Update _2_0_15

Clinical Reminders

VA-LIPID STATIN RX CVD/DM Reminder Updates

Install Guide

March 2019

Product Development
Office of Information Technology
Department of Veterans Affairs

Table of Contents

Introduction

The VA-LIPID STATIN FOR CVD/DM clinical reminder and associated dialog are being updated to align with current Healthcare Effectiveness Data and Information Set (HEDIS) performance measures that assess statin therapy for patients with cardiovascular disease (statn1_ec through statn6_ec) and diabetes (statn7_ec and statn8_ec). **Please note**: This reminder follows the HEDIS measures closely and is noted to differ from the VA/DOD Clinical Practice Guideline for the Management of Dyslipidemia for Cardiovascular Risk Reduction (LIPID) (2014). It is also noted that the American College of Cardiology/American Heart Association (ACC/AHA) Guidelines on the Management of Blood Cholesterol were released in November 2018. It is expected this clinical reminder will be revised after the VA/DOD Clinical Practice Guideline for the Management of Dyslipidemia for Cardiovascular Risk Reduction is updated and released to the field.

The major updates for this release include:
1. If patient has an active NON-VA medication with start date greater than 1 year, the provider will be prompted to verify patient is still currently taking the NON-VA statin medication as documented. If the patient is still taking the NON-VA statin as documented on the Medications tab, then no further intervention is needed. If the provider chooses that the patient is no longer taking the NON-VA statin as currently documented, the provider will be prompted to enter an order for statin medication, add a new order for NON-VA statin medication or document deferral information.

2. Age is set by using the global reminder variable PRXMAGE in the condition statement in the VA-DIABETES HEDIS, VA-DIABETES HEDIS PROB LIST, VA-IHD AND ASVD, and VA-REVASCULARIZATION CODES reminder findings. The reminder terms VA-LDL DIABETES AGE RANGE and VA-LDL IHD/ASVD AGE RANGE have been removed.

3. Added new reminder term VA-STATIN REVASCULARIZATION CODES that contains 3 new taxonomies (VA-STATIN CABG, VA-STATIN PCI, AND VA-STATIN OTHER REVASCULARIZATION). The new term VA-STATIN REVASCULARIZATION CODES been added to the cohort logic to include patients with documented revascularization code in the past year.

4. Added 3 new reminder taxonomies (VA-STATIN CIRRHOSIS, VA-STATIN MUSCULAR PAIN AND DISEASE and VA-STATING ESRD) to exclude patients with a diagnosis of cirrhosis, myalgia, myositis, myopathy or rhabdomyolysis in the past year or end stage renal disease (ESRD) in the past two years.

5. Documentation of outside lab values removed from reminder dialog template.

6. Removal of VA-CHD RISK <20% and VA-CHD RISK > =20% which was designed for use by sites that were using the CHD calculator and may have wanted to include patients designated at high risk for CVD in the lipid management reminder. The CHD calculator

is no longer the appropriate risk calculator to determine risk level of CVD and has been removed. Risk calculation is expected to be included with the next release.

The updated clinical reminder cohort and resolution logic will function as follows:

Cohort Logic:
The cohort logic inclusion criteria:

- Diabetes - Ages 40-75 with 2 diagnoses in the past 2 years, or a problem list entry, or a prescription of medication for diabetes that was active in the previous 9 months and the diagnosis or prescription is more recent than any entry of an incorrect diagnosis (FF4).

  (((FI(VA-DIABETES HEDIS)&FF(1))!FI(VA-DIABETES HEDIS PROB LIST)!FI(VA-DIABETES MEDICATIONS))&FF(4)

- Ischemic Vascular Disease (IVD) - Ages 21-75 with two diagnoses of IVD in the past 2 years that is more recent than any entry of incorrect diagnosis of IVD, or one entry of CABG, PCI or other revascularization entry in the past 5 years and more recent than incorrect revascularization entry.

  !(FI(VA-IHD AND ASVD)&FF(6))!(FI(VA-STATIN REVASCULARIZATION CODES)& (FF(15))

The cohort exclusion criteria:

- Exclude those with a diagnosis of ESRD or documentation of limited life expectancy in past 2 years. Also excludes those with a diagnosis of cirrhosis, myalgia, myositis, myopathy or rhabdomyolysis in the past year.

  &' (FI(VA-STATIN LIFE EXPECTANCY < 2 YEARS)!FI(VA-STATIN CIRRHOSIS) !FI(VA-STATIN MUSCULAR PAIN AND DISEASE)! FI(VA-STATIN-ESRD))

Resolution logic:
- High dose statin tablets prescribed - VA prescription FI(10).
- Moderate dose statin - VA prescription for a moderate dose and the tablets are not being split (FF11 compares the days supply to the quantity supplied and if there is a large discrepancy, tablet splitting is assumed. FI(11)&FF(11).
- FI(27)&FI(24): Non-VA statin and the verification by staff using a health factor that this is a moderate or high dose of a statin since the dose of non-VA meds could not be evaluated by the reminder. Resolves for one year from start date of NON-VA medication or entry date if no start date is indicated. Requires yearly verification that patient is still prescribed NON-VA medication as documented

