

Update_2_0_94

Clinical Reminders

VA-COLORECTAL CANCER SCREENING UPDATED Install Guide

January 2020

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

The four colorectal screening reminders were released in 2017 as Clinical reminder Update_2_0_9. This reminder update includes updates/additions to the existing reminders.

The following changes were made:

- 1. The primary gap reminder dialog has been redesigned. Most options now display on opening screen and have been grouped.
- 2. Options have been added to the gap and average risk reminder dialogs to document multitarget stool DNA lab test results (ex. Cologuard®). A positive result will trigger the diagnostic reminder to be due. A negative result will resolve the average risk reminder for 3 years.
- 3. Text in the reminder dialogs regarding resetting the reminders until the patient is 50yo have been changed to "until the patient meets USPTF age guidelines." The U.S. Preventive Services (USPTF) recommended age to begin colorectal cancer screening remains at age 50, but the age may change later.
 - Two additional health factors have been added to represent the text change, VA-CRC AVG RISK SET FUTURE USPTF AGE and VA-CRC PROMPT COLONOSCOPY USPTF AGE
- 4. An option to begin colorectal cancer screening via colonoscopy at the age meeting USPTF guidelines (As of August 2019, it is age 50) has been added to the gap reminder dialog. The dialogs had the option to begin average risk screening at this age in v1. This new option will trigger the VA-CRC FOLLOW UP COLONOSCOPY to become due when the patient meets the age requirement.
- 5. A DUE IN ADVANCE timeframe of 2 months has been added to the average risk reminder.
- 6. An option has been added to the gap reminder dialog to make the average risk reminder due now.
- 7. An option has been added to the gap reminder and average risk reminder dialog to make the average risk reminder due in 6 months.
- 8. The defer option in the average risk reminder has been changed from a 1 month resolution to 3 months.
- 9. Standardized temporary resolution for "Waiting for outside results" to 3 months in all applicable definitions.
- 10. Standardized temporary resolution for "Screening already scheduled or is in process of being scheduled" to 3 months in all applicable definitions.
- 11. "Waiting for outside results" options have been added to all gap reminder dialogs.
- 12. Temporary resolution length text has been added to all applicable options in reminder dialogs.
- 13. Ordering a FIT test from the gap reminder dialog will automatically place the patient on the average risk pathway.
- 14. Documenting the patient will obtain CRC screening without assistance from the VA in the gap reminder dialog will prompt the provider to document whether the patient is at

- average risk or increased/high risk for colorectal cancer. These options will trigger either the average risk or follow up colonoscopy reminder to become due at the appropriate future date.
- 15. The e-consult option text has been changed from "Recommendation not available" to "Unable to determine recommendations."
- 16. Several misspellings corrected, phrasing changes, small logic and dialog corrections.

It will be very important that you follow the install guide carefully during the install.

UPDATE 2 0 94 VA-CRC UPDATE.

The exchange file contains the following components:

REMINDER DIALOGS

VA-CRC COLON SCREENING DOCUMENTATION

VA-CRC PATIENT FOLLOW UP

VA-CRC COLONOSCOPY FOLLOW UP REMINDER

VA-CRC COLONOSCOPY AVG RISK

VA-CRC WAITING FOR RECOMMEND GAP

VA-CRC COLONOSCOPY DIAGNOSTIC REMINDER

REMINDER DEFINITIONS

VA-CRC DIAGNOSTIC COLONOSCOPY

VA-CRC GAP REMINDER

VA-CRC FOLLOW UP COLONOSCOPY

VA-CRC BL MALIGNANCY

VA-CRC BL ADDITIONAL TEST COMPLETE

VA-CRC OBJ GAP TRIGGER

VA-CRC BL ADDITIONAL TEST ORDERED

VA-CRC BL TESTING WITHIN LAST YEAR

VA-CRC BL TISSUE SENT TO PATHOLOGY

VA-CRC BL GAP BRANCHING

VA-CRC AVERAGE RISK

TIU TEMPLATE FIELDS

VA-CRC POC PHONE NUMBER

WORD PROCESSING

TEXT (1-60 CHARACTERS) REQ

OTHER(REQ-DISP ONLY)

VA-CRC IF CANCER..

VA-VAMC NAME

DATE (*)

TEXT 40 CHAR (REQ)

MR/MRS

VA-CRC NCP HYPERLINK

VA-CRC RESULT TYPES

VA-CRC RESULT TYPES C VA-OTHER COMMENT (EXC FROM NOTE)

EDUCATION TOPICS

VA-CRC SCREEN BENEFITS/RISK DECLINING VA-CRC DIAGNOSTIC BENEFITS

HEALTH FACTORS

VA-REMINDER UPDATES

VA-UPDATE 2 0 94

VA-CRC HF CATEGORY

VA-CRC PT REMINDED OF COLONOSCOPY

VA-CRC PT REMINDED OF FIT TEST

VA-CRC COLON SCREEN NOT INDICATED

VA-CRC PROMPT COLONOSCOPY 2.5YR

VA-CRC PROMPT COLONOSCOPY 1.5YR

VA-CRC AVG RISK ORDER COLONOSCOPY

VA-CRC PROMPT COLONOSCOPY 1M

VA-CRC PROMPT COLONOSCOPY 10YR

VA-CRC PROMPT COLONOSCOPY 9YR

VA-CRC PROMPT COLONOSCOPY 8YR

VA-CRC PROMPT COLONOSCOPY 7YR

VA-CRC PROMPT COLONOSCOPY 6YR

VA-CRC PROMPT COLONOSCOPY 5YR

VA-CRC PROMPT COLONOSCOPY 4YR

VA-CRC PROMPT COLONOSCOPY 3YR

VA-CRC PROMPT COLONOSCOPY 2YR

VA-CRC PROMPT COLONOSCOPY 1YR

VA-CRC PROMPT COLONOSCOPY 6M

VA-CRC PROMPT COLONOSCOPY 3M

VA-CRC AVG RISK SET FUTURE USPTF AGE

VA-CRC AVG RISK 2.5 YR

VA-CRC AVG RISK 1.5 YR

VA-CRC AVG RISK 10 YR

VA-CRC AVG RISK 9 YR

VA-CRC AVG RISK 8 YR

VA-CRC AVG RISK 7 YR

VA-CRC AVG RISK 6 YR

VA-CRC AVG RISK 5 YR

VA-CRC AVG RISK 4 YR

VA-CRC AVG RISK 3 YR

VA-CRC AVG RISK 2 YR

VA-CRC AVG RISK 1 YR

VA-CRC DEFER OTHER

VA-CRC MALIGNANCY CONFIRMED BY PATH

VA-CRC ORDER DCBE PREP KIT

- VA-CRC GAP ORDER DCBE
- VA-CRC ORDER CTC PREP KIT
- VA-CRC GAP ORDER CTC
- VA-CRC TISSUE SENT TO PATHO
- VA-CRC PROMPT COLONOSCOPY USPTF AGE
- VA-CRC FOLLOW UP DECLINED
- VA-CRC DIAGNOSTIC RECORD PRIOR
- VA-CRC RECORD COLONOSCOPY
- VA-CRC RECORD SIGMOID
- VA-CRC RECORD CT COLONOGRAPHY
- VA-CRC AVG RISK DUE NOW
- VA-CRC AVG RISK 6 M
- VA-CRC SET FUTURE AVG RISK STOP SCREEN
- VA-CRC GAP ORDER FOBT/FIT
- VA-CRC OUTSIDE CARE
- VA-CRC SCHEDULED SCREENING
- VA-CRC GAP DEFER 1M
- VA-CRC AVG RISK ORDER FOBT/FIT
- VA-CRC ORDER SIGMOID
- VA-CRC AVG RISK SET FUTURE 50 YEARS OLD
- VA-CRC DIAGNOSTIC ORDER COLONOSCOPY
- VA-CRC DIAGNOSTIC SCHEDULED SCRN
- VA-CRC DIAGNOSTIC OUTSIDE CARE
- VA-CRC DIAGNOSTIC WAITING
- VA-CRC DIAGNOSTIC DEFER 1 M
- VA-CRC DIAGNOSTIC DECLINED
- VA-CRC AVG RISK MT-SDNA POSITIVE
- VA-CRC AVG RISK FOBT/FIT ABNORMAL
- VA-CRC DIAGNOSTIC COLON NOT INDICATED
- VA-CRC GAP ADDL TEST DECLINED
- VA-CRC ADDL TESTS RECOMMENDED
- VA-CRC GAP DEFER 3M
- VA-CRC STOP SCREEN OTHER
- VA-CRC STOP SCREEN TOLERATE
- VA-CRC <5 YR LIFE EXPECT
- VA-CRC TOTAL COLECTOMY
- REMINDER FACTORS
- LIFE EXPECTANCY < 6 MONTHS
- VA-CRC REO ECONSULT
- VA-CRC AVG RISK DEFER 3M
- VA-CRC AVG RISK WAITING
- VA-CRC AVG RISK SCRN DECLINED
- VA-CRC CTC ORDER REASON: NOT COMPLETED
- VA-CRC CTC ORDER REASON: RESEARCH
- VA-CRC CTC ORDER REASON: PT DECLINED
- VA-CRC CTC ORDER REASON: CONTRAINDICATED

