
45383	CPT
45384	CPT
45385	CPT
45386	CPT
45387	CPT
45388	CPT
45389	CPT
45390	CPT
45391	CPT
45392	CPT
45393	CPT
45398	CPT
G0105	CPT
G0121	CPT
G2204	CPT
G9252	CPT
G9253	CPT
45.22	ICD PROC
45.23	ICD PROC
45.25	ICD PROC
45.42	ICD PROC
45.43	ICD PROC
0D5E4ZZ	ICD-10-P
0D5E8ZZ	ICD-10-P
0D5F4ZZ	ICD-10-P
0D5F8ZZ	ICD-10-P
0D5G4ZZ	ICD-10-P
0D5G8ZZ	ICD-10-P
0D5H4ZZ	ICD-10-P
0D5H8ZZ	ICD-10-P
0D5K4ZZ	ICD-10-P
0D5K8ZZ	ICD-10-P
0D5L4ZZ	ICD-10-P
0D5L8ZZ	ICD-10-P
0D5M4ZZ	ICD-10-P
0D5M8ZZ	ICD-10-P
0D5N4ZZ	ICD-10-P
0D5N8ZZ	ICD-10-P
0D9E3ZX	ICD-10-P
0D9E4ZX	ICD-10-P
0D9E7ZX	ICD-10-P
0D9E8ZX	ICD-10-P
0D9F3ZX	ICD-10-P
0D9F4ZX	ICD-10-P
0D9F7ZX	ICD-10-P
0D9F8ZX	ICD-10-P
0D9G3ZX	ICD-10-P
0D9G4ZX	ICD-10-P
0D9G7ZX	ICD-10-P
0D9G8ZX	ICD-10-P
0D9H3ZX	ICD-10-P
0D9H4ZX	ICD-10-P

0D9H7ZX	ICD-10-P
0D9H8ZX	ICD-10-P
0D9K3ZX	ICD-10-P
0D9K4ZX	ICD-10-P
0D9K7ZX	ICD-10-P
0D9K8ZX	ICD-10-P
0D9L3ZX	ICD-10-P
0D9L4ZX	ICD=10-P
0D9L7ZX	ICD=10-P
0D9L8ZX	ICD=10-P
0D9M3ZX	ICD-10-P
0D9M4ZX	ICD-10-P
0D9M7ZX	ICD-10-P
0D9M8ZX	ICD-10-P
0D9N3ZX	ICD-10-P
0D9N4ZX	ICD-10-P
0D9N7ZX	ICD-10-P
0D9N8ZX	ICD-10-P
0DBE3ZX	ICD-10-P
0DBE4ZX	ICD-10-P
0DBE7ZX	ICD-10-P
0DBE8ZX	ICD-10-P
0DBF3ZX	ICD-10-P
0DBF4ZX	ICD-10-P
0DBF7ZX	ICD-10-P
0DBF8ZX	ICD-10-P
0DBG3ZX	ICD-10-P
0DBG4ZX	ICD-10-P
0DBG7ZX	ICD-10-P
0DBG8ZX	ICD-10-P
0DBH3ZX	ICD-10-P
0DBH4ZX	ICD-10-P
0DBH7ZX	ICD-10-P
0DBH8ZX	ICD-10-P
0DBH8ZZ	ICD-10-P
0DBK3ZX	ICD-10-P
0DBK4ZX	ICD-10-P
0DBK7ZX	ICD-10-P
0DBK8ZX	ICD-10-P
0DBK8ZZ	ICD-10-P
0DBL3ZX	ICD-10-P
0DBL4ZX	ICD-10-P
0DBL7ZX	ICD-10-P
0DBL8ZX	ICD-10-P
0DBL8ZZ	ICD-10-P
0DBM3ZX	ICD-10-P
0DBM4ZX	ICD-10-P
0DBM7ZX	ICD-10-P
0DBM8ZX	ICD-10-P
0DBM8ZZ	ICD-10-P
0DBN3ZX	ICD-10-P
0DBN4ZX	ICD-10-P
0DBN7ZX	ICD-10-P

