



Update _2_0_409

Clinical Reminders

**VA-AMERICAN GERIATRIC SOCIETY (AGS)
MEDICATION REVIEW NOTE**

Install Guide

March 2023

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

This reminder dialogue will allow for standardized documentation and data collection across all VA Emergency Departments (EDs).

- Any older veteran 65+ years in age seen in the ED *can* be assessed using the *American Geriatrics Society (AGS) Medication Review Note*.
- The *ED American Geriatrics Society (AGS) Medication Review Note* reminder dialogue contains seven sections:
 1. Current Medications
 2. Pertinent Lab Results
 3. Potentially Inappropriate Medications for Older Adults
 4. Medication Concerns
 5. Medication Review Results
 6. Pharmacist Implemented the following changes today
 7. Non-Pharmacological Consult Suggested

Representative Users:

- VA EDs that are preparing for Geriatric ED accreditation or maintaining *Geriatric ED accreditation*.
- The clinical users for this reminder dialogue include Pharmacists and their licensed extenders assigned to assist in the ED, Physicians, Nurses, PT/OT, Social Workers, and anyone who could receive a consult for patient care in the VA ED.

UPDATE_2_0_409 contains 1 Reminder Exchange entry:

UPDATE_2_0_409 VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE

The exchange file contains the following components:

TIU TEMPLATE FIELD

AGS MED NOTE BEERS POCKET CRITERIA URL
AGS MED NOTE CRITERIA LINK
DATE
WORD 1 LINE
WORD 4 LINE

HEALTH FACTORS

VA-GERI-ED AGS MED REVIEW NOTE [C]
VA-GERI-ED AGS MED REVIEW NOTE ALPHA 1 BLOCKERS
VA-GERI-ED AGS MED REVIEW NOTE ANTICHOLINERGIC
VA-GERI-ED AGS MED REVIEW NOTE ANTICOAGS
VA-GERI-ED AGS MED REVIEW NOTE ANTI-DEPRESSANTS
VA-GERI-ED AGS MED REVIEW NOTE BENZOS

VA-GERI-ED AGS MED REVIEW NOTE CHANGES UNDER SCOPE OF PRAC
VA-GERI-ED AGS MED REVIEW NOTE CONCERN ACTIVE SUB USE
VA-GERI-ED AGS MED REVIEW NOTE CONCERN ADHERENCE
VA-GERI-ED AGS MED REVIEW NOTE CONCERN DELIRIUM
VA-GERI-ED AGS MED REVIEW NOTE CONCERN FALL RISK
VA-GERI-ED AGS MED REVIEW NOTE CONCERN HERB/VIT/SUP
VA-GERI-ED AGS MED REVIEW NOTE CONCERN HYPOGLYCEMIA
VA-GERI-ED AGS MED REVIEW NOTE CONCERN KIDNEY DISFUNCTION
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY CHF
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY COPD
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY DIABETE
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY OTHER
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY PAIN MA
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY PAIN MS
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY PAIN NE
VA-GERI-ED AGS MED REVIEW NOTE CONCERN OCC THERAPY-HYPERTE
VA-GERI-ED AGS MED REVIEW NOTE CONCERN TO DECREASE MEDS
VA-GERI-ED AGS MED REVIEW NOTE EVAL TIME <5 MIN
VA-GERI-ED AGS MED REVIEW NOTE EVAL TIME >15 MIN
VA-GERI-ED AGS MED REVIEW NOTE EVAL TIME 10-15 MIN
VA-GERI-ED AGS MED REVIEW NOTE EVAL TIME 5-10 MIN
VA-GERI-ED AGS MED REVIEW NOTE MEDS APPROP NO ADJUSTMENT
VA-GERI-ED AGS MED REVIEW NOTE NO HI RISK MEDS IDENTIFIED
VA-GERI-ED AGS MED REVIEW NOTE NON-BENZO
VA-GERI-ED AGS MED REVIEW NOTE OPIOIDS
VA-GERI-ED AGS MED REVIEW NOTE OTHER MEDICATION CONCERNS
VA-GERI-ED AGS MED REVIEW NOTE OTHER MISCELLANEOUS
VA-GERI-ED AGS MED REVIEW NOTE PHARAMCY REC INTERVENTION T
VA-GERI-ED AGS MED REVIEW NOTE PHARM REC ALTERNATE MED
VA-GERI-ED AGS MED REVIEW NOTE PHARM REC CESSATION
VA-GERI-ED AGS MED REVIEW NOTE PHARM REC WEAN/TAPER
VA-GERI-ED AGS MED REVIEW NOTE POT HI RISK MED REQ REVIEW
VA-GERI-ED AGS MED REVIEW NOTE RELAXANTS
VA-REMINDER UPDATES [C]
VA-UPDATE_2_0_409