VA-CRC ORDER CT COLONOGRAPHY

VA-CRC AVG RISK MT-SDNA NEGATIVE

VA-CRC AVG RISK FOBT/FIT NORMAL

VA-CRC FOLLOW UP ORDER COLONOSCOPY

VA-CRC FOLLOW UP SCHEDULED SCRN

VA-CRC FOLLOW UP OUTSIDE CARE

VA-CRC FOLLOW UP DEFER 4 M

VA-CRC FOLLOW UP WAITING

VA-CRC RECORD OTHER

VA-CRC OUTSIDE CARE COMMENT

VA-CRC RECORD BE

VA-CRC AVG RISK DEFER 1M

VA-CRC PROVIDE OUTSIDE RESULT

REMINDER SPONSORS

VHA ONCOLOGY

VHA GI Field Advisory Committee

Office of Nursing Service

VA National Center for Health Promotion and Disease Prevention (NCP)

Office of Patient Care Services

Mental Health Services

National Center for Health Promotion and Disease Prevention (NCP)

REMINDER TAXONOMIES

VA-AGE

VA-REMINDER DEFINITION

REMINDER TAXONOMIES

VA-CRC BARIUM ENEMA

VA-CRC ADDITIONAL TESTS

VA-CRC DIAGNOSTIC COLONOSCOPY

VA-CRC CT COLONOGRAPHY

VA-CRC COLONOSCOPY AND SIGMOIDOSCOPY

VA-TERMINAL CANCER PATIENTS

REMINDER TERMS

VA-REMINDER UPDATE 2 0 94

VA-AGE <50

VA-AGE <40!>74

VA-AGE <40!>65

VA-AGE <40!>66

VA-AGE <40!>67

VA-AGE <40!>68

VA-AGE <40!>69

VA-AGE <40!>70

VA-AGE <40!>71

VA-AGE <40!>72

VA-AGE <40!>73

VA-AGE <40

VA-CRC VETERANS CHOICE SCREEN

VA-CRC GAP TRIGGERS

VA-CRC BL TESTING WI PAST YEAR

VA-AGE >64

VA-CRC AVG RISK DUE NOW

VA-CRC OUTSIDE CARE

VA-CRC SCHEDULED SCREENING

VA-CRC GAP DEFER 1M

VA-CRC GAP ORDER COL/SIG/FIT/FOBT

VA-CRC BARIUM ENEMA

VA-CRC ADDITIONAL TESTS

VA-CRC AVG RISK RESET

VA-CRC DIAGNOSTIC COLONOSCOPY PENDING

VA-CRC MT-SDNA LAB TEST POSITIVE

VA-CRC POSITIVE MT-SDNA HEALTH FACTORS

VA-CRC POSITIVE FOBT/FIT HEALTH FACTORS

VA-CRC DIAGNOSTIC COLONOSCOPY OUTCOMES

VA-CRC COLONOSCOPY COMPLETED

VA-CRC POSITIVE FOBT/FIT LAB TESTS

VA-CRC GAP DECLINED

VA-CRC GAP DEFER 3M

VA-CRC DEFER OTHER

VA-CRC SCREENING NOT INDICATED

VA-CRC TISSUE SENT TO PATHO

VA-CRC GAP ORDER CTC

VA-CRC GAP ORDER DCBE

VA-CRC MALIGNANCY CONFIRMED BY PATH

VA-CRC COLONOSCOPY FOLLOW UP

VA-CRC FOLLOW-UP APPLICABLE/NOT RESOLVED

VA-CRC AVG RISK 2.5 YR

VA-CRC AVG RISK 1.5 YR

VA-CRC AVG RISK SET FUTURE USPTF AGE

VA-CRC CONFIRM OUT OF STUDY

VA-CRC CONFIRM IN STUDY

VA-CRC BL MALIGNANCY

VA-CRC BL ADDITIONAL TEST COMPLETE

VA-CRC BL ADDITIONAL TEST ORDERED

VA-CRC BL TISSUE SENT TO PATHOLOGY

VA-CRC BL GAP A

VA-CRC GAP REMINDER DUE

VA-CRC AVG RISK DEFER 3M

VA-CRC AVG RISK WAITING

VA-CRC AVG RISK SCRN DECLINED

VA-CRC AVG RISK 6 M

VA-CRC GAP REMINDER APPLICABLE/NOT RESOLVED

VA-LIFE EXPECTANCY < 6 MONTHS

VA-CRC AVG RISK 10 YR

VA-CRC AVG RISK 9 YR

VA-CRC AVG RISK 8 YR

VA-CRC AVG RISK 7 YR

VA-CRC FOBT/FIT

VA-CRC AVG RISK 5 YR

VA-CRC AVG RISK 4 YR

VA-CRC AVG RISK 3 YR

VA-CRC AVG RISK 2 YR

VA-CRC AVG RISK 1 YR

VA-CRC AVG RISK ORDER FOBT/FIT

VA-CRC AVG RISK 6 YR

VA-CRC AVG RISK ORDER COL/SIG/CTC

VA-CRC PROMPT COLONOSCOPY 1M

VA-CRC PROMPT COLONOSCOPY 2.5Y

VA-CRC PROMPT COLONOSCOPY 1.5Y

VA-CRC FOLLOW UP DEFER 4 M

VA-CRC FOLLOW UP WAITING

VA-CRC FOLLOW UP DECLINED

VA-CRC FOLLOW UP OUTSIDE CARE

VA-CRC FOLLOW UP SCHEDULED SCRN

VA-CRC PROMPT COLONOSCOPY USPTF AGE

VA-CRC PROMPT COLONOSCOPY 10Y

VA-CRC PROMPT COLONOSCOPY 9Y

VA-CRC PROMPT COLONOSCOPY 8Y

VA-CRC PROMPT COLONOSCOPY 7Y

VA-CRC PROMPT COLONOSCOPY 6Y

VA-CRC PROMPT COLONOSCOPY 5Y

VA-CRC PROMPT COLONOSCOPY 4Y

VA-CRC PROMPT COLONOSCOPY 3Y

VA-CRC PROMPT COLONOSCOPY 2Y

VA-CRC PROMPT COLONOSCOPY 1Y

VA-CRC PROMPT COLONOSCOPY 6M

VA-CRC PROMPT COLONOSCOPY 3M

VA-CRC FOLLOW UP ORDER COLONOSCOPY

HEALTH SUMMARY TYPE

VA-CRC GAP TRIGGER DETAIL

VA-CRC FOBT;3;3Y

VA-CRC FIT;3;3Y

HEALTH SUMMARY OBJECTS

VA-CRC GAP TRIGGER DETAIL

VA-CRC FOBT;3;3Y

VA-CRC FIT;3;3Y

TIU DOCUMENT DEFINITION

PATIENT AGE TODAY'S DATE VA-CRC GAP TRIGGER DETAIL VA-CRC FOBT;3;3Y VA-CRC FIT;3;3Y

Pre-Install

- 1. Using the Vista menu, Reminder Managers Menu, inquire about Reminder Definition, do an inquire/print on the following reminders, you will need to use these as references during post-install to confirm the reminder term mapping:
 - a. VA-CRC AVERAGE RISK
 - b. VA-CRC DIAGNOSTIC COLONOSCOPY
 - c. VA-CRC FOLLOW UP COLONOSCOPY
 - d. VA-CRC GAP REMINDER
- 2. Using the Vista menu, Reminder Dialog Management, Reminder Dialogs, change your view to dialog view and do an inquire/print on the following reminder dialogs; you will need to use these as references during post-install to add back any local modifications that you made:
 - a. VA-CRC COLON SCREENING DOCUMENTATION
 - b. VA-CRC COLONOSCOPY AVG RISK
 - c. VA-CRC COLONOSCOPY DIAGNOSTIC
 - d. VA-CRC COLONOSCOPY FOLLOW UP REMINDER
 - e. VA-CRC WAITING FOR RECOMMEND GAP
- 3. Make note of local modifications of the GI patient pathology results letter portion of the VA-CRC COLON SCREENING DOCUMENTATION dialog, which is within the VA-CRC LETTER PATH REVIEW group of the dialog. Installing the updated version of this dialog will clear local modifications and they will need to be rebuilt after installation.
- 4. In CPRS, use the txml template field editor and do a screen cap of the following fields. During installation if you overwrite instead of Skip, you will know what to put back.
 - a. VA-CRC POC PHONE NUMBER
 - b. VA-VAMC NAME
- 5. Using the VistA menu, Create/Modify Health Summary Type, screen capture the health summary type settings for the following health summary types. During installation if you overwrite instead of Skip, you will need this as a reference.
 - a. VAL-CRC FIT;3;3Y
 - b. VAL-CRC FOBT:3:3Y
- 6. To aid in confirming correct post-installation mapping run a detailed reminder due report for each of the 4 reminder definitions listed in step 1. Run the report for 1-2 clinics for at

least a month of visits prior to installation of the update. After completing post-installation steps run the 4 reminder due reports for the same timeframe and compare the lists. Reviewing discrepancies will help to identify any local findings that are not mapped appropriately. There are instructions in Appendix A on how to run these reports.

Install Details

This update is being distributed as a web host file. The address for the host file is: http://vista.med.va.gov/reminders/UPDATE 2 0 94.PRD

If your site is unable to use LWH, you will have a vista mail message with subject of UPDATE 94.

The file will be installed using Reminder Exchange, programmer access is not required.

Installation:

==========

This update can be loaded with users on the system. Installation may take more than an hour to install all of the components.

