



Update_2_0_42

Clinical Reminders

VA-TELERETINAL DIALOGS

INSTALLATION and SETUP GUIDE

March 2018

Product Development
Department of Veterans Affairs

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Introduction

The purpose of the Diabetic Teleretinal Imaging program is to ensure optimized eye care for diabetic patients that need retinal examinations in the Veteran's health care system. The Teleretinal imaging process migrated from the Joslin Vision Network (JVN) system to using the Computerized Patient Record System (CPRS), Interfacility Consults (IFCs), and VistA Imaging, with an interface to a 3rd-party image acquisition application (TOPCON, Canon, and other **approved** nonmydriatic fundus cameras).

Background

The Veterans Healthcare Administration (VHA) has almost 7 million enrolled veterans (with approximately 5 million active users) for whom it provides health care services at an annual cost of approximately \$27 billion. It is estimated that over 20% of VHA's patient population has diabetes mellitus; therefore diabetes is a major burden of disease for which the VHA provides care. The prevalence of diabetes in the veteran population makes the timely assessment of diabetic retinopathy a major VA health care need. In 2005, VHA began widespread implementation of teleretinal imaging using Telereader and VHA's VistA Imaging platform.

Maintaining and exceeding current rates of screening for diabetic retinopathy is the VHA's rationale for employing the use of teleretinal imaging. Since FY2000, based upon a productive partnership with the Department of Defense (DoD) and the Joslin Vision Network (JVN) in Boston, VHA initially implemented a pilot program at 6 sites. The clinical success of these pilots and other teleretinal imaging programs in VHA concluded that teleretinal imaging may help facilitate retinal screenings in growing diabetic populations such as VHA patients. In the context of a national screening program to detect referable retinopathy, digital retinal imaging has been shown to be an effective method for entering patients into an eye care program on a timely basis. In addition, technical failure rates are lower with digital imaging, and archiving images is more straightforward than conventional photography.

VHA estimated a short-term need for teleretinal imaging to assess 85,000 veterans with diabetes nationally and a long-term level of 170,000 – 200,000 patients annually. Since inception of the program in FY 2005-6, VHA has implemented imaging systems nationwide at more than 600 sites and has screened more than 1million unique patients with the expectation of meeting the need identified above.

The Teleretinal imaging program is coordinated by the VHA Office of Connected Care: Telehealth Services. Their home page is at <http://vaww.telehealth.va.gov/index.asp>

UPDATE_2_0_42 includes two reminder dialog updates. It contains Reminder Exchange entry:
UPDATE_2_0_42 VA-TELERETINOPATHY NOTES

This update will update the following reminder content:

TIU TEMPLATE FIELD

TEXT 20 CHAR (REQ)
BLANK SPACE1
WP FREE TEXT FL55 I3
COMMENT OPTIONAL
VA-TRR DATE 1M
VA-TRR DATE 2M
VA-TRR DATE 9M

VA-TRR DATE 2Y
VA-TRR DATE 1Y
DATE
VA-TRR DATE 6M
VA-TRR DATE 4M
VA-TRR DATE 3M

EDUCATION TOPICS

VA-TRI DIABETIC EYE EDUCATION

EXAM

VA-TRI DM EYE EXAM OTH ASSESS
VA-TRI DM EYE EXAM OPTIC NERVE
VA-TRI DM EYE EXAM MACULA
VA-TRI DM EYE EXAM RETINOPATHY
DIABETIC TELERETINAL EYE EXAM

HEALTH FACTORS

VA-REMINDER UPDATES
VA-UPDATE_2_0_42
VA-TRI CATEGORY-DM EYE EXAM
VA-TRI DM OTH ASSESS UNABLE TO ASSESS
VA-TRI DM OTH ASSESS EXAM ABNORMAL
VA-TRI DM OTH ASSESS EXAM NORMAL
VA-TRI DM OPTIC NRV EXAM UNABLE TO ASSES
VA-TRI DM OPTIC NRV EXAM ABNORMAL
VA-TRI DM OPTIC NRV EXAM NORMAL
VA-TRI DM MACULA EXAM UNABLE TO ASSESS
VA-TRI DM MACULA EXAM ABNORMAL
VA-TRI DM MACULA EXAM NORMAL
VA-TRI DM RETINOP EXAM UNABLE TO ASSESS
VA-TRI DM RETINOP EXAM ABNORMAL
VA-TRI DM RETINOP EXAM NORMAL
VA-TRI DM EYE CONSULT DONE
VA-TRI DM VISUAL ACUITY BOTH
VA-TRI DM VISUAL ACUITY LT
VA-TRI DM VISUAL ACUITY RT
VA-TRI DM IOP LT
VA-TRI DM IOP RT
VA-TRI CATEGORY-DM EDUCATION
VA-TRI DM EYE EDUCATION DONE
VA-TRI DM EYE EXAM SCHEDULED
VA-TRI CATEGORY-DM THERAPY
VA-TRI DM CURRENT THERAPY-NONE
VA-TRI DM CURRENT THERAPY-UNKNOWN
VA-TRI DM CURRENT THERAPY-INSULIN
VA-TRI DM CURRENT THERAPY-ORAL AGENT
VA-TRI DM CURRENT THERAPY-DIET
VA-TRI CATEGORY-DM LAB RESULTS