- FI(20): Add statin or adjust dose health factors (Resolves for 2 months)
- FI(21): Patient refusal (Resolves for 1 year)
- FI(22): Documentation of non-adherence (resolves for 2 months)
- FI(23): Documentation that the patient is already on the highest tolerated dose (Resolves for 1 year)

- (FI(29)&(FI(28)!FF(29))): Entry of a health factor indicating ADR to all available statins FI(29) entered in the past 1 year (FF29) or the health factor plus an actual entry in the allergy/ADR list (FI28) ever.
- FI(30): Temporary contraindication to a statin such as pregnancy (Resolves for 1 year)

UPDATE_2_0_15 contains 1 Reminder Exchange entry:

UPDATE_2_0_15 VA-LIPID STATIN RX CVD/DM

The exchange file contains the following components:
TIU TEMPLATE FIELD
    BLANK TEXT FIELD FOR DIALOGS
    VA-LIPID MGMT GUIDANCE
    RX STATIN MOD/HI DOSE

HEALTH FACTORS
    VA-REMINDER UPDATES
    VA-UPDATE_2_0_15
    INCORRECT DIAGNOSES
    VA-INCORRECT REVASCULARIZATION CODE
    INCORRECT DIAGNOSIS OF ATHEROSCLEROSIS
    INCORRECT DIABETES DIAGNOSIS
    LIPID MED INTERVENTIONS
    DECLINES STATIN ADJUSTMENT
    STATIN - ADR TO ALL AVAILABLE
    STATIN - TEMPORARY CONTRAINDICATION
    DECLINES STATIN THERAPY
    REMINDER FACTORS
    VA-STATIN LIFE EXPECTANCY < 2 YEARS
    STATIN RX DOSE REVIEWED AND UPDATED
    VA-STATIN NON-VA MED VERIFIED
    REFUSED LIPID MED ADJUSTMENT
    LIPID LOWERING MEDS ADJUSTED
    OUTSIDE STATIN - MODERATE OR HIGH DOSE
    STATIN - ON HIGHEST TOLERATED DOSE
    LIPID MEDS NON-ADHERENCE
    LIPID LOWERING MEDS INITIAL ORDER
    LIFE EXPECTANCY < 1 YEAR
    LIFE EXPECTANCY < 6 MONTHS

REMINDER SPONSOR
    VHA Cardiology Services
    Office of Patient Care Services
    National Clinical Reminder Committee

REMINDER TAXONOMY
    VA-STATIN OTHER REVASCULARIZATION

VA-STATIN PCI
VA-STATIN CABG
VA-IHD AND ASVD
VA-DIABETES HEDIS PROB LIST
VA-DIABETES HEDIS
VA-STATIN-ESRD
VA-STATIN MUSCULAR PAIN AND DISEASE
VA-STATIN CIRRHOSIS
VA-TERMINAL CANCER PATIENTS

REMINDER TERM
VA-REMINDER UPDATE_2_0_15
VA-BL STATIN INPT/OUTPT RX
VA-BL LDL REVASCULARIZATION
VA-IHD/ASVD DX INCORRECT
VA-IHD AND ASVD
VA-DIABETES DX INCORRECT
VA-DIABETES MEDICATIONS
VA-BL LDL DM AND CV DISEASE
VA-BL LDL CV DISEASE ONLY
VA-BL LDL DIABETES DX ONLY
VA-STATIN DRUGS
VA-BL LDL STATIN NON-VA MED VERIFIED
VA-STATIN DRUGS NON-VA
VA-STATIN TEMPORARY CONTRAIND
VA-STATIN ADR ALL HF
VA-STATIN ADR
VA-STATIN NON-VA MOD/HI DOSE THERAPY
VA-STATIN ON HIGHEST TOLERATED DOSE
VA-LDL NON-ADHERENCE WITH RX
VA-STATIN DECLINES
VA-STATIN ADD/ADJUST
VA-REVASCULARIZATION CODE INCORRECT
VA-STATIN REVASCULARIZATION CODES
VA-STATIN MOD DOSE (IF SPLIT, NOT MODERATE)
VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE)
VA-STATIN LIFE EXPECTANCY < 2 YEARS
VA-BL LIPID STATIN REMINDER DUE
VA-BL STATIN RX ACTIVE/SUSPENDED

REMINDER DEFINTION
VA-BL LDL REVASCULARIZATION
VA-BL LDL DM AND CV DISEASE
VA-BL LDL CV DISEASE ONLY
VA-BL LDL DIABETES DX ONLY
VA-BL LDL NON-VA STATIN VERIFIED

VA-LIPID STATIN RX CVD/DM

REMINDER DIALOG
VA-LIPID STATIN RX CVD/DM

Pre-Install

1. If you are currently using the nationally released lipid management reminder, **VA-LIPID STATIN RX CVD/DM (Ver. 1.0)**, print out or save the reminder inquiry. The reminder inquiry will be used to re-map terms, if necessary.

   If you are currently using a local reminder and wish to replace the local reminder with this updated national lipid management reminder, print out or save the local reminder inquiry. The reminder inquiry will be used to map any local health factors to the appropriate national term.

2. If currently using the nationally released reminder **VA-LIPID STATIN RX CVD/DM (Ver. 1.0),** identify the quick order or menu used as a finding item for the dialog element GP LDL STATIN ORDERS NOT ON STATIN. It was exported with PSO OERR. If your site changed to a local quick order or menu, make note for post-installation.