Install Example

Use ACTION "LWH" to load the web host file and input URL http://vista.med.va.gov/reminders/UPDATE_2_0_94.PRD

```
+ Next Screen - Prev Screen ?? More Actions
    Create Exchange File Entry
                                            Load Host File
CHF Create Host File
                                       LMM Load MailMan Message
                                            List Reminder Definitions
CMM Create MailMan Message
    Delete Exchange File Entry
DFE
                                       LWH Load Web Host File
IFE Install Exchange File Entry
                                       RI
                                            Reminder Definition Inquiry
     Installation History
Select Action: Next Screen// LWH
                                  Load Web Host File
Input the URL for the .prd file: http://vista.med.va.gov/reminders/UPDATE 2 0 94.PRD
```

You should receive a message that your entry was successfully loaded

Navigate to the exchange entry named UPDATE_2_0_94 VA-CRC UPDATE using SL Action.

```
+Item
      Entry
                                       Source
                                                                 Date Packed
      UPDATE
             2 0 94 VA-CRC UPDATE
                                       PLOTT@SALT LAKE CI
                                                                 12/04/2019@09:33
 202
      UPDATE 2 0 95 VA-COMMUNITY
 203
                                       GRIFFITH@SALT LAKE CI
                                                                 08/28/2019@13:09
      CARE EMERGENCY CARE UPDATE
      UPDATE_2_0_96 VA-CAREGIVER
 204
                                       GRIFFITH@SALT LAKE CI
                                                                 10/16/2019@09:52
      SUPPORT CONSULT
 205
      UPDATE_2_0_97 VA-SPINAL CORD
                                       PLOTT@SALT LAKE CI
                                                                 09/23/2019@10:55
      INJURIES AND DISORDERS
                                                                 11/20/2019@10:34
 206
      UPDATE 2 0 97 VA-SPINAL CORD
                                       PLOTT@SALT LAKE CI
      INJURIES AND DISORDERS
 207
      UPDATE_2_0_97 VA-SPINAL CORD
                                       PLOTT@SALT LAKE CI
                                                                 12/03/2019@11:38
         + 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
    Install Exchange File Entry
                                             Reminder Definition Inquiry
IFE
                                        RI
    Installation History
                                        RP
                                             Repack
TH
Select Action: Next Screen// IFE
                                   Install Exchange File Entry
Enter a list or range of numbers (1-324): 202
```

Once you find your entry, you will use IFE Action to install the entry. In this example, entry 197 will be used to install, the item number will vary by site.

```
Exists
                                                                Category
      Component
             PLOTT, JOSEPH G at SALT LAKE CITY
Date Packed: 12/04/2019@09:33:27
Package Version: 2.0P35
Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-CRC COLON SCREENING DOCUMENTATION
  VA-CRC PATIENT FOLLOW UP
REMINDER TERM
  VA-REMINDER UPDATE 2 0 94
REMINDER DEFINITION
  VA-CRC DIAGNOSTIC COLONOSCOPY
  VA-CRC FOLLOW UP COLONOSCOPY
Enter ?? for more actions
                                                                                  >>>
     Install all Components
                                           IS
                                                Install Selected Component
Select Action: Next Screen// IA
```

Once you select your entry to install, use the IA Action You will see several prompts, for all new entries you will choose I to Install,

For existing entries, you will **Overwrite** unless it is a reminder term or otherwise specified

SKIP – these two TIU template field entries

VA-CRC POC PHONE NUMBER

VA-VAMC NAME

MERGE if it is a reminder term

It is very important that you MERGE reminder terms, this will preserve any local mapping that you completed with the original install.

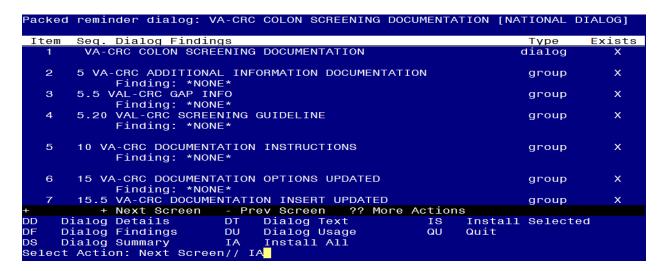
Since there are 6 reminder dialogs to be installed with this UPDATE, you will be promped five separate times to install the dialog components, even though there will be an X in the "Exists" column, you need to Install All because the existing templates were updated:

Packe	d reminder dialog: VA-CRC PATIENT FOLLOW UP [NATIONAL [DIALOG]	
Item	Seq. Dialog Findings	Type	Exists
1	VA-CRC PATIENT FOLLOW UP	dialog	
2	5 VAL-CRC PATIENT FOLLOW UP VERSION Finding: *NONE*	element	
3	10 VAL-CRC GP TEST TYPE Finding: *NONE*	group	
4	10.5 VAL-CRC GP TEST TYPE FOBT/FIT	group	
5	Finding: VA-CRC PT REMINDED OF FIT TEST (HEALTH 10.5.5 VAL-CRC GP TEST TYPE FOBT/FIT PHONE	FACTOR) group	Х
	Finding: *NONE*	g F	
6	10.5.5.5 VAL-CRC TEST TYPE FOBT/FIT PHONE CONTACT	element	
7	Finding: *NONE* PXRM COMMENT	prompt	×
8	10.5.5.10 VAL-CRC TEST TYPE FOBT/FIT PHONE UNABLE	element	^
+	+ Next Screen - Prev Screen ?? More Actions		
DD	Dialog Details DT Dialog Text IS In		d
DF	Dialog Findings DU Dialog Usage QU Qu	it	
	Dialog Summary IA Install All t Action: Next Screen// IA		
Selec	ACTION. Next Gereen, The		

At the <u>Select Action</u> prompt, type \underline{IA} to install the dialog – VA- CRC PATIENT FOLLOW UP

Select Action: Next Screen// IA Install All

	d reminder dialog: VA-CRC PATIENT FOLLOW UP [NATIONAL D] C PATIENT FOLLOW UP (reminder dialog) installed from exc		
Item		Type	Exists
1	VA-CRC PATIENT FOLLOW UP	dialog	Х
2	5 VAL-CRC PATIENT FOLLOW UP VERSION Finding: *NONE*	element	X
3	10 VAL-CRC GP TEST TYPE Finding: *NONE*	group	x
4	10.5 VAL-CRC GP TEST TYPE FOBT/FIT	group	X
	Finding: VA-CRC PT REMINDED OF FIT TEST (HEALTH F	FACTOR)	X
5	10.5.5 VAL-CRC GP TEST TYPE FOBT/FIT PHONE Finding: *NONE*	group	Х
6	10.5.5.5 VAL-CRC TEST TYPE FOBT/FIT PHONE CONTACT Finding: *NONE*	element	Х
7	PXRM COMMENT	prompt	X
8	10.5.5.10 VAL-CRC TEST TYPE FOBT/FIT PHONE UNABLE	element	X
+	+ Next Screen - Prev Screen ?? More Actions		
DD I		tall Selecte	d
DF	Dialog Findings	t	
	Dialog Summary IA Install All		
Selec	t Action: Next Screen// Q		



At the <u>Select Action</u> prompt, type <u>IA</u> to install the dialog – VA- CRC COLON SCREENING **DOCUMENTATION**

Select Action: Next Screen// IA Install All

- 4						
	reminder dialog: V					
VA-CRC	COLON SCREENING DO	CUMENTATION (reminder	dialog) i	nstalled from	exchange f
Item	Seq. Dialog Findin	gs			Type	Exists
1	VA-CRC COLON SCRE	ENING DOCUMEN	TATION		dialog	×
2	5 VA-CRC ADDITIONA Finding: *NON		DOCUMENT	ATION	group	х
3	5.5 VAL-CRC GAP IN Finding: *NON				group	×
4	5.20 VAL-CRC SCREE Finding: *NON	NING GUIDELIN	E		group	×
5	10 VA-CRC DOCUMENT. Finding: *NON		TIONS		group	×
6	15 VA-CRC DOCUMENTA		UPDATED		group	х
7	15.5 VA-CRC DOCUME		T UPDATED		group	X
+	+ Next Screen	- Prev Scree	n ?? Mo	re Action		
DF D DS D	ialog Details ialog Findings ialog Summary Action: Next Scree	DT Dialog DU Dialog IA Install	Text	IS		ted

Packe	d reminder dialog: \	/A-CRC COLONOSCOPY A	VG RISK	[NATIONAL [DIALOG]	
Item	Seq. Dialog Findir	ngs			Type	Exists
1	VA-CRC COLONOSCOR				dialog	Х
2	5 VA-CRC AVG RISK Finding: *NON				group	X
3		SK DECISION SUPPORT			group	X
4	5.5.5 VAL-CRC DEC	SION SUPPORT GRP			group	X
5	5.5.20 VAL-CRC SCF Finding: *NON	REENING GUIDELINE			group	X
6	5.10 VAL-CRC AVG Finding: *NON	RISK INSTRUCTIONS			group	X
7	5.10.5 VA-CRC AVG Finding: *NOM	RISK TESTING			element	Х
+	+ Next Screen	- Prev Screen ??	More Act	tions		
DF DS	Dialog Details Dialog Findings Dialog Summary t Action: Next Scree	DU Dialog Usage IA Install All		[S Insta] QU Quit	ll Selected	1

At the $\underline{Select\ Action}$ prompt, type \underline{IA} to install the dialog – VA- CRC COLONOSCOPY AVG RISK

