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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 1 million 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 ASSESS
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 NEPHROTOMY              |
| 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 SCRN     |
| 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 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-OCCCLUSION 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 MACULOPTHY 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-OCCCLUSION 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 MACULOPTHY 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 PROB MACULAR EDEMA R
VA-TRI DM1 MILD NONPROLIF RETINOPATHY NO 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

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

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.
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)*.

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**
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**

---

After completing this dialog install, you will type **Q** to move to the next dialog to install
At the **Select Action** prompt, type **IA** to install the dialog **VA-TELERETINOPATHY READER NOTE**  
**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

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

Enter response: I// Install

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// Install

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// Install

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// Install

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]
2. Service SRV [choose from SERVICE/SECTION]
3. Division DIV [choose from INSTITUTION]
4. 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.

   I. 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:
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 wish to review the Summary Type structure before continuing? 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: 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: 1/1 <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