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_15.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 20 minutes.

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_15.PRD
```

At the **Select Action:** prompt, enter **LWH** for Load Web Host File
At the **Input the url for the .prd file:** prompt, type the following web address:
http://vista.med.va.gov/reminders/UPDATE_2_0_15.PRD

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

Search and locate an entry titled **UPDATE_2_0_15 VA-LIPID STATIN RX CVD/DM** in reminder exchange

```
+Item   Entry                        Source                Date Packed
   79   UPDATE_2_0_15 VA-LIPID STATIN  GRIFFITH@SALT LAKE CI  02/01/2019@07:19
        RX CVD/DM
   80   UPDATE_2_0_16 VA-WH MAMMOGRAM  GRIFFITH@SALT LAKE CI  09/15/2017@05:59
        SCREENING
   81   UPDATE_2_0_17 VA-WH PRECONCEPT GRIFFITH@SALT LAKE CI  11/14/2016@08:43
        ION CARE
   82   UPDATE_2_0_17 VA-WH PRECONCEPT GRIFFITH@SALT LAKE CI  11/14/2016@09:36
        ION CARE
   83   UPDATE_2_0_18 MISC UPDATE 2    GRIFFITH@SALT LAKE CI  10/20/2016@12:42
   84   UPDATE_2_0_19 VA-CSC INITIAL   GRIFFITH@SALT LAKE CI  01/31/2017@12:14
+          + Next Screen  - Prev Screen   ?? More Actions          >>>
CFE  Create Exchange File Entry       LHF  Load Host File
CHF  Create Host File                 LMM  Load MailMan Message
CMM  Create MailMan Message           LR   List Reminder Definitions
DFE  Delete Exchange File Entry       LWH  Load Web Host File
IFE  Install Exchange File Entry      RI   Reminder Definition Inquiry
IH   Installation History
Select Action: Next Screen// IFE   Install Exchange File Entry
Enter a list or range of numbers (1-238): 79  <---
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your **UPDATE_2_0_15 VA-LIPID STATIN RX CVD/DM** *(in this example it is entry 79, it will vary by site)*

```
       Component                                    Category    Exists
Source:      GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 02/01/2019@07:19:16
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER TERM
  VA-REMINDER UPDATE_2_0_15

REMINDER DEFINITION
  VA-LIPID STATIN RX CVD/DM
Non-exchangeable order dialog(s):
--------------------------------------------------------------------------
                        Name: PSO OERR
                        Type: Dialog
                Display Text: Outpatient Medications
+         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 Components and hit enter.

You will **Install** all new components.
You will **Overwrite** any components that already exist and you are prompted to Overwrite

**You will be promped to install the dialog component, VA-LIPID STATIN RX CVD/DM -
you will need to install this even if there is an X to indicate the component exists – the
dialog was updated.**

```
Packed reminder dialog: VA-LIPID STATIN RX CVD/DM

 Item  Seq. Dialog Findings                             Type    Exists
   1      VA-LIPID STATIN RX CVD/DM                      dialog    X

   2    5 VA-GP LDL STATIN HEADER*                       group
           Finding: *NONE*
   3    5.5 VA-GP LDL STATIN DUE*                        group     X
           Finding: *NONE*
   4    5.5.10 VA-GP LDL NOT ON STATIN                   group     X
           Finding: *NONE*
   5    5.5.10.1 VA-TEXT LDL DIABETES NO STATIN          element   X
           Finding: *NONE*
   6    5.5.10.2 VA-TEXT LDL CV DISEASE NO STATIN        element   X
           Finding: *NONE*
   7    5.5.10.3 VA-TEXT LDL DM AND CV DISEASE NO STATIN element   X
           Finding: *NONE*
   8    5.5.10.4 VA-TEXT LDL REVASCULARIZATION PROCEDURES 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-LIPID STATIN RX CVD/DM**

Select Action: Next Screen// IA   Install All
Install reminder dialog and all components with no further changes: Y// Y

```
Packed reminder dialog: VA-LIPID STATIN RX CVD/DM
VA-LIPID STATIN RX CVD/DM (reminder dialog) installed from exchange file.
 Item  Seq. Dialog Findings                                  Type     Exists
   1       VA-LIPID STATIN RX CVD/DM                          dialog     X

   2     5 VA-GP LDL STATIN HEADER*                            group      X
            Finding: *NONE*
   3     5.5 VA-GP LDL STATIN DUE*                             group      X
            Finding: *NONE*
   4     5.5.10 VA-GP LDL NOT ON STATIN                        group      X
            Finding: *NONE*
   5     5.5.10.1 VA-TEXT LDL DIABETES NO STATIN               element    X
            Finding: *NONE*
   6     5.5.10.2 VA-TEXT LDL CV DISEASE NO STATIN             element    X
            Finding: *NONE*
   7     5.5.10.3 VA-TEXT LDL DM AND CV DISEASE NO STATIN      element    X
            Finding: *NONE*
   8     5.5.10.4 VA-TEXT LDL REVASCULARIZATION PROCEDURES     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
```

When the dialog has completed installation, you will then be returned to this screen. At the **Select Action** prompt, type **Q.**

```
       Component                                     Category     Exists
Source:      GRIFFITH,ELIZABETH A at SALT LAKE CITY
Date Packed: 02/01/2019@07:19:16
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER TERM
  VA-REMINDER UPDATE_2_0_15

REMINDER DEFINITION
  VA-LIPID STATIN RX CVD/DM
Non-exchangeable order dialog(s):
-----------------------------------------------------------------------------
                    Name: PSO OERR
                    Type: Dialog
            Display Text: Outpatient Medications
+        Enter ?? for more actions                                        >>>
IA   Install all Components          IS   Install Selected Component
Select Action: Next Screen// Q
```

At the Select Action prompt, type Q to quit.