Select Action: Next Screen// IA Install All

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

Packed	d reminder dialog: \	A-CRC COLONOSCOPY A	VG RISK [NAT	IONAL DIALOG]	
VA-CRO	COLONOSCOPY AVG R	SK (reminder dialog) installed	from exchange 1	ile.
Item	Seq. Dialog Findir	igs		Type	Exists
1	VA-CRC COLONOSCOR	Y AVG RISK		dialog	X
2	5 VA-CRC AVG RISK Finding: *NON			group	×
3		K DECISION SUPPORT		group	×
4	Finding: *NON 5.5.5 VAL-CRC DEC Finding: *NON	SION SUPPORT GRP		group	x
5	5.5.20 VAL-CRC SCF	REENING GUIDELINE		group	×
6	Finding: *NON 5.10 VAL-CRC AVG F Finding: *NON	RISK INSTRUCTIONS		group	x
7	5.10.5 VA-CRC AVG Finding: *NON	RISK TESTING		element	X
+	+ Next Screen	- Prev Screen ??	More Action	ıs	
DD [Dialog Details	DT Dialog Text	IS	Install Select	ed
DF [Dialog Findings	DU Dialog Usage	QU	Quit	
	Dialog Summary				
Select	Action: Next Scree	en// Q			

Packe	d reminder dialog: VA-CRC WAITING FOR RECOMMEND GAP	[NATIONAL DIALOG]
Item	Seq. Dialog Findings	Type	Exists
1	VA-CRC WAITING FOR RECOMMEND GAP	dialog	Х
2	5 VA-CRC GAP HEADER Finding: *NONE*	group	×
3	5.5 VA-CRC GAP POST TEST GROUP A Finding: *NONE*	group	X
4	5.5.5 VA-CRC GAP INFORMATION 2 Finding: *NONE*	group	
5	5.5.5.15 VA-CRC GAP ADDITIONAL INFORMATION Finding: *NONE*	group	X
6	5.5.5.15.5 VAL-CRC GAP INFO Finding: *NONE*	group	X
7	5.5.5.15.20 VAL-CRC SCREENING GUIDELINE Finding: *NONE*	group	X
8	5.5.10 VA-CRC GAP 2.0 OPTIONS	group	
+	+ Next Screen - Prev Screen ?? More Actions		
DD		Install Selected	
		Quit	
DS	Dialog Summary IA Install All		
Selec	t Action: Next Screen// IA		

At the $\underline{Select\ Action}$ prompt, type \underline{IA} to install the dialog – VA- $CRC\ WAITING\ FOR\ RECOMMEND\ GAP$

Select Action: Next Screen// IA Install All

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

Packe	d reminder dialog: V	A-CRC WAITING FO	R RECOMMEN	ND GAP	[NATIONA	L DIALOG]	
VA-CR	C WAITING FOR RECOMM	END GAP (reminde	r dialog)	instal	led from	exchange	file.
Item							xists
1	VA-CRC WAITING FO	R RECOMMEND GAP			C	lialog	×
2	5 VA-CRC GAP HEADE Finding: *NON					group	x
3	5.5 VA-CRC GAP POS					group	X
	Finding: *NON	E*				J	
4	5.5.5 VA-CRC GAP I	NFORMATION 2				group	X
	Finding: *NON						
5	5.5.5.15 VA-CRC GA		ORMATION			group	X
	Finding: *NON						
6	5.5.5.15.5 VAL-CRC					group	X
7	Finding: *NON 5.5.5.15.20 VAL-CR		VEL TNIE			anoun	х
,	Finding: *NON		ELINE			group	^
8	5.5.10 VA-CRC GAP					group	X
+		- Prev Screen	?? More A	Actions		g p	
DD	Dialog Details	DT Dialog Tex				Selected	
DF	Dialog Findings	DU Dialog Usa	ige	QU	Quit		
DS	Dialog Summary	IA Install Al	.1				
Selec	t Action: Next Scree	n// Q					
			*				

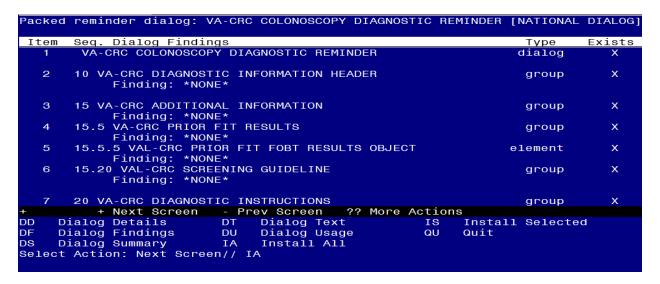
Packe	d reminder dialog: VA-CRC COLONOSCOPY FOLLOW UP REMINDER	[NATIONAL	DIALOG]
Item	Seq. Dialog Findings	Type	Exists
1	VA-CRC COLONOSCOPY FOLLOW UP REMINDER	dialog	X
2	10 VA-CRC COLONOSCOPY FOLLOW UP HEADER Finding: *NONE*	group	×
3	15 VA-CRC ADDITIONAL INFORMATION FOLLOW UP Finding: *NONE*	group	x
4	15.5 VAL-CRC ADDITIONAL INFORMATION FOLLOW UP Finding: *NONE*	group	X
5	15.20 VAL-CRC SCREENING GUIDELINE Finding: *NONE*	group	×
6	20 VA-CRC FOLLOW UP INSTRUCTIONS Finding: *NONE*	group	×
7	20.5 VA-CRC FOLLOW UP REM INSTRUCTIONS	element	X
+	+ Next Screen - Prev Screen ?? More Actions		
		ill Selecte	ed
DF	Dialog Findings DU Dialog Usage QU Quit		
	Dialog Summary IA Install All		
Selec	t Action: Next Screen// IA		

At the <u>Select Action</u> prompt, type \underline{IA} to install the dialog – VA- CRC COLONOSCOPY FOLLOW UP REMINDER

Select Action: Next Screen// IA Install All

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

Packed	reminder dialog: VA-	CRC COLONOS	COPY FOLLOW	UP REM	IINDER [NA	TIONAL	DIALOG]
VA-CRC	COLONOSCOPY FOLLOW U	P REMINDER	(reminder di	ialog)	installed	from	exchange
Item	Seq. Dialog Findings					Type	Exists
1	VA-CRC COLONOSCOPY	FOLLOW UP R	EMINDER		d	ialog	X
2	10 VA-CRC COLONOSCOP Finding: *NONE*		HEADER			group	×
3	15 VA-CRC ADDITIONAL	INFORMATIO	N FOLLOW UP			group	х
	Finding: *NONE*					J	
4	15.5 VAL-CRC ADDITIO	NAL INFORMA	TION FOLLOW	UP		group	X
	Finding: *NONE*						
5	15.20 VAL-CRC SCREEN	ING GUIDELI	NE			group	X
	Finding: *NONE*						
6	20 VA-CRC FOLLOW UP	INSTRUCTION	S			group	X
	Finding: *NONE*						
7	20.5 VA-CRC FOLLOW U	P REM INSTR	UCTIONS		el	ement	X
+	+ Next Screen -	Prev Scree	n ?? More	Action	IS		
DD D	ialog Details D	T Dialog	Text	IS	Install	Select	ed
	ialog Findings D			QU	Quit		
	ialog Summary I		A11				
Select	Action: Next Screen/	/ Q					
		*					



At the <u>Select Action</u> prompt, type <u>IA</u> to install the dialog – VA- CRC COLONOSCOPY **DIAGNOSTIC REMINDER**

Select Action: Next Screen// IA Install All

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

	reminder dialog: VA-CRC COLONOSCOPY DIAGNOSTIC REMINDER		
VA-CRC	COLONOSCOPY DIAGNOSTIC REMINDER (reminder dialog) insta	alled from	exchange
Item	Seq. Dialog Findings	Type	Exists
1	VA-CRC COLONOSCOPY DIAGNOSTIC REMINDER	dialog	X
2	10 VA-CRC DIAGNOSTIC INFORMATION HEADER Finding: *NONE*	group	×
3	15 VA-CRC ADDITIONAL INFORMATION	group	X
	Finding: *NONE*	J	
4	15.5 VA-CRC PRIOR FIT RESULTS	group	X
	Finding: *NONE*		
5	15.5.5 VAL-CRC PRIOR FIT FOBT RESULTS OBJECT	element	X
	Finding: *NONE*		
6	15.20 VAL-CRC SCREENING GUIDELINE	group	X
	Finding: *NONE*		
_			
	20 VA-CRC DIAGNOSTIC INSTRUCTIONS	group	X
+	+ Next Screen - Prev Screen ?? More Actions		
DD D		all Selecte	d
	ialog Findings DU Dialog Usage QU Quit		
DS D	ialog Summary IA Install All		
Select	Action: Next Screen// Q		
· ·	·		"

You will then see the following prompts – you may **SKIP** when prompted to overwrite:

HEALTH SUMMARY TYPE entry named VA-CRC GAP TRIGGER DETAIL already exists but the packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- O Overwrite the current entry
- U Update
- O Ouit the install
- S Skip, do not install this entry

Enter response: O// // Skip, do not install this entry

HEALTH SUMMARY TYPE entry named VAL-CRC FOBT;3;3Y already exists but the packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: O// Skip, do not install this entry

HEALTH SUMMARY TYPE entry named VAL-CRC FIT;3;3Y already exists but the packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: O// Skip, do not install this entry

```
Category
                                                                              Exists
      Component
Source: PLOTT, JOSEPH G at SALT LAKE CITY
Date Packed: 12/04/2019@09:33:27
Package Version: 2.0P35
Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-CRC COLON SCREENING DOCUMENTATION
  VA-CRC PATIENT FOLLOW UP
REMINDER TERM
  VA-REMINDER UPDATE 2 0 94
REMINDER DEFINITION
  VA-CRC DIAGNOSTIC COLONOSCOPY
  VA-CRC FOLLOW UP COLONOSCOPY
           Enter ?? for more actions
     Install all Components
                                                 Install Selected Component
Select Action: Next Screen// Q
```

After all the dialogs install, you will then be returned to this screen. At the <u>Select Action</u> prompt, type $\underline{\mathbf{Q}}$.