0DBN8ZX	ICD-10-P
0DBN8ZZ	ICD-10-P
0DBN3ZX	ICD-10-P
0DBN7ZX	ICD-10-P
0DBN8ZX	ICD-10-P
0DBN8ZZ	ICD-10-P
0DJD8ZZ	ICD-10-P

## C.5 IHS-TOTAL COLECTOMY 2024

IHS-TOTAL COLECTOMY 2024	
44150	CPT
44151	CPT
44152	CPT
44153	CPT
44155	CPT
44156	CPT
44157	CPT
44158	CPT
44210	CPT
44211	CPT
44212	CPT
0DTE0ZZ	ICD-10-PCS
0DTE4ZZ	ICD-10-PCS
0DTE7ZZ	ICD-10-PCS
0DTE8ZZ	ICD-10-PCS
45.8	ICD-9-PROC
45.81	ICD-9-PROC
45.82	ICD-9-PROC
45.83	ICD-9-PROC

## C.6 IHS-FOB TEST CPTS 2024

IHS-FOB TEST CPTS 2024	
82270	CPT
82274	CPT
89205	CPT
G0328	CPT
G0394	CPT
G0107	CPT

## C.7 IHS-FIT-DNA TEST CPTS 2024

IHS-FIT-DNA TEST CPTS 2024	
81528	CPT
G0464	CPT

## C.8 IHS-FIT TEST CPTS 2024

IHS-FIT TEST CPTS 2024

82274

CPT

81528

CPT

## Appendix D COMPUTED FINDINGS

The IHS-Tobacco Screening 2025 leverages GPRA taxonomies for its logic. Computed Finding IHS-ATX POV and IHS-SNOMED were used within Reminder Terms. For more information on these terms, see below.

**Note:** For more information on the codes used for the terms below, go to the RPMS GPRA/CRS taxonomy option menu and view the list codes used by the taxonomies bolded below.

### D.1 IHS-Tobacco User 2025 Reminder Term

- CF IHS-ATX POV with Computed Finding contains **BGP TOBACCO USER DXS**.
  - These are the codes inside taxonomy above; ICD-10: F17.2\*0, F17.2\*3, F17.2\*8, F17.2\*9, O99.33\*, Z71.6, Z72.0
- CF IHS-SNOMED with Computed finding **PXRM BGP CURRENT TOBACCO**.

### D.2 IHS-Current Smoker 2025 Reminder Term

- CF IHS-ATX POV with Computed Finding contains **BGP GPRA SMOKING DXS**.
  - These are the codes inside taxonomy above; ICD-10: F17.200, F17.203 through F17.210, F17.213 through F17.219, F17.290, F17.293 through F17.299, O99.33\*
- CF IHS-SNOMED with Computed finding **PXRM BGP TOBACCO SMOKER**.

### D.3 IHS-Current Smokeless 2025 Reminder Term

- CF IHS-ATX POV with Computed Finding contains **BGP GPRA SMOKELESS DXS**.
  - These are the codes inside taxonomy above; ICD-10: F17.220, F17.223 through F17.229
- CF IHS-SNOMED with Computed finding **PXRM BGP TOBACCO SMOKER**.

#### D.4 IHS-Smoker CPT 2025 Reminder Term

- CF IHS-ATX CPT with computed finding contains **BGP TOBACCO USER CPTS.**

#### D.5 IHS-Current Smokeless CPT 2025 Reminder Term

- CF IHS-ATX CPT with computed finding contains **BGP SMOKELESS TOBACCO CPTS.**

#### D.6 IHS-Tobacco DXS 2025 Reminder Term

- CF IHS-ATX POV with Computed Finding contains **BGP TOBACCO DXS.**
  - CD-10: F17.2\*, O99.33\*, Z71.6, Z72.0, Z87.891
- SNOMED data set **PXRМ BGP TOBACCO SCREENED** (Problem List only)

#### D.7 IHS-Tobacco Screened CPT 2025 Reminder Term

- CF IHS-ATX CPT with computed finding contains **BGP TOBACCO SCREEN CPTS.**
  - CPT D1320, 99406, 99407, G0030, G9016, G9275, G9276, G9458, 1034F, 1035F, 1036F, 1000F, 4000F, 4001F, 4004F

## Contact Information

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