Install Completed

Post Installation

1. Verify the reminder VA-LIPID STATIN RX CVD/DM has been installed in your system and the dialog VA-LIPID STATIN RX CVD/DM is linked.

   a. Navigate to the Reminder Definition Management Menu and select the "Inquire about Reminder Definition" option and ensure that the VA-LIPID STATIN RX CVD/DM reminder definition has been installed.

```
Select Reminder Managers Menu <TEST ACCOUNT> Option: RM  Reminder Definition
Management

   RL     List Reminder Definitions
   RI     Inquire about Reminder Definition
   RE     Add/Edit Reminder Definition
   RC     Copy Reminder Definition
   RA     Activate/Inactivate Reminders
   RH     Reminder Edit History
   ICS    Integrity Check Selected
   ICA    Integrity Check All

Select Reminder Definition Management <TEST ACCOUNT> Option: RI  Inquire about
Reminder Definition
Select REMINDER DEFINITION: VA-LIPID STATIN RX CVD/DM        NATIONAL
DEVICE:   <Enter> I
REMINDER DEFINITION INQUIRY               Jun 27, 2018 4:59:34 am  Page 1
------------------------------------------------------------------

VA-LIPID STATIN RX CVD/DM                                      No. 1539
--------------------------------------------------------------------------

Print Name:          Assess Statin Use - Lipids (CVD/DM)

Class:               NATIONAL
```

   b. When reviewing reminder inquiry for VA-LIPID STATIN RX CV/DM, verify finding item Finding item #1 VA-DIABETES HEDIS and Finding item #2 VA-DIABETES HEDIS PROB LIST have condition statement defined as:
   I +V=0&(PXRMAGE>39)&(PXRMAGE<76)

```
Findings:

  ---- Begin: VA-DIABETES HEDIS (FI(1)=TX(317)) --------------------------
              Finding Type: REMINDER TAXONOMY
        Beginning Date/Time: T-2Y
           Occurrence Count: 2
                  Condition: I +V=0&(PXRMAGE>39)&(PXRMAGE<76)
  ---- End: VA-DIABETES HEDIS ----------------------------------------------

  ---- Begin: VA-DIABETES HEDIS PROB LIST (FI(2)=TX(316)) -----------------
              Finding Type: REMINDER TAXONOMY
                  Condition: I +V=0&(PXRMAGE>39)&(PXRMAGE<76)
  ---- End: VA-DIABETES HEDIS PROB LIST ------------------------------------
```

c. Verify finding item # 5 VA-IHD AND ASVD and finding item # 15 VA-STATIN REVASCULARIZATION CODES have the condition statement defined as follows: I+V=0&(PXRMAGE>20)&(PXRMAGE<76)

```
   ---- Begin: VA-IHD AND ASVD (FI(5)=RT(1549)) ----------------------------
                  Finding Type: REMINDER TERM
            Beginning Date/Time: T-2Y
               Occurrence Count: 2
                      Condition: I+V=0&(PXRMAGE>20)&(PXRMAGE<76)

                  Mapped Findings: TX.VA-IHD AND ASVD

   ---- End: VA-IHD AND ASVD -------------------------------------------
```

```
   ---- Begin: VA-STATIN REVASCULARIZATION CODES (FI(15)=RT(1109)) ----------
                  Finding Type: REMINDER TERM
            Beginning Date/Time: T-5Y
                      Condition: I+V=0&(PXRMAGE>20)&(PXRMAGE<76)

                  Mapped Findings: TX.VA-STATIN CABG

                  Mapped Findings: TX.VA-STATIN PCI

                  Mapped Findings: TX.VA-STATIN OTHER
                                      REVASCULARIZATION

   ---- End: VA-STATIN REVASCULARIZATION CODES -----------------------------
```

2. If your site updated the finding item in dialog element GP LDL STATIN ORDERS NOT ON STATIN from PSO OERR to a local quick order or menu, verify your local quick order or menu was not overwritten during install.