REMINDER DIALOG

VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE

REMINDER SPONSOR

OFFICE OF GERIATRIC EXTENDED CARE

REMINDER TERM

VA-REMINDER UPDATE_2_0_409

Pre-Installation

1. Identify local TIU objects for the following:
 - a. Allergies
 - b. Current active medications
 - c. Hematocrit lab results
 - d. Hemoglobin lab results
 - e. Basic Metabolic Panel lab results
 - f. Hemoglobin A1C lab results
 - g. Lipid Panel lab results
 - h. AST/ALT lab results
 - i. Creatinine Clearance
 - j. Primary Care Provider

Install Details

This update is being distributed as a web host file. The address for the host file is:

https://REDACTED/UPDATE_2_0_409.PRD

```
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              RP Repack
Select Action: Next Screen// LWH Load Web Host File
```

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 10 minutes.

Install Example

Search and locate an entry titled **UPDATE_2_0_409 VA-AMERICAN GERIATRIC SOCIETY (AGS) MED REVIEW** in reminder exchange.

+Item	Entry	Source	Date Packed
600	UPDATE_2_0_409 VA-AMERICAN GERIATRIC SOCIETY (AGS) MED REVIEW		
601	UPDATE_2_0_41 FUNCTIONAL AND PSYCHOSOCIAL TEMPLATE		
602	UPDATE_2_0_413 VA-ONCOLOGY CLOSE TO ME TEMPLATES		
603	UPDATE_2_0_42 VA-TELERETINOPAT HY NOTES		
604	UPDATE_2_0_42 VA-TELERETINOPAT		


```

+      + 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              RP  Repack
Select Action: Next Screen// ife     Install Exchange File Entry
Enter a list or range of numbers (1-835): 600

```



At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
Enter the number that corresponds with your entry UPDATE_2_0_409 VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE (*in this example it is entry 600 it will vary by site*). The date of the exchange file should be 3/27/2023.

```

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE

REMINDER TERM
  VA-REMINDER UPDATE_2_0_409
Non-exchangeable TIU object(s):
-----
TIU Object: PATIENT AGE
Object Method: S X=$$AGE^TIULO(DFN)

+      Enter ?? for more actions      >>>
IA  Install all Components            IS  Install Selected Component
Select Action: Next Screen// IA

```

At the **Select Action** prompt, type **IA** for Install all Components and hit enter.

Select Action: Next Screen// **IA Install all Components**

You will see several prompts, for all new entries you will choose **I to Install**

For components that already exists but the packed component is different, you will choose **S to Skip**.

You will be prompted to install the reminder dialog components– You will choose to install all even though some components may have an X to indicate that they exist.

Packed reminder dialog: VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NO

Item	Seq.	Dialog Findings	Type	Exists		
1		VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE	dialog			
2	10	VA-GP AGS MEDICATION REVIEW NOTE CRITERIA HEADER Finding: *NONE*	group			
3	10.10	VA-AGS MEDICATION REVIEW NOTE HEADER INFORMATION Finding: *NONE*	element			
4	10.15	VA-AGS MEDICATION REVIEW NOTE CRITERIA URL Finding: *NONE*	element			
5	10.20	VAL-AGS MEDICATION REVIEW NOTE PT INFO Finding: *NONE*	element			
6	15	BLANK LINE DIALOG & NOTE (DO NOT MODIFY) Finding: *NONE*	group	X		
+ + Next Screen - Prev Screen ?? More Actions						
DD	Dialog	Details	DT	Dialog Text	IS	Install Selected
DF	Dialog	Findings	DU	Dialog Usage	QU	Quit
DS	Dialog	Summary	IA	Install All		
Select Action: Next Screen// IA						