Install Complete

Post Installation

Currently used local health factors and orderable items need to be mapped to the appropriate reminder terms below. A description for each new term for v2 is included.

1. Compare the pre-install printout of each of the reminder definitions, review the terms and confirm that any local entries are still mapped to these terms. <u>If you merged the terms as instructed during the installation process, you should only need to verify that your local items are still there, no new mapping or changes should be needed.</u>

For a description of each of the following terms, refer to the Clinical Reminders Update 9 VA-Colorectal Cancer Screening Reminders installation guide located in the VistA Documentation Library (VDL). https://www.va.gov/vdl/application.asp?appid=60

VA-CRC AVG RISK 1 YR

VA-CRC AVG RISK 1.5 YR

VA-CRC AVG RISK 2 YR

VA-CRC AVG RISK 2.5 YR

VA-CRC AVG RISK 4 YR

VA-CRC AVG RISK 5 YR

VA-CRC AVG RISK 6 YR

VA-CRC AVG RISK 7 YR

VA-CRC AVG RISK 8 YR

VA-CRC AVG RISK 9 YR

VA-CRC AVG RISK 10 YR

VA-CRC AVG RISK SCRN DECLINED

VA-CRC AVG RISK ORDER COL/SIG/CTC

VA-CRC AVG RISK ORDER FOBT/FIT

VA-CRC AVG RISK WAITING

VA-CRC AVG RISK DEFER 1M

VA-CRC SCREENING NOT INDICATED

VA-CRC FOBT/FIT

VA-CRC DIAGNOSTIC COLONOSCOPY PENDING

VA-CRC GAP REMINDER APPLICABLE/NOT RESOLVED

VA-CRC GAP ORDER COL/SIG/FIT/FOBT

VA-CRC FOLLOW-UP APPLICABLE/NOT RESOLVED

VA-CRC SCHEDULED SCREENING

VA-CRC OUTSIDE CARE

VA-CRC VETERANS CHOICE SCREEN

VA-CRC FOLLOW UP ORDER COLONOSCOPY

VA-CRC FOLLOW UP SCHEDULED SCRN

VA-CRC FOLLOW UP OUTSIDE CARE

VA-CRC FOLLOW UP DECLINED

VA-CRC FOLLOW UP WAITING

VA-CRC FOLLOW UP DEFER 4 M

```
VA-CRC PROMPT COLONOSCOPY 3M
```

VA-CRC PROMPT COLONOSCOPY 6M

VA-CRC PROMPT COLONOSCOPY 1Y

VA-CRC PROMPT COLONOSCOPY 1.5Y

VA-CRC PROMPT COLONOSCOPY 2Y

VA-CRC PROMPT COLONOSCOPY 2.5Y

VA-CRC PROMPT COLONOSCOPY 3Y

VA-CRC PROMPT COLONOSCOPY 4Y

VA-CRC PROMPT COLONOSCOPY 5Y

VA-CRC PROMPT COLONOSCOPY 6Y

VA-CRC PROMPT COLONOSCOPY 7Y

VA-CRC PROMPT COLONOSCOPY 8Y

VA-CRC PROMPT COLONOSCOPY 9Y

VA-CRC PROMPT COLONOSCOPY 10Y

VA-CRC POSITIVE FOBT/FIT LAB TESTS

VA-CRC POSITIVE FOBT/FIT HEALTH FACTORS

VA-CRC COLONOSCOPY COMPLETED

VA-CRC BARIUM ENEMA

VA-CRC ADDITIONAL TESTS

VA-CRC DIAGNOSTIC COLONOSCOPY OUTCOMES

VA-CRC GAP TRIGGERS

VA-CRC MALIGNANCY CONFIRMED BY PATH

VA-CRC GAP ORDER DCBE

VA-CRC GAP ORDER CTC

VA-CRC TISSUE SENT TO PATHO

VA-CRC DEFER OTHER

VA-CRC GAP DEFER 3M

VA-CRC GAP DEFER 1M

VA-CRC GAP DECLINED

VA-LIFE EXPECTANCY < 6 MONTHS

VA-CRC CONFIRM IN STUDY

VA-CRC CONFIRM OUT OF STUDY

<u>The following are new terms or terms that have been updated – below are descriptions, you should not need to map any new local items to these terms, if you had existing local health factors mapped, you may add them if you did not choose merge on the install.</u>

VA-CRC BL TESTING WI PAST YEAR

This term is used as branching logic within the VA-CRC WAITING FOR RECOMMEND GAP dialog. It should not be edited at the local level.

VA-CRC AVG RISK 6 M

Use the findings distributed with this reminder term or map any local findings that change the frequency of Average risk CRC screening to 6 months.

This term is distributed mapped to the following health factor:

VA-CRC AVG RISK 6 M

VA-CRC AVG RISK DUE NOW

Use the findings distributed with this reminder term or map any local findings that changes the status of the VA-CRC AVERAGE RISK reminder to DUE NOW.

This term is distributed mapped to the following health factor: VA-CRC AVG RISK DUE NOW

VA-CRC AVG RISK DEFER 3M

Use the findings distributed with this reminder term or map any local findings that represent the provider is deferring addressing the average risk reminder for 3 months.

This term is distributed mapped to the following health factor: VA-CRC AVG RISK DEFER 1M, VA-CRC AVG RISK DEFER 3M

VA-CRC AVG RISK SET FUTURE USPTF AGE

*Term VA-CRC AVG RISK SET FUTURE 50 replaced in v2 with term VA-CRC AVG RISK SET FUTURE USPTF AGE.

Use the findings distributed with this reminder term or map any local findings that set the Average risk CRC screening reminder to become due again when the patient meets USPTG guidelines. As of August 2019, it is age 50.

This term is distributed mapped to the following health factors: VA-CRC AVG RISK SET FUTURE 50 YEARS OLD,

VA-CRC AVG RISK SET FUTURE USPTF AGE

VA-CRC POSITIVE MT-SDNA HEALTH FACTORS

This term is used to trigger the VA-CRC DIAGNOSTIC COLONOSCOPY reminder to be due. It should contain local health factors that represent a positive multi-target stool DNA test. Map any local findings that meet the intent of this term. <u>DO NOT MAP FIT</u> or FOBT FINDINGS TO THIS TERM.

Do not map lab tests to this term. Lab tests for multi-target stool DNA tests should be mapped to the term VA-CRC POSITIVE MT-SDNA LAB TESTS

This term is mapped to the national health factor VA-CRC AVG RISK MT-SDNA POSITIVE

VA-CRC POSITIVE MT-SDNA LAB TESTS

This term is used to trigger the VA-CRC DIAGNOSTIC COLONOSCOPY reminder to be due. It should contain local lab tests that represent the multitarget stool DNA lab tests. Map any local findings that meet the intent of this term. <u>DO NOT MAP FIT or FOBT FINDINGS TO THIS TERM.</u>

This term is deployed empty. Coordinate with local lab information manager <u>AND</u> Gastroenterology/Primary Care providers to map appropriate lab tests and set condition

for positive results. This term should be empty if site does not offer multitarget stool DNA lab tests

VA-CRC PROMPT COLONOSCOPY USPTF AGE

Use the findings distributed with this reminder term or map any local findings that set the VA-CRC FOLLOW UP COLONOSCOPY reminder to become due again when the patient meets USPTG guidelines. As of August 2019, it is age 50.

This term is distributed mapped to the following health factors: VA-CRC PROMPT COLONOSCOPY USPTF AGE

The following are existing reminder terms that have been updated – below are descriptions. If you merged the terms as instructed during the installation process, you should only need to verify that your local items are still there, no new mapping or changes should be needed.

VA-CRC AVG RISK 3 YR

Use the findings distributed with this reminder term or map any local findings that change the frequency of Average risk CRC screening to 3 years.

A new health factor has been added in v2, VA-CRC AVG RISK MT-SDNA NEGATIVE. A negative multi-target stool DNA test will resolve the average risk reminder for 3 years. Map any local findings that meet the intent of this term. DO NOT MAP FIT or FOBT FINDINGS TO THIS TERM.

This term is distributed mapped to the following health factor: VA-CRC AVG RISK 3 YR, VA-CRC AVG RISK MT-SDNA NEGATIVE

VA-CRC AVG RISK RESET

Use the findings distributed with this reminder term and map any local findings that are used to set a due date for average risk CRC screening.

A new health factor has been added to this term in v2, AVG RISK SET FUTURE USPTF AGE. Map any additional local findings that set the Average risk CRC screening reminder to become due again when the patient meets USPTG guidelines. As of August 2019, it is age 50.