VA-TRI DM LAB HGBA1C
VA-TRI DM LAB LIPIDS
VA-TRI CATEGORY-DIABETES TYPE
VA-TRI DIABETES TYPE 2 PATIENT
VA-TRI DIABETES TYPE 1 PATIENT
VA-TRI DM EYECARE PREFERENCE-NON VA
VA-TRI DM EYE EXAM FUTURE
VA-TRI CATEGORY-DM COMPLICATIONS
VA-TRI DM HX CURRENTLY PREGNANT
VA-TRI DM HX LOWER EXT AMPUT
VA-TRI DM HX NEPHROPATHY
VA-TRI DM LAST RET EVAL-DIGITAL IMAGING
VA-TRI DM LAST RET EVAL-COMP F-T-F
VA-TRI DM LAST RET EVAL-SELF REPORTED
VA-TRI DM HX HBP/VASC HTN
VA-TRI DM HX LASER THERAPY RETINOPATHY
VA-TRI DM LAST RET EVAL-DATE UNKNOWN
VA-TRI DM LAST RETINAL EVAL
VA-TRI CATEGORY-DM DURATION
VA-TRI DM DURATION-CHART REVIEW
VA-TRI DM DURATION-SELF REPORT
VA-TRI DM DURATION 6 OR MORE YEARS
VA-TRI DM DURATION 1-5 YEARS
VA-TRI DM DURATION < 1 YEAR
VA-TRR CATEGORY-DM RECOMMENDATIONS
VA-TRR DM NOT CANDIDATE FOR SCRIN
VA-TRR CATEGORY-DM EYE EXAM
VA-TRR DM OTH ASSESS UNABLE TO ASSESS
VA-TRR DM OTH ASSESS EXAM ABNORMAL
VA-TRR DM OTH ASSESS EXAM NORMAL
VA-TRR DM OPTIC NERVE EXAM NORMAL
VA-TRR DM OPTIC NERVE EXAM ABNORMAL
VA-TRR DM OPTIC NRV EXAM UNABLE TO ASSES
VA-TRR DM MACULA EXAM UNABLE TO ASSESS
VA-TRR DM MACULA EXAM ABNORMAL
VA-TRR DM MACULA EXAM NORMAL
VA-TRR DM RETINOP EXAM UNABLE TO ASSESS
VA-TRR DM RETINOPATHY EXAM ABNORMAL
VA-TRR DM RETINOPATHY EXAM NORMAL
VA-TRR DM REFER UNABLE TO ASSESS
VA-TRR DM REFER COMP EYE CARE
VA-TRR DM REFER VISUALLY SIGNF CATARACT
VA-TRR DM REFER OTHER EYE DISEASE
VA-TRR DM REFER OPTIC NERVE DISEASE
VA-TRR DM REFER MACULA DISEASE
VA-TRR DM REFER RETINOPATHY
VA-TRR DM REFER OPTOMETRY 1 MONTH
VA-TRR DM REFER OPTOMETRY 2 MONTHS
VA-TRR DM REFER OPTOMETRY 9 MONTHS
VA-TRR DM REFER OPTOMETRY 2 YRS

VA-TRR DM REFER OPTOMETRY 1 YR
VA-TRR DM REFER OPTOMETRY-OTHER FREQ
VA-TRR DM REFER OPTOMETRY 6 MONTHS
VA-TRR DM REFER OPTOMETRY 4 MONTHS
VA-TRR DM REFER OPTOMETRY 3 MONTHS
VA-TRR DM REFER OPTOMETRY ASAP
VA-TRR DM REFER OPHTHALMOLOGY 9 MONTHS
VA-TRR DM REFER OPHTHALMOLOGY 4 MONTHS
VA-TRR DM REFER OPHTHALMOLOGY 1 MONTH
VA-TRR DM REFER OPHTHALMOLOGY 2 YRS
VA-TRR DM REFER OPHTHALMOLOGY 1 YR
VA-TRR DM REFER OPHTHALMOLOGY-OTHER FREQ
VA-TRR DM REFER OPHTHALMOLOGY 6 MONTHS
VA-TRR DM REFER OPHTHALMOLOGY 3 MONTHS
VA-TRR DM REFER OPHTHALMOLOGY 2 MONTHS
VA-TRR DM REFER OPHTHALMOLOGY ASAP
VA-TRR DM REFER OPHTH/OPTOM 2 MONTHS
VA-TRR DM REFER OPHTH/OPTOM 1 MONTH
VA-TRR DM REFER OPHTH/OPTOM 9 MONTHS
VA-TRR DM REFER OPHTH/OPTOM-OTHER FREQ
VA-TRR DM REFER OPHTH/OPTOM 2 YRS
VA-TRR DM REFER OPHTH/OPTOM 1 YR
VA-TRR DM REFER OPHTH/OPTOM 6 MONTHS
VA-TRR DM REFER OPHTH/OPTOM 4 MONTHS
VA-TRR DM REFER OPHTH/OPTOM 3 MONTHS
VA-TRR DM REFER OPHTH/OPTOM ASAP
VA-TRR DM REPEAT IMAGING-RETURN OTH
VA-TRR DM REPEAT IMAGING-RETURN 2 YRS
VA-TRR DM REPEAT IMAGING-RETURN 1 YR
VA-TRR DM REPEAT IMAGING-RET NEXT AVAIL
VA-TRR CATEGORY-DM EXAM FINDINGS RT EYE
VA-TRR DM FINDING ON INADQ ASSESS RT
VA-TRR DM FIND OTH ASSESS-OTH FIND RT
VA-TRR DM FIND OTH ASSESS-CHOR NEVUS RT
VA-TRR DM FIND OTH ASSESS-OTH AB FIND RT
VA-TRR DM FIND OTH ASSESS-HTN RTNOPY RT
VA-TRR DM FIND OTH ASSESS-OCCLUSION RT
VA-TRR DM FIND OTH ASSESS-RET EMBOLUS RT
VA-TRR DM FIND OTH ASSESS-CATARACT RT
VA-TRR DM FIND OTH ASSESS-NO ABN FIND RT
VA-TRR DM2 FINDING DR OTHER RT
VA-TRR DM2 FINDING DR NO RETINOPATHY RT
VA-TRR DM2 FINDING DR INADQ ASSESS RT
VA-TRR DM2 FIND DR PREV RET LASER TX RT
VA-TRR DM2 FINDING DR PDR MAC EDEMA RT
VA-TRR DM2 FIND DR PDR MAC NO EDEMA RT
VA-TRR DM2 FINDING DR SEV MAC EDEMA RT
VA-TRR DM2 FIND DR SEV MAC NO EDEMA RT
VA-TRR DM2 FINDING DR MOD MAC EDEMA RT
VA-TRR DM2 FIND DR MOD MAC NO EDEMA RT