At the **Select Action** prompt, type **IA** to install the dialog – **VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE**

Select Action: Next Screen// **IA Install All**

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

Item	Seq.	Dialog Findings	Type	Exists		
1		VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE	dialog	X		
2	10	VA-GP AGS MEDICATION REVIEW NOTE CRITERIA HEADER Finding: *NONE*	group	X		
3	10.10	VA-AGS MEDICATION REVIEW NOTE HEADER INFORMATION Finding: *NONE*	element	X		
4	10.15	VA-AGS MEDICATION REVIEW NOTE CRITERIA URL Finding: *NONE*	element	X		
5	10.20	VAL-AGS MEDICATION REVIEW NOTE PT INFO Finding: *NONE*	element	X		
6	15	BLANK LINE DIALOG & NOTE (DO NOT MODIFY) Finding: *NONE*	group	X		
+ + Next Screen - Prev Screen ?? More Actions						
DD	Dialog	Details	DT	Dialog Text	IS	Install Selected
DF	Dialog	Findings	DU	Dialog Usage	QU	Quit
DS	Dialog	Summary	IA	Install All		
Select Action: Next Screen// Q						

After completing this dialog install, you will type Q.

```

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION REVIEW NOTE

REMINDER TERM
  VA-REMINDER UPDATE_2_0_409
Non-exchangeable TIU object(s):
-----
TIU Object: PATIENT AGE
Object Method: S X=$$AGE^TIULO(DFN)

+      + Next Screen  - Prev Screen  ?? More Actions  >>>
IA  Install all Components          IS  Install Selected Component
Select Action: Next Screen// Q

```

You will then be returned to this screen. At the **Select Action** prompt, type **Q**.

Install complete.

Post Installation

1. Map local objects identified during pre-installation to the following elements and group.

- a. Group: VAL-GP AGS MEDICATION REVIEW NOTE CURRENT MEDS LIST

```

NAME: VAL-GP AGS MEDICATION REVIEW NOTE CURRENT MEDS LIST
DISABLE: <enter>
CLASS: LOCAL// <enter>
SPONSOR: OFFICE OF GERIATRIC EXTENDED CARE// <enter>
REVIEW DATE: <enter>
RESOLUTION TYPE: <enter>
ORDERABLE ITEM: <enter>
FINDING ITEM: <enter>

```

```

Additional findings: none
Select ADDITIONAL FINDING: <enter>
GROUP CAPTION: <enter>
PUT A BOX AROUND THE GROUP: <enter>
SHARE COMMON PROMPTS: <enter>
MULTIPLE SELECTION: <enter>
HIDE/SHOW GROUP: SHOW// <enter>
GROUP HEADER DIALOG TEXT:
Current Medication:\\
**Insert current active medications object here**

```

```
Edit? NO// YES
```


==[WRAP]==[INSERT]==< GROUP HEADER DIALOG TEX[Press <PF1>H for help]====
Current Medication:\\
****Insert current active medications object here****

Replace the red text with local object for current active medications.

Repeat the steps above for the following and enter appropriate objects.

- a. Element: VAL-AGS MED REVIEW ALT OBJECT
- b. Element: VAL-AGS MED REVIEW BMP OBJECT
- c. Element: VAL-AGS MED REVIEW HCT OBJECT
- d. Element: VAL-AGS MED REVIEW HGB OBJECT
- e. Element: VAL-AGS MED REVIEW HGBA1C OBJECT
- f. Element: VAL-AGS MEDICATION REVIEW NOTE LABS CREATININE
- g. Group: VAL-AGS MED REVIEW LIPID PANEL OBJECT
- h. Group: VAL-GP AGS MEDICATION REVIEW NOTE ALLERGIES
- i. Group: VAL-GP AGS MEDICATION REVIEW NOTE CRITERIA INTERVENT

2. Three groups exist that can be modified locally. The groups are listed below along with the location in the dialog. Enable the group and add local objects, orders, or other content as desired by the end users.