This term is distributed mapped to the following health factors:

VA-CRC AVG RISK 1 YR, VA-CRC AVG RISK 1.5 YR, VA-CRC AVG RISK 2 YR, VA-CRC AVG RISK 2.5 YR VA-CRC AVG RISK 3 YR, VA-CRC AVG RISK 4 YR, VA-CRC AVG RISK 5 YR, VA-CRC AVG RISK 6 YR, VA-CRC AVG RISK 7 YR, VA-CRC AVG RISK 8 YR, VA-CRC AVG RISK 9 YR, VA-CRC AVG RISK 10 YR, VA-CRC AVG RISK SET FUTURE 50 YEARS OLD, VA-CRC AVG RISK 6 M, VA-CRC AVG RISK SET FUTURE USPTF AGE

This term is used in the cohort logic of the Avg Risk CRC reminder to make the reminder applicable to patients. Custom logic sets an appropriate due date for the most recently documented health factor.

VA-CRC COLONOSCOPY FOLLOW UP

Use the findings distributed with this reminder term AND map any local findings that represent the FOLLOW UP COLONOSCOPY reminder has been set to become due for a future date. Findings in this term make the AVG RISK reminder not applicable.

A new health factor has been added to this term in v2, VA-CRC PROMPT COLONOSCOPY USPTF AGE. Map any additional local findings that set the FOLLOW UP COLONOSCOPY reminder to become due again when the patient meets USPTG guidelines. As of August 2019, it is age 50.

This term is distributed mapped to the following health factors:

VA-CRC PROMPT COLONOSCOPY 3M, VA-CRC PROMPT COLONOSCOPY 6M, VA-CRC PROMPT COLONOSCOPY 1Y, VA-CRC PROMPT COLONOSCOPY 1.5Y, VA-CRC PROMPT COLONOSCOPY 2Y, VA-CRC PROMPT COLONOSCOPY 2.5Y VA-CRC PROMPT COLONOSCOPY 3Y, VA-CRC PROMPT COLONOSCOPY 4Y, VA-CRC PROMPT COLONOSCOPY 5Y, VA-CRC PROMPT COLONOSCOPY 6Y, VA-CRC PROMPT COLONOSCOPY 7Y, VA-CRC PROMPT COLONOSCOPY 8Y, VA-CRC PROMPT COLONOSCOPY 9Y, VA-CRC PROMPT COLONOSCOPY 10Y, VA-CRC PROMPT COLONOSCOPY 10Y, VA-CRC PROMPT COLONOSCOPY USPTF AGE

- **2.** <u>Update reminder dialogs</u> to add your local quick orders, disable elements as needed or add local content. You should use your pre-install inquiry of the dialogs to identify the correct quick orders or if any quick order is needed.
 - a) Map quick order for ordering FIT or FOBT (as appropriate for local facility) lab test to the following dialog groups. Do not remove national health factor in the finding item field. You can use your pre-install inquiry of the dialogs to identify the correct quick order

This group is a local class, so the text displaying in the dialog can be customized to local practices. It can also be used to add additional local FIT/FOBT ordering options instead of using the group as the order.

A. Group Name: VAL-CRC AVG RISK ORDER FOBT/FIT

FINDING ITEM: HF VA-CRC AVG RISK ORDER FOBT/FIT
Select ADDITIONAL FINDINGS: Enter name of local quick order here

B. Group Name: VAL-CRC GAP ORDER FOBT/FIT

FINDING ITEM: HF VA-CRC GAP ORDER FOBT/FIT
Select ADDITIONAL FINDINGS: Enter name of local quick order here

b) Map quick order for ordering a colonoscopy to the following element. Do not remove national health factor in the finding item field. You can use your pre-install inquiry of the dialogs to identify the correct quick order

This element is a local class, so the text displaying in the dialog can be customized to local practices.

Element Name: VAL-CRC AVG RISK ORDER COLONOSCOPY

FINDING ITEM: HF VA-CRC AVG RISK ORDER COLONOSCOPY
Select ADDITIONAL FINDINGS: Enter name of local quick order here

c) Map quick order for ordering a future care consult for a colonoscopy to the following element OR disable this element if not appropriate. Do not remove national health factor in the finding item field. You can use your pre-install inquiry of the dialogs to identify the correct quick order

This element offers the opportunity to order a future care consult for a colonoscopy in one year of documentation (recommended by VHA GI Field Advisory Committee). It is embedded in the option to reset the colonoscopy reminder for a year. This element is a local class, so it can be disabled if local site doesn't want to offer it in the option. If the order option is disabled; then also disable the element VAL-CRC FUTURE COLON 1 YR WARNING 1YR.

Element Name: VAL-CRC AVG RISK ORDER COLONOSCOPY 1YR

FINDING ITEM: HF VA-CRC AVG RISK ORDER COLONOSCOPY
Select ADDITIONAL FINDINGS: Enter name of local quick order here

d) Map quick order for ordering a follow-up colonoscopy to the following element. Do not remove national health factor in the finding item field. You can use your preinstall inquiry of the dialogs to identify the correct quick order

This element is a local class, so the text displaying in the dialog can be customized to local practices.

Element Name: VAL-CRC FOLLOW UP ORDER COLONOSCOPY

FINDING ITEM: HF VA-CRC FOLLOW UP ORDER COLONOSCOPY
Select ADDITIONAL FINDINGS: Enter name of local quick order here

e) Map quick order for ordering a diagnostic colonoscopy to the following element. Do not remove national health factor in the finding item field. You can use your pre-install inquiry of the dialogs to identify the correct quick order

This element is a local class, so the text displaying in the dialog can be customized to local practices.

Element Name: VAL-CRC DIAGNOSTIC ORDER COLONOSCOPY

FINDING ITEM: HF VA-CRC DIAGNOSTIC ORDER COLONOSCOPY
Select ADDITIONAL FINDINGS: Enter name of local quick order here

f) Map quick order for ordering a sigmoidoscopy to the following element. Do not remove national health factor in the finding item field. You can use your pre-install inquiry of the dialogs to identify the correct quick order

This element is a local class, so the text displaying in the dialog can be customized to local practices.

Element Name: VAL-CRC AVG RISK ORDER SIGMOIDOSCOPY

FINDING ITEM: HF VA-CRC ORDER SIGMOIDOSCOPY
Select ADDITIONAL FINDINGS: Enter name of local quick order here

g) Map quick order for ordering a CT Colonography to the following four elements and one group. Do not remove national health factor in the finding item field.

Elements

Element Name: VA-CRC AVG RISK CTC CONTRAINDICATED

FINDING ITEM: HF VA-CRC AVG RISK CTC ORDER REASON:

CONTRAINDICATED

Select ADDITIONAL FINDINGS: Enter name of local quick order here

Dialog Name: VA-CRC AVG RISK CTC PT REFUSES

FINDING ITEM: HF VA-CRC CTC ORDER REASON: PT DECLINED

Select ADDITIONAL FINDINGS: Enter name of local quick order here

Dialog Name: VA-CRC AVG RISK CTC RESEARCH

FINDING ITEM: HF VA-CRC CTC ORDER REASON: RESEARCH

Select ADDITIONAL FINDINGS: Enter name of local quick order here

Dialog Name: VA-CRC AVG RISK CTC NOT COMPLETE

FINDING ITEM: HF VA-CRC CTC ORDER REASON: NOT COMPLETED

Select ADDITIONAL FINDINGS: Enter name of local quick order here

Group

Dialog Name: VAL-CRC RECOMMEND CT COLONOGRAPHY

This group is a local class, so the text displaying in the dialog can be customized to local practices.

FINDING ITEM: HF VA-CRC GAP ORDER CTC
Select ADDITIONAL FINDINGS: Enter name of local quick order here

Dialog Name: VAL-CRC GAP RECOMMEND CT COLONOGRAPHY

This group is a local class, so the text displaying in the dialog can be customized to local practices.

FINDING ITEM: HF VA-CRC GAP ORDER CTC
Select ADDITIONAL FINDINGS: Enter name of local quick order here

h) Map quick order for ordering a CT Colonography prep kit to the following element. Do not remove national health factor in the finding item field. You can use your pre-install inquiry of the dialogs to identify the correct quick order

This element is a local class, so local sites can remove it from dialog if needed.

Dialog Name: VAL-CRC ORDER CTC PREP KIT

FINDING ITEM: HF VA-CRC ORDER CTC PREP KIT
Select ADDITIONAL FINDINGS: Enter name of local quick order here

i) Map quick order for ordering a Double Contrast Barium Enema to the following groups. Do not remove national health factor in the finding item field.

Each is a local class, so the text displaying in the dialog can be customized to local practices.

Dialog Name: VAL-CRC RECOMMEND BARIUM ENEMA and

VAL-CRC GAP RECOMMEND BARIUM ENEMA

Select ADDITIONAL FINDINGS: Enter name of local quick order here

j) Map quick order for ordering a Double Contrast Barium Enema prep kit to the following element. Do not remove national health factor in the finding item field.

Dialog Name: VAL-CRC ORDER DCBE PREP KIT

This element is a local class, so local sites can remove it from dialog if needed.

FINDING ITEM: HF VA-CRC ORDER DCBE PREP KIT
Select ADDITIONAL FINDINGS: Enter name of local quick order here

k) Map quick order for ordering an e-Consult to the GI service to the following group and element. Do not remove national health factor in the finding item field.

