



Update_2_0_487

Clinical Reminders

**VA-PGX (PHASER) TEMPLATE UPDATE
Install Guide**

February 2025

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

The VA Pharmacogenomic Testing for Veterans (PHASER) Program has recently made available to select VA locations an 18-gene pharmacogenomics (PGx) panel from another outside laboratory testing vendor. Furthermore, our existing PGx testing vendor is updating their PGx panel to cover 16 genes, rather than updating to the previous expansion plan for a 15-gene panel. The Pharmacogenomic Note Template must be updated to accommodate the PGx results returned under these two PGx panels. We are also making minor modifications as outlined below to improve instructions and functionality based on feedback from end-users.

The following is a summary of changes to the current version of the Pharmacogenomic Note Template, which is reminder dialog VA-PHARMACOGENOMIC TESTING FOR VETERANS

- 18-gene panel availability: Adding ability to record results for newly available “18 gene panel” from Fulgent Lab’s “Focus PGx Panel”
 - Adding 5 new genes & their related phenotypes to results data entry section of the note template.
 - BCHE
 - HLA-B*15:02
 - HLA-B*27:01
 - NAT2
 - RYR1
 - Creating new Health Factors for the new genes/phenotypes
- 16-gene panel availability: Changing “15-gene panel” results section to “16-genes” instead as Sanford Imagenetics Lab will be including another gene in a coming update to their basic “Pharmacogenomics Panel”. (Sanford Labs never took their “15-gene PGx panel” live.)
 - Creating new “16-gene” Health Factor
- Adding newly available phenotype for existing genes: CYP4F2, G6PD, and NUDT15
- In the testing results data entry portion of the template, demoting from visibility unused phenotypes for select genes. We had prepared for the potential return of these phenotypes, but our outside reference labs have now confirmed these will not be returned.
 - TPMT – three unreported phenotypes
 - VKORC1 – six unreported phenotypes
- Changing how “IFNL3” is listed in the template and note created to instead read “IFNL3/IFNL4” as the scientific community and reference labs have shifted their nomenclature over time as it relates to this gene name. No change to “INFL3” Health Factor names.
- Modifying the guidance on how to find in VistA Imaging the uploaded PDF of the PGx results report.

- Added the word “interpretation” in reference to “test results” in the PGx results note created.
- Shifting to flag availability of previously documented PGx test results. We used to flag if the patient had previously consented to PGx testing but found that was potentially providing a false understanding PGx testing had already been conducted.

PHASER VA Provider information and Site Deployment Materials: REDACTED SITE(only accessible within the VA firewall).

PHASER public website: www.cancer.va.gov/phaser.asp

UPDATE_2_0_487 contains 1 Reminder Exchange entry:

UPDATE_2_0_487 VA-PGX (PHASER) TEMPLATE UPDATE

The exchange file contains the following components:

TIU TEMPLATE FIELD

VA-PGX DATE REQ
 VA-PGX EB 40R
 VA-PHASER SHAREPOINT
 VA-PGX BLANK SPACE
 VA-PHASER HERITABLE DX

HEALTH FACTORS

VA-REMINDER UPDATES [C]
 VA-UPDATE_2_0_487
 VA-PGX GENE TESTING [C]
 VA-PGX IFNL3 UNINFORMATIVE
 VA-PGX IFNL3 UNFAVORABLE
 VA-PGX IFNL3 FAVORABLE
 VA-PGX RYR1 UNINFORMATIVE
 VA-PGX RYR1 MALIGNANT HYPERTHERMIA SUSCEPTIBILIT
 VA-PGX RYR1 UNCERTAIN SUSCEPTIBILITY MALIGNANT HYPERTHERMIA
 VA-PGX NAT2 UNINFORMATIVE
 VA-PGX NAT2 POOR METABOLIZER
 VA-PGX NAT2 INTERMEDIATE METABOLIZER
 VA-PGX NAT2 NORMAL METABOLIZER
 VA-PGX HLA-B*57:01 UNINFORMATIVE
 VA-PGX HLA-B*57:01 NEGATIVE
 VA-PGX HLA-B*57:01 POSITIVE
 VA-PGX HLA-B*15:02 UNINFORMATIVE
 VA-PGX HLA-B*15:02 NEGATIVE
 VA-PGX HLA-B*15:02 POSITIVE
 VA-PGX G6PD OTHER ABNORMAL FUNCTION
 VA-PGX G6PD DECREASED OR POOR FUNCTION