   a. Navigate to the Reminder Dialog menu option.

```
Select Reminder Managers Menu <TEST ACCOUNT> Option: REMINDER DIAlOG
Management


   DP     Dialog Parameters ...
   DI     Reminder Dialogs
   DR     Dialog Reports ...
   IA     Inactive Codes Mail Message

Select Reminder Dialog Management <TEST ACCOUNT> Option: DI  Reminder Dialogs
```

   b. At the Next Screen prompt type "CV" for change view. Next, type "E" to change view to display Dialog Elements.

```
Dialog List              Jun 27, 2018@05:03:54      Page:    1 of   21
REMINDER VIEW (ALL REMINDERS BY NAME)

 Item Reminder Name                        Linked Dialog Name & Dialog Status
 134  VA-EMBEDDED FRAGMENTS RISK EVALUAT  VA-EMBEDDED FRAGMENTS RISK
 135  VA-EMBEDDED FRAGMENTS SCREEN        VA-EMBEDDED FRAGMENTS SCREE
 136  VA-FOLLOW-UP POS PTSD/DEP COMBINAT  VA-FOLLOW-UP POS PTSD/DEP C
 137  VA-GEC REFERRAL CARE COORDINATION   VA-GEC REFERRAL CARE COORDI
 138  VA-GEC REFERRAL CARE RECOMMENDATIO  VA-GEC REFERRAL CARE RECOMM
 139  VA-GEC REFERRAL NURSING ASSESSMENT  VA-GEC REFERRAL NURSING ASS
 140  VA-GEC REFERRAL SOCIAL SERVICES     VA-GEC REFERRAL SOCIAL SERV

+   Next Screen - Previous screen          ?? for more actions     >>>

AR   All reminders         LR   Linked Reminders    QU   Quit
CV   Change View           RN   Name/Print Name
Select Item: Next Screen// CV
Select one of the following:


        D          Reminder Dialogs
        E          Dialog Elements
        F          Forced Values
        G          Dialog Groups
        P          Additional Prompts
        R          Reminders
        RG         Result Group (Mental Health)
        RE         Result Element (Mental Health)

TYPE OF VIEW: R// E
```

c.   Type in "SL" to search the list of dialog element. At the search for prompt, type "GP LDL STATIN"

```
Dialog List              Jun 27, 2018@05:14:19      Page:    1 of  953
DIALOG VIEW (DIALOG ELEMENTS)

 Item Dialog Name                       Dialog type           Status
   1  00 SPACER BOTH                    Dialog Element
   2  00 SPACER NOTE ONLY (E)           Dialog Element
   3  ACT 1 HOMEWORK                    Dialog Element
   4  ACT 1 TREATMENT PROGRESS          Dialog Element
   5  ACT 2 TIME IN SESSION             Dialog Element
   6  ACT 2 TREATMENT PROGRESS          Dialog Element
   7  ACT 3 PLAN BOOSTER SESSION        Dialog Element
   8  ACT 3 PLAN COMPLETE               Dialog Element
+        + Next Screen  - Prev Screen   ??  More Actions          >>>

AD   Add                 PT   List/Print All     QU   Quit
CO   Copy Dialog         INQ  Inquiry/Print
CV   Change View         TE   Dialog Taxonomy Edit
Select Item: Next Screen// SL
Search for: GP LDL STATIN
```

d. If your site updated the finding item in dialog element GP LDL STATIN ORDERS NOT ON STATIN from PSO OERR to a local quick order or menu, verify your local quick order or menu was not overwritten during install.

```
Dialog List                Jun 27, 2018@05:27         Page:   23 of  953
DIALOG VIEW (DIALOG ELEMENTS)


+Item Dialog Name                              Dialog type     Status
 312  GP LDL STATIN ORDERS NOT ON STATIN      Dialog Element
 313  HF ADL EATING 1                         Dialog Element
 314  HF ADL EATING 2                         Dialog Element
 315  HF ADL EATING 3                         Dialog Element
 316  HF ADL EATING 4                         Dialog Element
+      + Next Screen  - Previous Screen  ?? for more actions      >>>


Find Next 'GP LDL STAT'? Yes//NO


AD   Add                 PT   List/Print All      QU   Quit
CO   Copy Dialog         INQ  Inquiry/Print
CV   Change View         TE   Dialog Taxonomy Edit
Select Item: Next Screen//312 <<Item will have different # in your system

Dialog Name:  GP LDL STATIN ORDERS NOT ON STATIN

Current dialog element/group name: GP LDL STATIN ORDERS NOT ON STATIN
Used by:  VA-GP LDL NOT ON STATIN ACTIONS (Dialog Group)
          VA-GP LDL NOT ON NON-VA STATIN ACTIONS (Dialog Group)

NAME: GP LDL STATIN ORDERS NOT ON STATIN Replace
DISABLE:
CLASS: LOCAL//
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE: ORDERED//
ORDERABLE ITEM:
FINDING ITEM: PSO OERR//  <<Replace if using a local order menu or quick
order. Compare to pre-install
```
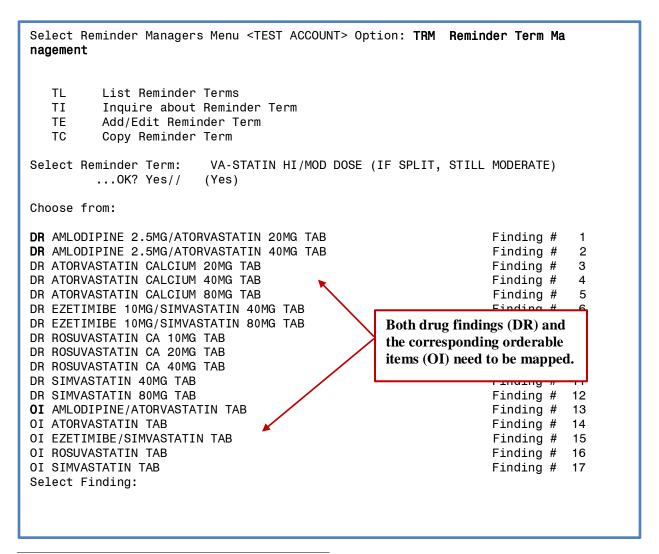
3. Map any local items to the reminder terms.
    a. **Existing national terms:** the following terms used in the VA-LIPID STATIN RX CVD/DM reminder have not been updated. Using reminder inquiry printed before installation, verify any local findings previously mapped are appropriately mapped to the following terms and were not overwritten during install:

> VA-DIABETES DX INCORRECT
> VA-IHD/ASVD DX INCORRECT
> VA-STATIN ADD/ADJUST
> VA-STATIN ON HIGHEST TOLERATED DOSE
> VA-STATIN TEMPORARY CONTRAIND
> VA-LDL NON-ADHERENCE WITH RX

VA-DIABETES DX INCORRECT
VA-STATIN DECLINES
VA-STATIN ADR ALL HF

b. **New reminder terms**:   VA-STATIN LIFE EXPECTANCY < 2 YEARS replaces VA-LIFE EXPECTANCY < 6 MONTHS. Map any appropriate local finding items to this new term.

VA-STATIN HIGH DOSE and VA-STATIN MODERATE DOSE have been replaced by the new reminder terms VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE) and VA-STATIN MOD DOSE (IF SPLIT, NOT MODERATE). Map both drug Findings and orderable items to these terms. The correct mapping of these 2 new terms to drug findings (DR) is critical to allow the reminder to assess the doses of statins that are in use. **Use drug findings – DO NOT use drug classes.** Mapping of the orderable item will allow for immediate resolution of the reminder if a brand-new statin medication is placed. **When mapping is complete it should contain both drug findings and orderable items**.

```
Select Reminder Managers Menu <TEST ACCOUNT> Option: TRM  Reminder Term Ma
nagement


   TL     List Reminder Terms
   TI     Inquire about Reminder Term
   TE     Add/Edit Reminder Term
   TC     Copy Reminder Term

Select Reminder Term:    VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE)
        ...OK? Yes//   (Yes)

Choose from:

DR AMLODIPINE 2.5MG/ATORVASTATIN 20MG TAB                    Finding #   1
DR AMLODIPINE 2.5MG/ATORVASTATIN 40MG TAB                    Finding #   2
DR ATORVASTATIN CALCIUM 20MG TAB                             Finding #   3
DR ATORVASTATIN CALCIUM 40MG TAB                             Finding #   4
DR ATORVASTATIN CALCIUM 80MG TAB                             Finding #   5
DR EZETIMIBE 10MG/SIMVASTATIN 40MG TAB                       Finding #   6
DR EZETIMIBE 10MG/SIMVASTATIN 80MG TAB
DR ROSUVASTATIN CA 10MG TAB
DR ROSUVASTATIN CA 20MG TAB
DR ROSUVASTATIN CA 40MG TAB
DR SIMVASTATIN 40MG TAB
DR SIMVASTATIN 80MG TAB                                      Finding #  12
OI AMLODIPINE/ATORVASTATIN TAB                               Finding #  13
OI ATORVASTATIN TAB                                          Finding #  14
OI EZETIMIBE/SIMVASTATIN TAB                                 Finding #  15
OI ROSUVASTATIN TAB                                          Finding #  16
OI SIMVASTATIN TAB                                           Finding #  17
Select Finding:
```

Both drug findings (DR) and the corresponding orderable items (OI) need to be mapped.

(1) VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE)

    (a) **Step 1**: Include all **drug findings** that have a dose of statin that even if split in half would still be a moderate dose. Consult with your Pharmacy ADPAC to ensure these terms are mapped correctly. ***PLEASE NOTE:*** *It isn't necessary to define any of the fields within the finding item as they are set at the term level. Enter through all prompts.*

AMLODIPINE 10MG/ATORVASTATIN 20MG TAB
AMLODIPINE 10MG/ATORVASTATIN 40MG TAB
AMLODIPINE 10MG/ATORVASTATIN 80MG TAB
AMLODIPINE 2.5MG/ATORVASTATIN 20MG TAB
AMLODIPINE 2.5MG/ATORVASTATIN 40MG TAB
AMLODIPINE 5MG/ATORVASTATIN 20MG TAB
AMLODIPINE 5MG/ATORVASTATIN 40MG TAB
AMLODIPINE 5MG/ATORVASTATIN 80MG TAB
ATORVASTATIN CALCIUM 20MG TAB
ATORVASTATIN CALCIUM 40MG TAB
ATORVASTATIN CALCIUM 80MG TAB
ATORVASTATIN 20MG/EZETIMIBE 10MG TAB
ATORVASTATIN 40MG/EZETIMIBE 10MG TAB
ATORVASTATIN 80MG/EZETIMIBE 10MG TAB
EZETIMIBE 10MG/SIMVASTATIN 40MG TAB
EZETIMIBE 10MG/SIMVASTATIN 80MG TAB
NIACIN 1000MG/SIMVASTATIN 40 MG SA TAB
NIACIN 500MG/SIMVASTATIN 40MG SA TAB
PITAVASTATIN 4MG TAB
PRAVASTATIN NA 80MG TAB
ROSUVASTATIN CA 10MG TAB
ROSUVASTATIN CA 20MG TAB
ROSUVASTATIN CA 40MG TAB
SIMVASTATIN 40MG TAB
SIMVASTATIN 80MG TAB
SIMVASTATIN 40MG/SITAGLIPTIN 100MG TAB
SIMVASTATIN 40MG/SITAGLIPTIN 50MG TAB