VA-TRR DM2 FIND DR MLD MAC NO EDEMA RT
VA-TRR DM2 FINDING DR MLD MAC EDEMA RT
VA-TRR DM FINDING ON ELEVATED IOP RT
VA-TRR DM FINDING ON OTHER RT
VA-TRR DM FINDING ON DISC HEMORRHAGE RT
VA-TRR DM FINDING ON RIM THIN/NOTCH RT
VA-TRR DM FINDING ON LG CUP/DISC RT
VA-TRR DM FINDING ON CUP-DISC ASYM RT
VA-TRR DM FINDING ON NO APP ABN RT
VA-TRR DM FIND MACULA INADEQ ASSESS RT
VA-TRR DM FINDING MACULA OTHER RT
VA-TRR DM FIND MAC NEOVASC MACULOPHTY RT
VA-TRR DM FINDING MAC GEOG ATROPHY RT
VA-TRR DM FINDING MAC PUCKERING RT
VA-TRR DM FINDING MAC DRUSEN-LG RT
VA-TRR DM FINDING MAC DRUSEN-SMALL RT
VA-TRR DM FINDING MAC NO APPARENT ABN RT
VA-TRR CATEGORY-DM EXAM FINDINGS LT EYE
VA-TRR DM1 FINDING DR INADQ ASSESS LT
VA-TRR DM FIND OTH ASSESS-OTH FIND LT
VA-TRR DM FIND OTH ASSESS-CHOR NEVUS LT
VA-TRR DM FIND OTH ASSESS-OTH AB FIND LT
VA-TRR DM FIND OTH ASSESS-HTN RTNOPY LT
VA-TRR DM FIND OTH ASSESS-OCCLUSION LT
VA-TRR DM FIND OTH ASSESS-RET EMBOLUS LT
VA-TRR DM FIND OTH ASSESS-CATARACT LT
VA-TRR DM FIND OTH ASSESS-NO ABN FIND LT
VA-TRR DM2 FINDING DR INADQ ASSESS LT
VA-TRR DM2 FINDING DR OTHER LT
VA-TRR DM2 FINDING DR NO RETINOPATHY LT
VA-TRR DM2 FIND DR PREV RET LASER TX LT
VA-TRR DM2 FINDING DR PDR MAC EDEMA LT
VA-TRR DM2 FIND DR PDR MAC NO EDEMA LT
VA-TRR DM2 FINDING DR SEV MAC EDEMA LT
VA-TRR DM2 FIND DR SEV MAC NO EDEMA LT
VA-TRR DM2 FINDING DR MOD MAC EDEMA LT
VA-TRR DM2 FIND DR MOD MAC NO EDEMA LT
VA-TRR DM2 FIND DR MLD MAC NO EDEMA LT
VA-TRR DM2 FINDING DR MLD MAC EDEMA LT
VA-TRR DM FINDING ON OTHER LT
VA-TRR DM FINDING ON DISC HEMORRHAGE LT
VA-TRR DM FINDING ON ELEVATED IOP LT
VA-TRR DM FINDING ON RIM THIN/NOTCH LT
VA-TRR DM FINDING ON LG CUP/DISC LT
VA-TRR DM FINDING ON CUP-DISC ASYM LT
VA-TRR DM FINDING ON NO APP ABN LT
VA-TRR DM FINDING ON INADQ ASSESS LT
VA-TRR DM FINDING MACULA OTHER LT
VA-TRR DM FIND MAC NEOVASC MACULOPHTY LT
VA-TRR DM FINDING MAC GEOG ATROPHY LT