This group is left as local intentionally. It can be disabled at the local level if an option for ordering an e-Consult is not appropriate.

```
NAME: VAL-CRC REQ E-CONSULT
DISABLE: Enter "2" here to disable this group and remove it from
displaying
         in the CRC screening dialogs. Otherwise, skip this field
CLASS: LOCAL
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE:
ORDERABLE ITEM:
Finding item: HF VA-CRC REQ ECONSULT
FINDING ITEM: VA-CRC REQ ECONSULT//
Additional findings: none
Select ADDITIONAL FINDING: Enter name of local quick order here
This element is left as local intentionally. It can be disabled at the local level if an
option for ordering an e-Consult is not appropriate.
NAME: VAL-CRC REQUEST ECONSULT
DISABLE: Enter "2" here to disable this element and remove it from
displaying
         in the CRC screening dialogs. Otherwise, skip this field
CLASS: LOCAL
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE:
ORDERABLE ITEM:
Finding item: HF VA-CRC REQ ECONSULT
FINDING ITEM: VA-CRC REQ ECONSULT//
Additional findings: none
Select ADDITIONAL FINDING: Enter name of local quick order here
```

- 3. Compare the health summary types below to the settings screen captured before the installation. Make any necessary changes.
 - a. VAL-CRC FIT;3;3Yb. VAL-CRC FOBT;3;3Y
- 4. Update FIT/FOBT TIU object in VA-CRC COLONOSCOPY DIAGNOSTIC REMINDER dialog. The two data objects listed above are included in the reminder dialog. If both data objects above are not needed, you can remove one from the dialog.

In the reminder dialog editor, change to element view, edit the Dialog/Progress note text in Dialog Element VAL-CRC PRIOR FIT FOBT RESULTS OBJECT to remove one of the data objects, if both are not needed.

```
Dialog Name: VAL-CRC PRIOR FIT FOBT RESULTS OBJECT
Current dialog element/group name: VAL-CRC PRIOR FIT FOBT RESULTS
OBJECT
Used by: VA-CRC PRIOR FIT RESULTS (Dialog Group)
NAME: VAL-CRC PRIOR FIT FOBT RESULTS OBJECT
DISABLE:
CLASS: LOCAL//
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE:
ORDERABLE ITEM:
FINDING ITEM:
Additional findings: none
Select ADDITIONAL FINDING:
DIALOG/PROGRESS NOTE TEXT:
|VA-CRC FIT;3;3Y|\\
|VA-CRC FOBT;3;3Y|
 Edit? NO// Y
==[ WRAP ]==[ INSERT ]===< DIALOG/PROGRESS NOTE TEXT >===[
<PF1>H=Help |====
|VA-CRC FIT;3;3Y|\\
|VA-CRC FOBT;3;3Y|
Remove the object that is not needed
====T>=====
```

<u>5.</u> Enter TIU object into VAL-CRC DECISION SUPPORT GRP dialog **OR** disable the group to prevent unnecessary text in the reminder dialog.

The dialogs are distributed with a placeholder group for local sites to enter TIU objects to display useful, appropriate information to clinicians, such as previous CRC screening results, pathology results, etc. The group displays the "PLACEHOLDER FOR ADDITIONAL INFORMATION" text as below. The group is set as a local class intentionally, so local sites can edit as needed.

```
NAME: VAL-CRC DECISION SUPPORT

DISABLE: Enter "2" here to disable this group and remove it from displaying

in the CRC screening dialogs. Otherwise, skip this field CLASS: LOCAL
SPONSOR:
```

<u>6.</u> Enter TIU object into VAL-CRC ADDITIONAL INFORMATION FOLLOW UP dialog OR disable the group to prevent unnecessary text in the reminder dialog.

The VA-CRC COLONOSCOPY FOLLOW UP REMINDER dialog is distributed with a placeholder group for local sites to enter TIU objects to display useful, appropriate information to clinicians, such as previous CRC screening results, pathology results, etc. The group displays the "placeholder for additional information" text as below. The group is set as a local class intentionally, so sites can edit as needed.

<u>7.</u> Enter TIU object into VAL-CRC GAP INFO dialog OR disable the group to prevent unnecessary text in the reminder dialog.

The VA-CRC WAITING FOR RECOMMEND GAP dialog is distributed with a placeholder group for local sites to enter TIU objects to display useful, appropriate information to clinicians, such as previous CRC screening results, pathology results, etc. The same group is in each branching group of the Gap Reminder dialog. There is no need to edit each branching group. The group displays the "PLACEHOLDER FOR ADDITIONAL INFORMATION" text as below. The group is set as a local class intentionally, so local sites can edit as needed.

```
NAME: VAL-CRC GAP INFO
DISABLE: Enter "2" here to disable this group and remove it from
displaying
        in the CRC screening dialogs. Otherwise, skip this field
CLASS: LOCAL
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE:
ORDERABLE ITEM:
FINDING ITEM:
Additional findings: none
Select ADDITIONAL FINDING:
DIALOG/PROGRESS NOTE TEXT:
PLACEHOLDER FOR ADDITIONAL RESULTS
 Edit? NO// YES
==[ WRAP ]==[ INSERT ]=====< DIALOG/PROGRESS NOTE TEXT >====[
<PF1>H=Help =
PLACEHOLDER FOR ADDITIONAL RESULTS
INSERT DATA OBJECT HERE and edit text as appropriate.
```

- 8. Compare the following TIU template fields to the settings captured before installation. Make any necessary changes.
 - a. VA-VAMC NAME
 - b. VA-CRC POC PHONE NUMBER

9. Enable the CONFIRM research study group in the VA-CRC COLONOSCOPY AVG RISK dialog and add local content if appropriate.

The VA-CRC COLONOSCOPY AVG RISK dialog has a group named VAL-CRC AVG RISK CONFIRM set as a local class embedded in the "Other Options:" section. This is for sites to add a CONFIRM research option if their site is participating in the study and their process requires an option on the Average Risk CRC screen reminder. The group is distributed with a status of disabled, so not to display for most sites. It will need to be enabled and configured to local policies for use.

Below is a screenshot of the "Other Options" section of the Average Risk CRC Screen dialog with the VAL-CRC AVG RISK CONFIRM group enabled. The group will need to be configured locally for use.

```
\square Establish a new due date for average risk colorectal cancer screening or Colonoscopy reminders
   (justification required)
 \hfill\square Request eConsult for assistance or recommendations
 □ Placeholder for CONFIRM option if appropriate
NAME: VAL-CRC AVG RISK CONFIRM
DISABLE: DISABLE AND DO NOT SEND MESSAGE// @ Enter @ to enable group
    SURE YOU WANT TO DELETE? Y
CLASS: LOCAL
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE:
ORDERABLE ITEM:
FINDING ITEM:
Additional findings: none
Select ADDITIONAL FINDING:
DIALOG/PROGRESS NOTE TEXT:
PLACEHOLDER FOR ADDITIONAL RESULTS
  Edit? NO// YES
==[ WRAP ]==[ INSERT ]=====< DIALOG/PROGRESS NOTE TEXT >====[
<PF1>H=Help =
Placeholder for CONFIRM option if appropriate
Edit text as appropriate.
```

Other Options:

<u>10.</u> Make the Dialog able to be attached to a Personal/Shared template or to a progress note title.

From the Reminders Manager Menu:

Select Reminder Managers Menu Option: **CP** CPRS Reminder Configuration

- CA Add/Edit Reminder Categories
- CL CPRS Lookup Categories
- CS CPRS Cover Sheet Reminder List
- MH Mental Health Dialogs Active
- PN Progress Note Headers
- RA Reminder GUI Resolution Active
- TIU TIU Template Reminder Dialog Parameter
- DL Default Outside Location
- PT Position Reminder Text at Cursor

Select CPRS Reminder Configuration Option: TIU TIU Template Reminder Dialog Parameter Reminder Dialogs allowed as Templates 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 [NATREM.FO-SLC.MED.VA.GOV]

Enter selection: 5 Choose the appropriate number for your site. Your site may do this by System or other levels. The example below uses SYSTEM level

Setting Reminder Dialogs allowed as Templates for System:

Select Display Sequence: ?

- 148 VA-VETERANS CHOICE NOTE
- 149 VA-TBI SCREENING

When you type a question mark above, you will see the list of #'s (with dialogs) that are already taken. Choose a number **NOT** on this list. For this example, looking above I see the number 150 is not present, so I will use 150.

Select Display Sequence: 150

Are you adding 150 as a new Display Sequence? Yes// Y YES

Display Sequence: 150// <Enter> 150

Clinical Reminder Dialog: type in the name of the dialog

VA-CRC PATIENT FOLLOW UP

then <enter> reminder dialog NATIONAL

OK? Yes// <Enter> (Yes)

You can set this new reminder dialog up connected to a letter/note title or shared template at your site, we recommend you review with your local PC leadership and GI to see if use of this optional template would be beneficial for your site. All the components are local and can be edited.

