Clinical Reminders

VA-LIPID STATIN RX CVD/DM Reminder Updates

Install Guide

March 2019

Product Development
Office of Information Technology
Department of Veterans Affairs
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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).

  $$(((FI(VA\text{-DIABETES HEDIS})&FF(1)))!FI(VA\text{-DIABETES HEDIS PROB LIST})!FI(VA\text{-DIABETES MEDICATIONS})&FF(4))$$

- 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.

  $$!(FI(VA\text{-IHD AND ASVD})&FF(6))!FI(VA\text{-STATIN REVASCULARIZATION CODES})&FF(15))$$

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.

  $$&(FI(VA\text{-STATIN LIFE EXPECTANCY < 2 YEARS})!FI(VA\text{-STATIN CIRRHOSIS})!FI(VA\text{-STATIN MUSCULAR PAIN AND DISEASE})!FI(VA\text{-STATIN-ESRD}))$$

**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
REMINDER TERM
VA-REMINDER UPDATE_2_0_15
VA-BL STATIN INPT/OUTPT RX
VA-BL LDL REVASCULARIZATION
VA-IHD/ASVD DX INCORECT
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 DEFINITION
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

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

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)*
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 prompted 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.

At the **Select Action** prompt, type **IA** to install the dialog – **VA-LIPID STATIN RX CVD/DM**

<table>
<thead>
<tr>
<th>Source:</th>
<th>GRIFFITH, ELIZABETH A at SALT LAKE CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Packed:</td>
<td>02/01/2019 07:19:18</td>
</tr>
<tr>
<td>Package Version:</td>
<td>2.0P35</td>
</tr>
<tr>
<td>Description:</td>
<td>The following Clinical Reminder items were selected for packing:</td>
</tr>
<tr>
<td></td>
<td>REMINDER TERM</td>
</tr>
<tr>
<td></td>
<td>VA-REMEMINDER UPDATE_2_0_15</td>
</tr>
<tr>
<td>REMINDER DEFINITION</td>
<td>VA-LIPID STATIN RX CVD/DM</td>
</tr>
<tr>
<td>Non-exchangeable order dialog(s):</td>
<td></td>
</tr>
<tr>
<td>Name:</td>
<td>PSO ERR</td>
</tr>
<tr>
<td>Type:</td>
<td>Dialog</td>
</tr>
<tr>
<td>Display Text:</td>
<td>Outpatient Medications</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packed reminder dialog: VA-LIPID STATIN RX CVD/DM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td></td>
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<td>3</td>
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<td>6</td>
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<tr>
<td>7</td>
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<tr>
<td></td>
</tr>
<tr>
<td>8</td>
</tr>
</tbody>
</table>

Select Action: Next Screen// IA  Install All
Install reminder dialog and all components with no further changes: Y// Y
When the dialog has completed installation, you will then be returned to this screen. At the Select Action prompt, type 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
   