VA-TRR DM FINDING MAC PUCKERING LT
 VA-TRR DM FINDING MAC DRUSEN-LG LT
 VA-TRR DM FINDING MAC DRUSEN-SMALL LT
 VA-TRR DM FINDING MAC NO APPARENT ABN LT
 VA-TRR DM FIND MACULA INADEQ ASSESS LT
 VA-TRR DM1 FINDING DR OTHER LT
 VA-TRR DM1 FINDING DR NO RETINOPATHY LT
 VA-TRR DM1 FIND DR PREV RET LASER TX LT
 VA-TRR DM1 FINDING DR PDR MAC EDEMA LT
 VA-TRR DM1 FIND DR PDR MAC NO EDEMA LT
 VA-TRR DM1 FINDING DR SEV MAC EDEMA LT
 VA-TRR DM1 FIND DR SEV MAC NO EDEMA LT
 VA-TRR DM1 FINDING DR MOD MAC EDEMA LT
 VA-TRR DM1 FIND DR MOD MAC NO EDEMA LT
 VA-TRR DM1 FIND DR MLD MAC NO EDEMA LT
 VA-TRR DM1 FINDING DR MLD MAC EDEMA LT
 VA-TRR DM1 FINDING DR OTHER RT
 VA-TRR DM1 FINDING DR NO RETINOPATHY RT
 VA-TRR DM1 FINDING DR INADQ ASSESS RT
 VA-TRR DM1 FIND DR PREV RET LASER TX RT
 VA-TRR DM1 FINDING DR PDR MAC EDEMA RT
 VA-TRR DM1 FIND DR PDR MAC NO EDEMA RT
 VA-TRR DM1 FINDING DR SEV MAC EDEMA RT
 VA-TRR DM1 FIND DR SEV MAC NO EDEMA RT
 VA-TRR DM1 FINDING DR MOD MAC EDEMA RT
 VA-TRR DM1 FIND DR MOD MAC NO EDEMA RT
 VA-TRR DM1 FIND DR MLD MAC NO EDEMA RT
 VA-TRR DM1 FINDING DR MLD MAC EDEMA RT
 VA-TRR CATEGORY-DM IMAGE QUALITY
 VA-TRR DM IMAGE QUAL INADQ-PT POSITION
 VA-TRR DM IMAGE QUAL INADQ-OTHER REASON
 VA-TRR DM IMAGE QUAL INADQ-MEDIA
 VA-TRR DM IMAGE QUAL INADQ-PUPIL SIZE
 VA-TRR DM IMAGE QUAL INADQ-FIELD MISSING
 VA-TRR DM IMAGE QUAL INADQ-BLURRED IMAGE
 VA-TRR DM IMAGE QUAL INADEQUATE
 VA-TRR DM IMAGE QUAL ADEQUATE

REMINDER SPONSOR

Office of Telehealth Services Store and Forward Telehealth
 Office of Patient Care Services

REMINDER TAXONOMY

VA-TRI IMAGER CPT CODES
 VA-TRI IMAGER COMP EYE EXAM
 VA-TRI DM2 NO RETINOPATHY NO MACULAR EDEMA
 VA-TRI DM1 NO RETINOPATHY NO MACULAR EDEMA
 VA-DIABETES
 TRI EX DM RETINOPATHY U/A
 TRI EX DM RETINOPATHY ABN

VA-TRI DM1/DM2 NO RETINOPATHY NO MACULAR EDEMA R/L
VA-TRI CHOROIDAL NEVUS R
VA-TRI HYPERTENSIVE RETINOPATHY R
VA-TRI BRANCH RETINAL VEIN OCCLUSION
VA-TRI RETINAL EMBOLUS BRANCH RETINAL ARTERY OCCLUSION R
VA-TRI CATARACT VISUAL SIGNIFICANCE SUSPECTED R/L
VA-TRI DM2 PROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI DM2 PROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM2 SEVERE NONPROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI DM2 SEVERE NONPROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM2 MOD NONPROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI DM2 MOD NONPROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM2 MILD NONPROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM2 MILD NONPROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI ELEVATED IOP R
VA-TRI DISC HEMORRHAGE R
VA-TRI GLAUCOMA SUSPECT R
VA-TRI EVIDENCE OF NEOVASCULAR MACULOPATY ADV EXUDATIVE AMD R
VA-TRI GEOGRAPHIC ATROPHY INVOLVING FOVEA ADV AMD R
VA-TRI MACULAR PUCKER R
VA-TRI INT DRUSEN DRUSE ATROPHY NO FOVEA INT NONEXUDATIVE AMD R
VA-TRI SMALL INT DRUSEN EARLY NONEXUDATIVE AMD R
VA-TRI CHOROIDAL NEVUS L
VA-TRI HYPERTENSIVE RETINOPATHY L
VA-TRI RETINAL EMBOLUS BRANCH RETINAL ARTERY OCCLUSION L
VA-TRI DM2 PROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM2 PROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM2 SEVERE NONPROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM2 SEVERE NONPROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM2 MOD NONPROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM2 MOD NONPROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM2 MILD NONPROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM2 MILD NONPROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DISC HEMORRHAGE L
VA-TRI ELEVATED IOP L
VA-TRI GLAUCOMA SUSPECT L
VA-TRI EVIDENCE OF NEOVASCULAR MACULOPATY ADV EXUDATIVE AMD L
VA-TRI GEOGRAPHIC ATROPHY INVOLVING FOVEA ADV AMD L
VA-TRI MACULAR PUCKER L
VA-TRI INT DRUSEN DRUSE ATROPHY NO FOVEA INT NONEXUDATIVE AMD L
VA-TRI SMALL INT DRUSEN EARLY NONEXUDATIVE AMD L
VA-TRI DM1 PROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM1 PROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM1 SEVERE NONPROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM1 SEVERE NONPROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM1 MOD NONPROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM1 MOD NONPROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM1 MILD NONPROLIF RETINOPATHY NO MACULAR EDEMA L
VA-TRI DM1 MILD NONPROLIF RETINOPATHY PROB MACULAR EDEMA L
VA-TRI DM1 PROLIF RETINOPATHY PROB MACULAR EDEMA R

VA-TRI DM1 PROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM1 SEVERE NONPROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI DM1 SEVERE NONPROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM1 MOD NONPROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI DM1 MOD NONPROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM1 MILD NONPROLIF RETINOPATHY NO MACULAR EDEMA R
VA-TRI DM1 MILD NONPROLIF RETINOPATHY PROB MACULAR EDEMA R
VA-TRI READER IMAGES INADEQUATE
VA-TRI READER IMAGES ADEQUATE

REMINDER TERM

VA-REMINDER UPDATE_2_0_42

REMINDER DEFINITION

VA-DIABETES OBJECT

REMINDER DIALOG

VA-TELERETINOPATHY READER NOTE

VA-TELERETINOPATHY IMAGER NOTE

HEALTH SUMMARY TYPE

VA-DIABETES OBJECT

TRI HGBA1C

TRI LIPID PROFILE

HEALTH SUMMARY OBJECTS

VA-DIABETES OBJECT (TIU)

TRI HGBA1C (TIU)

TRI LIPID PROFILE (TIU)

TIU DOCUMENT DEFINITIONS

VA-DIABETES OBJECT

TRI HGBA1C

TRI LIPID PROFILE

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_42.PRD

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

Installation:

=====

This update can be loaded with users on the system. Installation will take less than 15 minutes. Please allow time for the post install setup and configuration which may add additional time to the installation process depending on what you currently have configured.