NOTE: If you require further technical assistance, if there are any questions or problems during the installation, please notify your local IT support to log a national help desk ticket or contact the VA Service Desk and have them submit a national ticket to:

Category: Enterprise Applications

Enterprise Application: VistA - Clinical Reminders

Assignment Group: NTL SUP Clin 2

Appendix A: Reminder Due Example

<u>Instructions for running the reminder due reports. Complete steps 1-3 before installing the update.</u>

1. Sign into VistA and follow the highlighted prompts below. Navigate to the reminder managers menu

Select Systems Manager Menu Option: Reminder Managers Menu

```
CF
       Reminder Computed Finding Management ...
       Reminder Definition Management ...
RM
       Reminder Sponsor Management ...
SM
MXT
      Reminder Taxonomy Management
TRM
      Reminder Term Management ...
       Reminder Location List Management ...
LM
      Reminder Exchange
RX
RT
      Reminder Test
      Other Supporting Menus ...
0S
INFO
      Reminder Information Only Menu ...
       Reminder Dialog Management ...
DM
      CPRS Reminder Configuration ...
CP
RP
       Reminder Reports ...
MST
       Reminders MST Synchronization Management ...
PL
       Reminder Patient List Menu ...
PAR
      Reminder Parameters ...
VS
      NLM Value Set Menu
      Reminder Order Check Menu ...
ROC
CQM
      NLM Clinical Quality Measures Menu
      Reminder Extract Menu ...
XΜ
GEC
      GEC Referral Report
```

Select Reminder Managers Menu Option: Reminder Reports

```
D
       Reminders Due Report
DRU
       Reminders Due Report (User)
       User Report Templates
DRT
EPT
       Extract EPI Totals
       Extract EPI List by Finding and SSN
EPF
EQT
       Extract QUERI Totals
       GEC Referral Report
GEC
       Review Date Report
REV
FUR
       Finding Usage Report
       HT Previous Enrollment Health Factor Search
HT
```

```
Select Reminder Reports Option: Reminders Due Report
Select an existing REPORT TEMPLATE or return to continue: <enter>
     Select one of the following:
          Ι
                    Individual Patient
          R
                    Reminder Patient List
                    Location
          L
                    OE/RR Team
          0
                    PCMM Provider
          Т
                    PCMM Team
PATIENT SAMPLE: Location
Select FACILITY: TEST VAMC// Choose appropriate site
Select another FACILITY: Enter another site or CBOC if needed
     Select one of the following:
          HA
                    All Outpatient Locations
          HAI
                    All Inpatient Locations
          HS
                    Selected Hospital Locations
          CA
                    All Clinic Stops(with encounters)
                    Selected Clinic Stops
          CS
          GS
                    Selected Clinic Groups
Determine encounter counts for: HS// HS
LOCATION: TEST BLUE PACT Enter the clinic location
Select another LOCATION: Enter another clinic location if needed
     Select one of the following:
                    Previous Encounters
                    Future Appointments
PREVIOUS ENCOUNTERS OR FUTURE APPOINTMENTS: P// Future Appointments
Enter APPOINTMENT BEGINNING DATE AND TIME: 1.11.20 Enter tomorrow's date
Enter APPOINTMENT ENDING DATE AND TIME: 2.11.20 Enter date 1 month from
tomorrow
Enter EFFECTIVE DUE DATE: Jan 10, 2020// <enter>
Select SERVICE CATEGORIES: A,I// <enter>
     Select one of the following:
          D
                   Detailed
```

S Summary

TYPE OF REPORT: S// Detailed

Display All Future Appointments: NO

Sort by Next Appointment date: NO

Print full SSN: NO

Print locations with no patients? YES// NO

Print percentages with the report output? NO//

Select individual REMINDER: VA-CRC AVERAGE RISK Enter name of the average risk reminder used on the cover sheet. Your site may have copied the national version into a local version.

Create a new report template: N// YES

STORE REPORT LOGIC IN TEMPLATE NAME: CRC Average Risk

Are you adding 'CRC Average Risk' as

a new REMINDER REPORT TEMPLATE (the 1497TH)? No// Yes REMINDER REPORT TEMPLATE REPORT TITLE: CRC Average Risk Changes to template 'CRC Average Risk' have been saved

Print delimited output only: NO

Include deceased patients on the list? NO

Include test patients on the list? NO

Save due patients to a patient list: NO

DEVICE: HOME// HOME(CRT)

The report output is below. You may need to select enter once to see the patient list.

Clinical Reminders Due Report (User) - Detailed Report

Report Title: CRC Average Risk

Patient Sample: Location

Location: TEST BLUE PACT

Reminder: VA-CRC AVERAGE RISK
Appointments: Next Appointment only
Date Range: 1.11.20 - 2.11.20

Effective Due Date: 1/11/20

Date run: 1/10/2020 9:32:25 am Template Name: CRC Average Risk

Requested by: Wilson, Marshawn Largent

Combined report: Combined Locations

Service categories: A,I

A - AMBULATORY

Clinical Reminders Due Report - Detailed Report

Facility: TEST VAMC

Reminders due 1/10/2020 - COMBINED LOCATIONS for 1.11.20 - 2.11.20

VVC TEST PENDING REPORT: 4 patients have the reminder due

	Date Due	Last Done	Next Appt
1 TEST, CHRIS STEVE (0000)	DUE NOW	N/A	None
2 TESTER, DALE KARL (0000)	DUE NOW	N/A	1/23/2020
3 TEST, JAMES H (0000)	DUE NOW	N/A	1/28/2020
4 TESTMAN, SCOTT ALLEN (0000)	DUE NOW	N/A	1/16/2020

- 2. Save the list of patients who have the average risk reminder due.
- 3. Run reports for the following reminders using the steps listed above. If your site is using a local copy, then the reminder names will be different. Ensure to save the patient list for each report and name the report to match the national reminder used to generate the list.
 - a. VA-CRC GAP REMINDER
 - b. VA-CRC FOLLOW UP COLONOSCOPY
 - c. VA-CRC DIAGNOSTIC COLONOSCOPY
- 4. Complete installation and post-install steps
- 5. Run the reminder due reports again using the same timeframe and clinics as steps 1-3 (below is the example for the average risk reminder). Navigate to the reminder managers menu.

Select Reminder Reports Option:

```
CF
       Reminder Computed Finding Management ...
       Reminder Definition Management ...
RM
       Reminder Sponsor Management ...
SM
       Reminder Taxonomy Management
MXT
       Reminder Term Management ...
TRM
       Reminder Location List Management ...
LM
RX
       Reminder Exchange
RT
       Reminder Test
       Other Supporting Menus ...
0S
       Reminder Information Only Menu ...
INFO
DM
       Reminder Dialog Management ...
CP
       CPRS Reminder Configuration ...
RP
       Reminder Reports ...
       Reminders MST Synchronization Management ...
MST
       Reminder Patient List Menu ...
PL
PAR
       Reminder Parameters ...
٧S
       NLM Value Set Menu
       Reminder Order Check Menu ...
ROC
```

CQM NLM Clinical Quality Measures Menu

XM Reminder Extract Menu ...

GEC GEC Referral Report

Select Reminder Managers Menu Option: Reminder Reports

D Reminders Due Report

DRU Reminders Due Report (User)

DRT User Report Templates

EPT Extract EPI Totals

EPF Extract EPI List by Finding and SSN

EQT Extract QUERI Totals GEC GEC Referral Report

REV Review Date Report

FUR Finding Usage Report

HT HT Previous Enrollment Health Factor Search

Select Reminder Reports Option: Reminders Due Report

Select an existing REPORT TEMPLATE or return to continue: CRC AVERAGE RISK Enter name of report saved.

Report Title: CRC AVERAGE RISK Report Type: Detailed Report

Patient Sample: Location Facility: TEST VAMC

Location: Selected Hospital Locations (Future

Appoints.)

TEST BLUE PACT

Print Locations without Patients:NO Print percentages with the output:NO

Reminder: 1 VA-CRC AVERAGE RISK

Template Name: CRC AVERAGE RISK
Date last run: JAN 10, 2020@09:19:11
Owner: FAHNER,WILLIAM J RN

WANT TO EDIT 'CRC AVERAGE RISK' TEMPLATE: NO

Enter APPOINTMENT BEGINNING DATE AND TIME: 1.11.20 Use same timeframe as

reports before installation

Enter APPOINTMENT ENDING DATE AND TIME: 2.11.20

Enter EFFECTIVE DUE DATE: Jan 10, 2020// <enter>

Display All Future Appointments: NO

Sort by Next Appointment date: NO

Print full SSN: NO

Print delimited output only: NO

Include deceased patients on the list? NO

Include test patients on the list? NO

Save due patients to a patient list: NO

DEVICE: HOME//

Clinical Reminders Due Report - Detailed Report

Facility: TEST VAMC

Reminders due 1/10/2020 - COMBINED LOCATIONS for 1.11.20 - 2.11.20

VVC TEST PENDING REPORT: 4 patients have the reminder due

	Date Due	Last Done	Next Appt
1 TEST,CHRIS STEVE (0000)	DUE NOW	N/A	None
2 TESTER,DALE KARL (0000)	DUE NOW	N/A	1/23/2020
3 TEST, JAMES H (0000)	DUE NOW	N/A	1/28/2020
4 TESTMAN, SCOTT ALLEN (0000)	DUE NOW	N/A	1/16/2020

- 6. Run reports for the following reminders using the steps listed above. If your site is using a local copy, then the reminder names will be different. Ensure to save the patient list for each report and name the report to match the national reminder used to generate the list.
 - a. VA-CRC GAP REMINDER
 - b. VA-CRC FOLLOW UP COLONOSCOPY
 - c. VA-CRC DIAGNOSTIC COLONOSCOPY
- 7. Compare the two lists of patients for each reminder. Review patients who are on one list and not on the other to help troubleshoot locally mapped items that may be missing from the reminder.