Mapping Term Example:

```
Select Reminder Term Management <TEST ACCOUNT> Option: TE  Add/Edit Reminder Term

Select Reminder Term: VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE)  NATIONAL
          ...OK? Yes//Yes

NAME: VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE) Replace
CLASS: NATIONAL//
SPONSOR:
REVIEW DATE:
DESCRIPTION: Include any tablet size that when cut in half would still represent a moderate
dose.  Edit? NO//
Reminder Term has no findings!

Select Finding: DR.ATORVASTATIN
     Searching for a DRUG, (pointed-to by FINDING ITEM)
     Searching for a DRUG

     1    ATORVASTATIN CALCIUM 10MG TAB          CV350
     2    ATORVASTATIN CALCIUM 20MG TAB          CV350
     3    ATORVASTATIN CALCIUM 40MG TAB          CV350
     4    ATORVASTATIN CALCIUM 80MG TAB          CV350
CHOOSE 1-4: 4
  Are you adding 'ATORVASTATIN CALCIUM 80MG TAB' as
    a new FINDINGS (the 1ST for this REMINDER TERM)? No// YES
Editing Finding Number: 1
FINDING ITEM: ATORVASTATIN CALCIUM 80MG TAB//
BEGINNING DATE/TIME:
ENDING DATE/TIME:
OCCURRENCE COUNT:
RXTYPE:
USE START DATE:
CONDITION:
CONDITION CASE SENSITIVE:
USE STATUS/COND IN SEARCH:

No statuses defined for this finding item:
Select one of the following:

        A          ADD STATUS
        D          DELETE A STATUS
        S          SAVE AND QUIT
        Q          QUIT WITHOUT SAVING CHANGES
Enter response: S// AVE AND QUIT
```

When mapping the drug findings (DR), it isn't necessary to define any of the fields within the finding item (i.e. status) as they are set at the term level. Enter through the prompts.

(b) **Step 2:** In order to resolve the reminder immediately upon entering brand new prescription (patient not previously on a statin medication), map the orderable item for each of the statin medications added in step 1 to the reminder term **VA-STATIN HI/MOD DOSE (IF SPLIT, STILL MODERATE).**
PLEASE NOTE: when entering each orderable item, a start date of T-7 needs to be added to the BEGINNING DATE/TIME prompt.

Mapping Orderable Item Example:

```
Reminder Term: VA-STATIN MOD DOSE (IF SPLIT, NOT MODERATE)

Do you want to edit mapped findings for VA-STATIN MOD DOSE (IF SPLIT, NOT MODERA
TE): N// YES

Reminder Term Findings:


DR       AMLODIPINE 2.5MG/ATORVASTATIN 10MG TAB
DR       AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
DR       ATORVASTATIN CALCIUM 10MG TAB
DR       EZETIMIBE 10MG/SIMVASTATIN 20MG TAB
DR       FLUVASTATIN NA 80MG SA TAB
DR       LOVASTATIN 40MG TAB
DR       LOVASTATIN 40MG/NIACIN 1000MG SA TAB
DR       PRAVASTATIN NA 40MG TAB
DR       ROSUVASTATIN CA 5MG TAB
DR       SIMVASTATIN 20MG TAB


Choose from:

DR AMLODIPINE 2.5MG/ATORVASTATIN 10MG TAB                  Finding #   1
DR AMLODIPINE 5MG/ATORVASTATIN 10MG TAB                    Finding #   2
DR ATORVASTATIN CALCIUM 10MG TAB                           Finding #   3
DR EZETIMIBE 10MG/SIMVASTATIN 20MG TAB                     Finding #   4
DR FLUVASTATIN NA 80MG SA TAB                              Finding #   5
DR LOVASTATIN 40MG TAB                                     Finding #   6
DR LOVASTATIN 40MG/NIACIN 1000MG SA TAB                    Finding #   7
DR PRAVASTATIN NA 40MG TAB                                 Finding #   8
DR ROSUVASTATIN CA 5MG TAB                                 Finding #   9
DR SIMVASTATIN 20MG TAB                                    Finding #  10
Select Finding: OI.ATORVASTATIN
    Searching for a ORDERABLE ITEMS, (pointed-to by FINDING ITEM)
  ATORVASTATIN TAB
       ...OK? Yes//   (Yes)
  Are you adding 'ATORVASTATIN TAB ' as a new FINDINGS? No// Y  (Yes)
Editing Finding Number: 14
FINDING ITEM: ATORVASTATIN TAB //
BEGINNING DATE/TIME: T-7
ENDING DATE/TIME:
OCCURRENCE COUNT:
USE START DATE:
CONDITION:
CONDITION CASE SENSITIVE:
USE STATUS/COND IN SEARCH:

No statuses defined for this finding item


    Select one of the following:

         A        ADD STATUS
         D        DELETE A STATUS
         S        SAVE AND QUIT
         Q        QUIT WITHOUT SAVING CHANGES

Enter response: S// AVE AND QUIT
```