Install Example

To Load the Web Host File. Navigate to Reminder exchange in Vista

```
+      + Next Screen  - Prev Screen  ?? More Actions  >>>
CFE  Create Exchange File Entry      LHF  Load Host File
CHF  Create Host File                 LMM  Load MailMan Message
CMM  Create MailMan Message           LR   List Reminder Definitions
DFE  Delete Exchange File Entry       LWH  Load Web Host File
IFE  Install Exchange File Entry      RI   Reminder Definition Inquiry
IH   Installation History
Select Action: Next Screen// LWH  Load Web Host File
Input the URL for the .prd file: http://vista.med.va.gov/reminders/UPDATE_2_0_42.PRD
```

At the **Select Action:** prompt, enter **LWH** for Load Web Host File

At the **Input the url for the .prd file:** prompt, type or copy and paste the following web address:

http://vista.med.va.gov/reminders/UPDATE_2_0_42.PRD

```
http://vista.med.va.gov/reminders/UPDATE_2_0_42.PRD successfully loaded.
```

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

Search and locate the entry that begins with UPDATE_2_0_42 in reminder exchange.

```

+Item  Entry                               Source                               Date Packed
345    UPDATE_2_0_42 VA-TELERETINOPAT    GRIFFITH@SALT LAKE CI             03/30/2018@06:30
      HY NOTES
346    UPDATE_2_0_5 MISC UPDATE 1        GRIFFITH@SALT LAKE CI             05/03/2016@09:42
347    UPDATE_2_0_6 VA-TERATOGENIC        SILVERMAN@SALT LAKE CI            10/09/2015@07:09
      MEDICATIONS ORDER CHECKS
      (UPDATE #3)
348    UPDATE_2_0_7                       MONTGOMERY@SALT LAKE CI           10/06/2015@11:24
349    UPDATE_2_0_8 MH UPDATES            MONTGOMERY@SALT LAKE CI           11/16/2016@07:38
350    UPDATE_2_0_8 MH UPDATES            MONTGOMERY@SALT LAKE CI           11/30/2016@15:19
351    UPDATE_2_0_8 MH UPDATES            MONTGOMERY@SALT LAKE CI           12/20/2016@13:12
+      + Next Screen  - Prev Screen  ?? More Actions  >>>
CFE   Create Exchange File Entry        IH   Installation History
CHF   Create Host File                   LHF  Load Host File
CMM   Create MailMan Message            LMM  Load MailMan Message
DFE   Delete Exchange File Entry        LWH  Load Web Host File
IFE   Install Exchange File Entry       RI   Reminder Definition Inquiry
Select Action: Next Screen// IFE   Install Exchange File Entry
Enter a list or range of numbers (1-529): 345

```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
 Enter the number that corresponds with your entries titled **UPDATE_2_0_42 VA-TELERETINOPATHY NOTES** (in this example it is entry 345, it will vary by site).

```

Component                               Category  Exists
Source:  GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 03/30/2018@06:30:39
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-TELERETINOPATHY READER NOTE
  VA-TELERETINOPATHY IMAGER NOTE

REMINDER TERM
  VA-REMINDER UPDATE_2_0_42
Non-exchangeable TIU object(s):
-----
TIU Object: PATIENT SEX
Object Method: S X=$SEX^TIULO(DFN)
+      Enter ?? for more actions  >>>
IA   Install all Components          IS   Install Selected Component
Select Action: Next Screen// IA

```

At the **Select Action** prompt, type **IA** for Install All Component and hit enter.

During the install, you will see multiple prompts. Please follow the guidance below.

1. If a reminder component does not exist, use the **INSTALL** action
2. If a reminder component exists but is different, choose the **Overwrite** action.

There are two reminder dialogs included in this update, you will be prompted two different times to install the dialog components

```
Packed reminder dialog: VA-TELERETINOPATHY IMAGER NOTE [NATIONAL DIALOG]
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-TELERETINOPATHY IMAGER NOTE	dialog	
2	5	VA-GP TRI DM IMAGER CONSULT RESULT Finding: *NONE*	group	
3	5.5	VA-GP TRI DM IMAGING INITIAL CONSULT NOTE Finding: *NONE*	group	
4	5.5.5	VA-GP TRI DM IMAGER'S CONSULT INITIAL RESULT Finding: *NONE*	group	
5	5.5.5.5	VA-TXT TRI DM IMAGING DEMOGRAPHICS Finding: *NONE*	element	
6	5.5.5.10	VA-GP TRI DM IMAGING PT HX Finding: *NONE*	group	
7	5.5.5.10.5	VA-GP TRI DM DIABETES DURATION Finding: *NONE*	group	
8	5.5.5.10.5.5	VA-GP TRI DM IMAGING DIABETES DURATION	group	
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details	DT	Dialog Text	IS Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU Quit
DS	Dialog Summary	IA	Install All	
Select Action: Next Screen// IA				

At the **Select Action** prompt, type **IA** to install the dialog – **VA-TELERETINOPATHY IMAGER NOTE**

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