   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
   ```

   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:

   $I +V=0&(PXRMAGE>39)&(PXRMAGE<76)$
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.
c. Type in “SL” to search the list of dialog element. At the search for prompt, type “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.

<table>
<thead>
<tr>
<th>Dialog Name</th>
<th>Dialog Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>312</td>
<td>Dialog Element</td>
<td></td>
</tr>
<tr>
<td>313</td>
<td>Dialog Element</td>
<td></td>
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<tr>
<td>314</td>
<td>Dialog Element</td>
<td></td>
</tr>
<tr>
<td>315</td>
<td>Dialog Element</td>
<td></td>
</tr>
<tr>
<td>316</td>
<td>Dialog Element</td>
<td></td>
</tr>
</tbody>
</table>

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 CONTRAIN
   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 Management

<table>
<thead>
<tr>
<th>TL</th>
<th>List Reminder Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>TI</td>
<td>Inquire about Reminder Term</td>
</tr>
<tr>
<td>TE</td>
<td>Add/Edit Reminder Term</td>
</tr>
<tr>
<td>TC</td>
<td>Copy Reminder Term</td>
</tr>
</tbody>
</table>

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 | Finding # 7 |
| DR ROSUVASTATIN CA 10MG TAB | Finding # 8 |
| DR ROSUVASTATIN CA 20MG TAB | Finding # 9 |
| DR ROSUVASTATIN CA 40MG TAB | Finding # 10 |
| DR SIMVASTATIN 40MG TAB | Finding # 11 |
| 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 CALCIIUM 20MG TAB
ATORVASTATIN CALCIIUM 40MG TAB
ATORVASTATIN CALCIIUM 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-STATION MOD DOSE (IF SPLIT, NOT MODERATE)
Do you want to edit mapped findings for VA-STATION MOD DOSE (IF SPLIT, NOT MODERATE): N// YES

Reminder Term Findings:

<table>
<thead>
<tr>
<th>DR</th>
<th>FINDING ITEM</th>
<th>FINDING #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMLODIPINE 2.5MG/ATORVASTATIN 10MG TAB</td>
<td>Finding # 1</td>
<td></td>
</tr>
<tr>
<td>AMLODIPINE 5MG/ATORVASTATIN 10MG TAB</td>
<td>Finding # 2</td>
<td></td>
</tr>
<tr>
<td>ATORVASTATIN CALCIUM 10MG TAB</td>
<td>Finding # 3</td>
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<tr>
<td>EZETIMIBE 10MG/SIMVASTATIN 20MG TAB</td>
<td>Finding # 4</td>
<td></td>
</tr>
<tr>
<td>FLUVASTATIN NA 80MG SA TAB</td>
<td>Finding # 5</td>
<td></td>
</tr>
<tr>
<td>LOVASTATIN 40MG TAB</td>
<td>Finding # 6</td>
<td></td>
</tr>
<tr>
<td>LOVASTATIN 40MG/NIACIN 1000MG SA TAB</td>
<td>Finding # 7</td>
<td></td>
</tr>
<tr>
<td>PRAVASTATIN NA 40MG TAB</td>
<td>Finding # 8</td>
<td></td>
</tr>
<tr>
<td>ROSUVASTATIN CA 5MG TAB</td>
<td>Finding # 9</td>
<td></td>
</tr>
<tr>
<td>SIMVASTATIN 20MG TAB</td>
<td>Finding # 10</td>
<td></td>
</tr>
</tbody>
</table>

Choose from:

<table>
<thead>
<tr>
<th>FINDING ITEM</th>
<th>FINDING #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMLODIPINE 2.5MG/ATORVASTATIN 10MG TAB</td>
<td>Finding # 1</td>
</tr>
<tr>
<td>AMLODIPINE 5MG/ATORVASTATIN 10MG TAB</td>
<td>Finding # 2</td>
</tr>
<tr>
<td>ATORVASTATIN CALCIUM 10MG TAB</td>
<td>Finding # 3</td>
</tr>
<tr>
<td>EZETIMIBE 10MG/SIMVASTATIN 20MG TAB</td>
<td>Finding # 4</td>
</tr>
<tr>
<td>FLUVASTATIN NA 80MG SA TAB</td>
<td>Finding # 5</td>
</tr>
<tr>
<td>LOVASTATIN 40MG TAB</td>
<td>Finding # 6</td>
</tr>
<tr>
<td>LOVASTATIN 40MG/NIACIN 1000MG SA TAB</td>
<td>Finding # 7</td>
</tr>
<tr>
<td>PRAVASTATIN NA 40MG TAB</td>
<td>Finding # 8</td>
</tr>
<tr>
<td>ROSUVASTATIN CA 5MG TAB</td>
<td>Finding # 9</td>
</tr>
<tr>
<td>SIMVASTATIN 20MG TAB</td>
<td>Finding # 10</td>
</tr>
</tbody>
</table>

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:

![Reminder Resolution Assess Statin Use - Lipids (CVD/DM)](image)

- Select the option: I verified the patient is still taking the documented NON-VA statin medication and dosage as documented. (resolves reminder for 1 year)
- The patient is no longer taking the NON-VA statin medication as documented.

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