When mapping the statin orderable items (OI), add BEGINNING DATE/TIME of T-7 to all

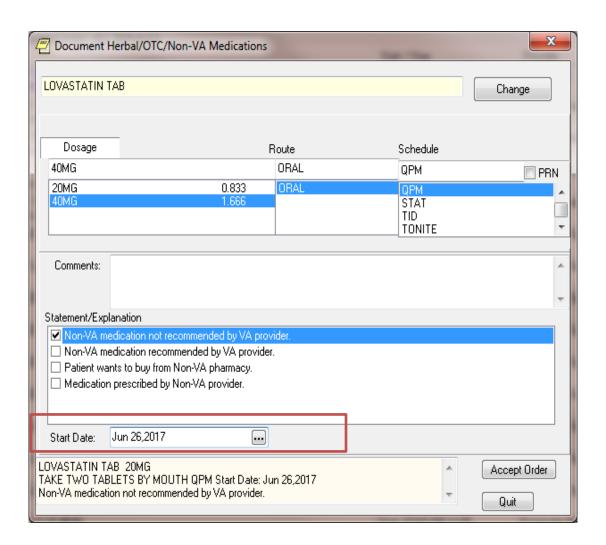(2) **VA-STATIN MOD DOSE (IF SPLIT, NOT MODERATE)**

(a) **Step 1**: Map only the statin drug findings (DR) that, if split would no longer be considered a moderate dose. See example 1(a) on previous.

PLEASE NOTE: It isn't necessary to define any of the fields within the finding item as they are set at the term level. Enter through the prompts.
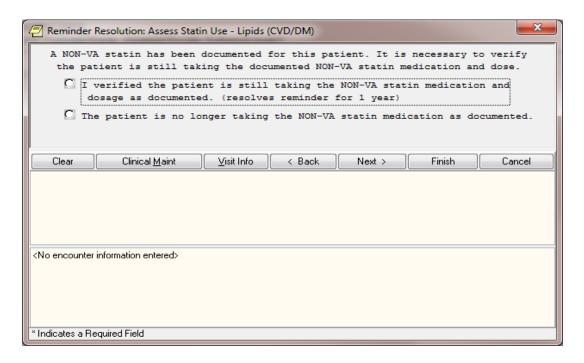
AMLODIPINE 10MG/ATORVASTATIN 10MG TAB
AMLODIPINE 2.5MG/ATORVASTATIN 10MG TAB
AMLODIPINE 5MG/ATORVASTATIN 10MG TAB
ATORVASTATIN CALCIUM 10MG TAB
ATORVASTATIN 10MG/EZETIMIBE 10MG TAB
EZETIMIBE 10MG/SIMVASTATIN 20MG TAB
FLUVASTATIN NA 80MG SA TAB
LOVASTATIN 40MG TAB
LOVASTATIN 40MG/NIACIN 1000MG TAB
LOVASTATIN 40MG/NIACIN 1000MG SA TAB
NIACIN 1000MG/SIMVASTATIN 20MG SA TAB
NIACIN 500MG/SIMVASTATIN 20MG SA TAB
NIACIN 750MG/SIMVASTATIN 20MG SA TAB
PITAVASTATIN 2MG TAB
PRAVASTATIN NA 40MG TAB
ROSUVASTATIN CA 5MG TAB
SIMVASTATIN 20MG TAB
SIMVASTATIN 20MG/SITAGLIPTIN 100MG TAB
SIMVASTATIN 20MG/SITAGLIPTIN 50MG TAB

(b) **Step 2:** In order to resolve the reminder immediately when a brand-new prescription is entered (patient not previously on statin medication), map the orderable item (OI) for each of the statin medications added in step 1 to the reminder term **VA-STATIN HI/MOD DOSE (IF SPLIT, NOT MODERATE).** See example 1(b) on previous page for example.

PLEASE NOTE*: when entering each orderable item, a start date of T-7 needs to be added to the BEGINNING DATE/TIME prompt.*

4. Activate the clinical reminder for testing group as per local process.

5. Verify NON-VA Medication verification dialog
   a. Select a test patient for whom the VA-LIPID STATIN RX CVD/DM reminder is due. (Add ICD-10 code E11.9 to two outpatient encounters within past year to a test patient who is between the ages of 40 and 75, who is not currently on a statin medication)

   b. Add a NON-VA medication for Simvastatin and make the start date over 1 year in the past and accept the order.

c. Go to File → Refresh Patient Information.

d. Navigate to the Notes tab and open a new note and process the VA-LIPID STATIN RX CVD/DM reminder. The following dialog should be presented:

e. Once you have verified that the Dialog appears as above, click the cancel button to exit out of the reminder.

6. Upon completion of testing, add the VA-LIPID STATIN RX CVD/DM reminder to the Coversheet (and any appropriate categories) and remove the VA-LIPID STATIN RX CVD/DM (VER 1.0) reminder from the coversheet and any categories.

NOTE: If you require further technical assistance or 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
Subcategory: Applications
Enterprise Application: VistA - Clinical Reminders
Assignment Group: NTL SUP Clin 2