```
Packed reminder dialog: VA-TELERETINOPATHY IMAGER NOTE [NATIONAL DIALOG]
VA-TELERETINOPATHY IMAGER NOTE (reminder dialog) installed from exchange file.
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-TELERETINOPATHY IMAGER NOTE	dialog	X
2	5	VA-GP TRI DM IMAGER CONSULT RESULT Finding: *NONE*	group	X
3	5.5	VA-GP TRI DM IMAGING INITIAL CONSULT NOTE Finding: *NONE*	group	X
4	5.5.5	VA-GP TRI DM IMAGER'S CONSULT INITIAL RESULT Finding: *NONE*	group	X
5	5.5.5.5	VA-TXT TRI DM IMAGING DEMOGRAPHICS Finding: *NONE*	element	X
6	5.5.5.10	VA-GP TRI DM IMAGING PT HX Finding: *NONE*	group	X
7	5.5.5.10.5	VA-GP TRI DM DIABETES DURATION Finding: *NONE*	group	X
8	5.5.5.10.5.5	VA-GP TRI DM IMAGING DIABETES DURATION	group	X
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details	DT	Dialog Text	IS Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU Quit
DS	Dialog Summary	IA	Install All	
Select Action: Next Screen// Q				

After completing this dialog install, you will type Q to move to the next dialog to install

```
Packed reminder dialog: VA-TELERETINOPATHY READER NOTE [NATIONAL DIALOG]
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-TELERETINOPATHY READER NOTE	dialog	
2	5	VA-GP TRR DM PUPIL DILATION Finding: *NONE*	group	
3	5.5	VA-HF TRR DM EYE EXAM PUPIL NOT DILATED Finding: VA-TRR DM EXAM PUPIL NOT DILATED (HEALTH FACTOR)	element	X
4	5.10	VA-HF TRR DM EYE EXAM PUPIL DILATED Finding: VA-TRR DM EXAM PUPIL DILATED (HEALTH FACTOR)	element	X
5	5.15	VA-HF TRR DM EYE EXAM PUPIL DILATION NOT SPECIFIED Finding: VA-TRR DM EXAM PUPIL DILAT NOT SPEC (HEALTH FACTOR)	element	X
6	6	VA-TXT TRR LINE SPACER Finding: *NONE*	element	

```
+      + Next Screen  - Prev Screen  ?? More Actions
DD  Dialog Details      DT  Dialog Text      IS  Install Selected
DF  Dialog Findings    DU  Dialog Usage     QU  Quit
DS  Dialog Summary     IA  Install All
Select Action: Next Screen// IA
```

At the **Select Action** prompt, type **IA** to install the dialog **VA-TELERETINOPATHY READER NOTE**. Select Action: Next Screen// IA Install All
 All dialog components for VA-TELERETINOPATHY READER NOTE are new.
 Install reminder dialog and all components with no further changes: Y// ES

```
Packed reminder dialog: VA-TELERETINOPATHY READER NOTE [NATIONAL DIALOG]
VA-TELERETINOPATHY READER NOTE (reminder dialog) installed from exchange file.
```

Item	Seq.	Dialog Findings	Type	Exists
1		VA-TELERETINOPATHY READER NOTE	dialog	X
2	5	VA-GP TRR DM PUPIL DILATION Finding: *NONE*	group	X
3	5.5	VA-HF TRR DM EYE EXAM PUPIL NOT DILATED Finding: VA-TRR DM EXAM PUPIL NOT DILATED (HEALTH FACTOR)	element	X
4	5.10	VA-HF TRR DM EYE EXAM PUPIL DILATED Finding: VA-TRR DM EXAM PUPIL DILATED (HEALTH FACTOR)	element	X
5	5.15	VA-HF TRR DM EYE EXAM PUPIL DILATION NOT SPECIFIED Finding: VA-TRR DM EXAM PUPIL DILAT NOT SPEC (HEALTH FACTOR)	element	X
6	6	VA-TXT TRR LINE SPACER Finding: *NONE*	element	X

```
+      + Next Screen  - Prev Screen  ?? More Actions
DD  Dialog Details      DT  Dialog Text      IS  Install Selected
DF  Dialog Findings    DU  Dialog Usage     QU  Quit
DS  Dialog Summary     IA  Install All
Select Action: Next Screen// Q
```

After completing this dialog install, you will type Q and be prompted for the items below.

HEALTH SUMMARY TYPE entry VA-DIABETES OBJECT is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

If the health summary types below are already in your system and you get the message that the component already exists but is different, you can Choose SKIP at the prompts below.

HEALTH SUMMARY TYPE entry TRI HGBA1C is NEW,

what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH SUMMARY TYPE entry TRI LIPID PROFILE is NEW,

what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH SUMMARY OBJECTS entry VA-DIABETES OBJECT (TIU) is NEW,

what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH SUMMARY OBJECTS entry TRI HGBA1C (TIU) is NEW,

what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH SUMMARY OBJECTS entry TRI LIPID PROFILE (TIU) is NEW,

what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name

- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

TIU DOCUMENT DEFINITION entry VA-DIABETES OBJECT is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

TIU DOCUMENT DEFINITION entry TRI HGBA1C is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

TIU DOCUMENT DEFINITION entry TRI LIPID PROFILE is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

```

Component                                     Category   Exists
Source:      GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 03/30/2018@06:30:39
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-TELERETINOPATHY READER NOTE
  VA-TELERETINOPATHY IMAGER NOTE