- a. VAL-GP AGS MED REVIEW MED CONCERNS LOCAL SECTION
- b. VAL-AGS MED REVIEW CRITERIA HIGH RISK LOCAL SECTION
- c. VAL-GP AGS MED REVIEW INTERVENTIONS FOR ED LOCAL SECTION

3. Make the Dialogs able to be attached to a Personal/Shared template or to a progress note title.

A. From the Reminders Manager Menu:

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

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

Select CPRS Reminder Configuration Option: **TIU** TIU Template Reminder Dialog
Parameter

Reminder Dialogs allowed as Templates may be set for the following:

- 1 User USR [choose from NEW PERSON]
- 3 Service SRV [choose from SERVICE/SECTION]
- 4 Division DIV [choose from INSTITUTION]
- 5 System SYS [NATREM.FO-SLC.MED.VA.GOV]

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

B. Setting Reminder Dialogs allowed as Templates for System:

Select Display Sequence: **?**

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

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

Select Display Sequence: **150**

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

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

Clinical Reminder Dialog: **VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION**

REVIEW NOTE

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

4. Create the ED GERIATRICS AGS MEDICATION REVIEW Note title.

Title: **ED GERIATRICS AGS MEDICATION REVIEW**

VHA Enterprise Standard Title: **EMERGENCY DEPT NOTE**

5. Associate the reminder dialogs with the note titles in CPRS

- A. Go to **Template Editor**, then **Document Titles**, select the appropriate folder (if applicable), and choose **New Template** (top right-hand corner).

Type in the following information:

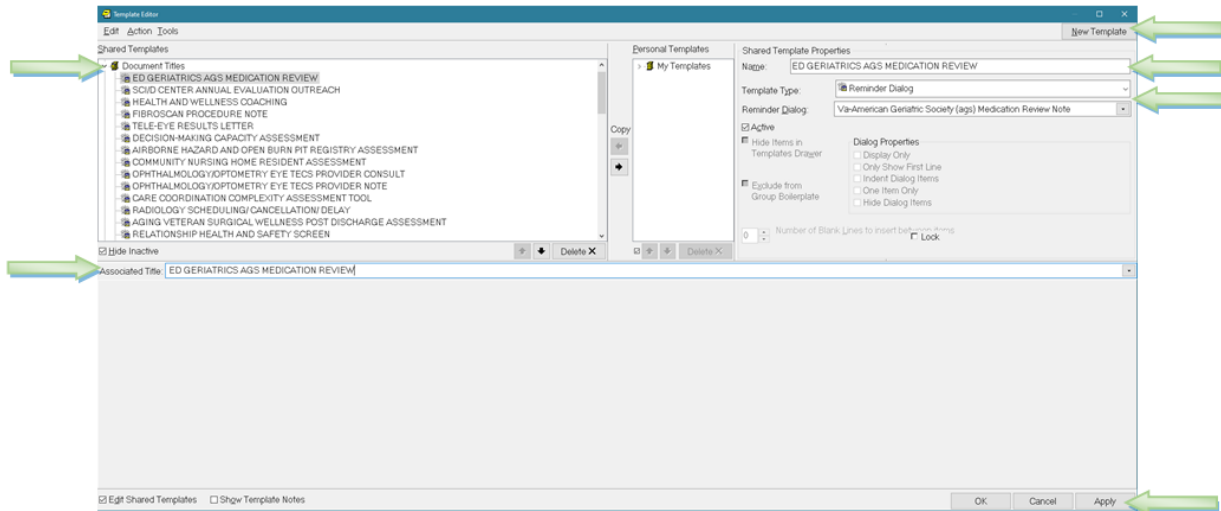
Name: **ED GERIATRICS AGS MEDICATION REVIEW**

Template Type: **Reminder Dialog**

Reminder Dialog: **VA-AMERICAN GERIATRIC SOCIETY (AGS) MEDICATION**

REVIEW NOTE

Next, type in the Associated Title, which in this case is **ED GERIATRICS AGS MEDICATION REVIEW** and SELECT Apply.



NOTE: 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: Affected Service

Affected Service: VistA – CPRS: Clinical Reminders

Assignment Group: NTL SUP Clin 2