REMINDER TERM
  VA-REMINDER UPDATE_2_0_42
Non-exchangeable TIU object(s):
-----
TIU Object: PATIENT SEX
Object Method: S X=$$SEX^TIULO(DFN)
+ Enter ?? for more actions >>>
IA  Install all Components          IS  Install Selected Component
Select Action: Next Screen// Q

```

After all the dialogs and components have been installed, you will then be returned to this screen. At the **Select Action** prompt, type **Q**

Post-Install Set-up Instructions

1. Make the new Dialogs able to be attached to a Personal or Shared template or to be able to attach the dialogs 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 numbers 150 and 151 are not present, so I will use 150 and 151.*

Select Display Sequence: **150**

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

Display Sequence: 150// **<Enter>** 150

Clinical Reminder Dialog: **VA-TELERETINOPATHY IMAGER NOTE**

OK? Yes// **<Enter>** (Yes)

Select Display Sequence: **151**

Are you adding 151 as a new Display Sequence? Yes// **Y YES**

Display Sequence: 151// **<Enter>** 150

Clinical Reminder Dialog: **VA-TELERETINOPATHY READER NOTE**

OK? Yes// **<Enter>** (Yes)

2. Setup of Note Title

Post installation, verify that you have a local note title for staff to use when completing the consults, the names should be similar to what these:

Diabetic Retinopathy Surveillance Consult Note

Diabetic Teleretinal Imaging Consult Report

Sites SHOULD have these note titles or similar note titles already created and in use, check with your staff that performs the imaging and reading if you are not sure what note titles your facility uses. If not found you will need to create them following your local naming conventions.

You will need to add the new note title to your consult TIU document class. Map the progress note to the VHA Enterprise Standard Title CONSULT.

Comprehensive information on Creating Document Definitions can be found beginning on page 47 of the [TIU/ASU Implementation Guide](#)

3. Associate the reminder dialogs with the note title in CPRS.

To do this, go to Template Editor, then Document Titles, select the appropriate folder (if applicable), and choose New Template (top right-hand corner). *If you have a template already associated with your consult reply note, you will need to delete the associated title on that entry before completing this step.*

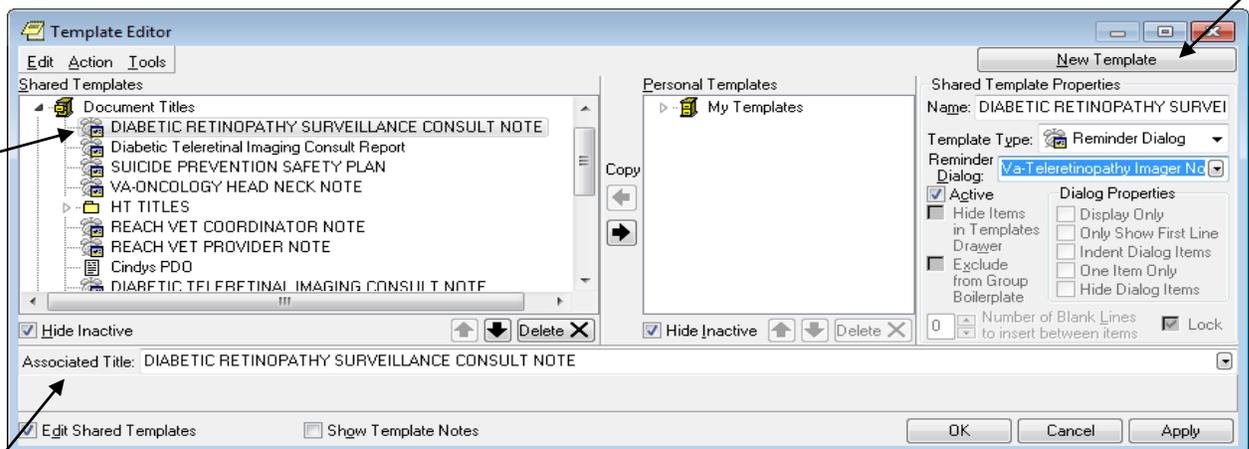
1. Type in the following information:

Name: *Diabetic Retinopathy Surveillance Consult Note*

Template Type: Reminder Dialog

Reminder Dialog: VA-TELERETINOPATHY IMAGER NOTE

Associated Title: *Diabetic Retinopathy Surveillance Consult Note* **or your local note title**



Next, type in the Associated Title, which in this case is *Diabetic Retinopathy Surveillance Consult Note* (or your local note) and hit Apply

Repeat for the Imager note:

2. Choose New Template

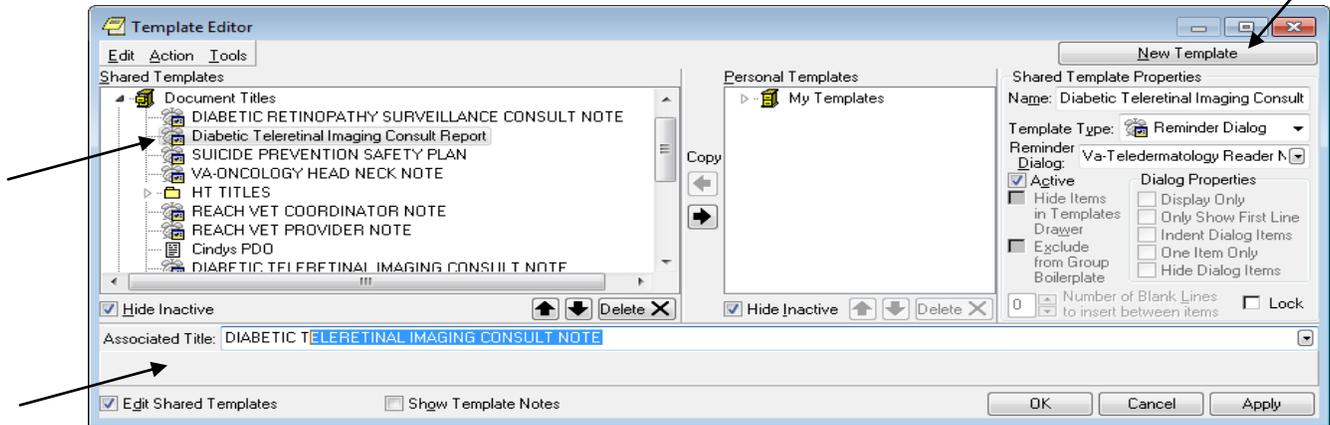
Type in the following information:

Name: **Diabetic Teleretinal Imaging Consult Report**

Template Type: Reminder Dialog

Reminder Dialog: VA-TELERETINOPATHY READER NOTE

Associated Title: **Diabetic Teleretinal Imaging Consult Report** **or your local note title**



4. Update Health Summary Type to include your local lab tests

- a. The **TRI HGBA1C** Health Summary Type should already exist, you will need to update the health summary type to include your local hemoglobin A1C lab tests:

From the Health Summary Coordinator's Menu:

Print Health Summary Menu ...

- 1 Build Health Summary Type Menu ...
- 3 Set-up Batch Print Locations
- 4 List Batch Health Summary Locations
- 5 CPRS Reports Tab 'Health Summary Types List' Menu ...

Select Health Summary Coordinator's Menu Option: **2 Build Health Summary Type Menu**

1. Create/Modify Health Summary Type

2. Delete Health Summary Type

3. Health Summary Objects Menu...

4. Information Menu...

5. Print Health Summary Menu...

Select Build Health Summary Type Menu <TEST ACCOUNT> Option: **1**

Create/Modify Health Summary Type

Select Health Summary Type: **TRI HGBA1C**

OK? YES// <Enter> **YES**

WARNING: You are about to edit a Health Summary Type that is being used by a Health Summary Object. Changing the structure of this Health Summary

Type will alter how the Object will display.

Do want to continue? NO// **YES**

NAME: TRI HGBA1C//<Enter>

TITLE: TRI HGBA1C//

SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: yes//<Enter>

SUPPRESS SENSITIVE PRINT DATA: NO SSN// <Enter>

Do you wish to review the Summary Type structure before continuing? **NO// YES**

Select COMPONENT: **SLT LAB TEST SELECTED**

LAB TESTS SELECTED is already a component of this summary.

Select one of the following:

E Edit component parameters

D Delete component from summary

Select Action: **Edit component parameters**

SUMMARY ORDER: 5// 5 <Enter>

OCCURRENCE LIMIT: <Enter>

TIME LIMIT: 1Y// <Enter>

HEADER NAME: Lab Tests Selected // <Enter>

Confirm that the current selections represent your local lab tests for HGB AC. Add entries if needed. **If you are unsure what lab tests should be included, please contact your local Lab Ad Pac.**

Do you wish to review the Summary Type structure before continuing? NO// <Enter>

Please hold on while I resequence the summary order.

- b. The TRI LIPID PROFILE Health Summary Type should already exist, you will need to update the health summary type to include your local hemoglobin A1C lab tests:
From the Health Summary Coordinator's Menu:

Print Health Summary Menu ...

2 Build Health Summary Type Menu ...

3 Set-up Batch Print Locations

6 List Batch Health Summary Locations

7 CPRS Reports Tab 'Health Summary Types List' Menu ...

Select Health Summary Coordinator's Menu Option: **2 Build Health Summary Type**
Menu

6. Create/Modify Health Summary Type

7. Delete Health Summary Type

8. Health Summary Objects Menu...

9. Information Menu...

10. Print Health Summary Menu...

Select Build Health Summary Type Menu <TEST ACCOUNT> Option: **1**

Create/Modify Health Summary Type

Select Health Summary Type: **TRI LIPID PROFILE**

OK? YES// <Enter> **YES**

WARNING: You are about to edit a Health Summary Type that is being used

by a Health Summary Object. Changing the structure of this Health Summary Type will alter how the Object will display.

Do you want to continue? NO// **YES**

NAME: TRI LIPID PROFILE//<Enter>

TITLE: TRI LIPID PROFILE//<Enter>

SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: yes//<Enter>

SUPPRESS SENSITIVE PRINT DATA: NO SSN// <Enter>

Do you wish to review the Summary Type structure before continuing? **NO// YES**

Select COMPONENT: **S**LT LAB TEST SELECTED

LAB TESTS SELECTED is already a component of this summary.

Select one of the following:

E Edit component parameters

D Delete component from summary

Select Action: **E**dit component parameters

SUMMARY ORDER: 5// 5 <Enter>

OCCURRENCE LIMIT: 1//<Enter>

TIME LIMIT: 2Y// <Enter>

HEADER NAME: Lab Tests Selected // <Enter>

Confirm that the current selections represent your local lab tests included in a lipid panel. Add entries if needed. **If you are unsure what lab tests should be included, please contact your local Lab Ad Pac.**

Do you wish to review the Summary Type structure before continuing? NO// <Enter>

Please hold on while I resequence the summary order

NOTE: If you require further technical assistance, please notify your local IT support to log a national help desk ticket or contact the VA Service Desk at 855-673-4357 and have them submit a national ticket to:

Category [Enterprise Applications](#)

Subcategory: [Applications](#)

Enterprise Application: [VistA - Clinical Reminders](#)