VA-PGX G6PD DECREASED OR NORMAL FUNCTION
VA-PGX G6PD UNINFORMATIVE
VA-PGX G6PD POOR FUNCTION
VA-PGX G6PD DECREASED FUNCTION
VA-PGX G6PD NORMAL FUNCTION
VA-PGX NUDT15 POSS IM METABOLIZER
VA-PGX NUDT15 UNINFORMATIVE
VA-PGX NUDT15 POOR METABOLIZER
VA-PGX NUDT15 INTERMEDIATE METABOLIZER
VA-PGX NUDT15 NORMAL METABOLIZER
VA-PGX UGT1A1 UNINFORMATIVE
VA-PGX UGT1A1 POOR METABOLIZER
VA-PGX UGT1A1 INTERMEDIATE METABOLIZER
VA-PGX UGT1A1 NORMAL METABOLIZER
VA-PGX CYP4F2 NORMAL FUNCTION
VA-PGX CYP4F2 ALTERED FUNCTION
VA-PGX CYP4F2 UNINFORMATIVE
VA-PGX CYP2B6 RAPID OR NORMAL METABOLIZER
VA-PGX CYP2B6 UNINFORMATIVE
VA-PGX CYP2B6 POOR METABOLIZER
VA-PGX CYP2B6 INTERMEDIATE METABOLIZER
VA-PGX CYP2B6 NORMAL METABOLIZER
VA-PGX CYP2B6 RAPID METABOLIZER
VA-PGX CYP2B6 ULTRARAPID METABOLIZER
VA-PGX BCHE UNINFORMATIVE
VA-PGX BCHE SEVERE DEFICIENCY
VA-PGX BCHE OTHER ABNORMAL ACTIVITY
VA-PGX BCHE NEUTRAL ACTIVITY
VA-PGX BCHE MILD DEFICIENCY
VA-PGX BCHE MODERATE DEFICIENCY
VA-PGX VKORC1 UNINFORMATIVE
VA-PGX VKORC1 HIGH WARFARIN SENS
VA-PGX VKORC1 INTERMED WARFARIN SENS
VA-PGX VKORC1 NORMAL WARFARIN SENS
VA-PGX TPMT PROVISIONAL POOR METABOLIZER
VA-PGX TPMT PROVISIONAL INTERMED METABOLIZER
VA-PGX TPMT POSSIBLE INTERMED METABOLIZER
VA-PGX TPMT IM OR POOR METABOLIZER
VA-PGX TPMT UNINFORMATIVE
VA-PGX TPMT POOR METABOLIZER
VA-PGX TPMT INTERMED METABOLIZER
VA-PGX TPMT NORMAL METABOLIZER
VA-PGX SLCO1B1 INCREASED FUNCTION
VA-PGX SLCO1B1 UNINFORMATIVE

VA-PGX SLCO1B1 POOR FUNCTION
VA-PGX SLCO1B1 DECREASED FUNCTION
VA-PGX SLCO1B1 NORMAL FUNCTION
VA-PGX DPYD UNINFORMATIVE
VA-PGX DPYD POOR METABOLIZER
VA-PGX DPYD INTERMED METABOLIZER
VA-PGX DPYD NORMAL METABOLIZER
VA-PGX CYP3A5 UNINFORMATIVE
VA-PGX CYP3A5 POOR METABOLIZER
VA-PGX CYP3A5 INTERMED METABOLIZER
VA-PGX CYP3A5 NORMAL METABOLIZER
VA-PGX CYP2D6 POSS IM OR UR METABOLIZER
VA-PGX CYP2D6 POOR OR INTERMED METABOLIZER
VA-PGX CYP2D6 UR OR NORM METABOLIZER
VA-PGX CYP2D6 NM IM OR UR METABLZR
VA-PGX CYP2D6 IM OR NORM METABOLIZER
VA-PGX CYP2D6 UNINFORMATIVE
VA-PGX CYP2D6 POOR METABOLIZER
VA-PGX CYP2D6 INTERMED METABOLIZER
VA-PGX CYP2D6 NORMAL METABOLIZER
VA-PGX CYP2D6 ULTRARAPID METABOLIZER
VA-PGX CYP2C9 POSS PM METABOLIZER
VA-PGX CYP2C9 POSS IM METABOLIZER
VA-PGX CYP2C9 UNINFORMATIVE
VA-PGX CYP2C9 POOR METABOLIZER
VA-PGX CYP2C9 INTERMED METABOLIZER
VA-PGX CYP2C9 NORMAL METABOLIZER
VA-PGX CYP2C19 LIKELY POOR METABOLIZER
VA-PGX CYP2C19 LIKELY INTERMED METABOLIZER
VA-PGX CYP2C19 UNINFORMATIVE
VA-PGX CYP2C19 POOR METABOLIZER
VA-PGX CYP2C19 INTERMED METABOLIZER
VA-PGX CYP2C19 NORMAL METABOLIZER
VA-PGX CYP2C19 RAPID METABOLIZER
VA-PGX CYP2C19 ULTRARAPID METABOLIZER
VA-PGX 18 GENE PANEL
VA-PGX 8 GENE PANEL
VA-PGX CYP2C UNINFORMATIVE
VA-PGX CYP2C HIGH SENSITIVITY
VA-PGX CYP2C LOW SENSITIVITY
VA-PGX ABCG2 UNINFORMATIVE
VA-PGX ABCG2 POOR FUNCTION
VA-PGX ABCG2 DECREASED FUNCTION
VA-PGX ABCG2 NORMAL FUNCTION

VA-PGX 16 GENE PANEL
VA-PGX 11 GENE PANEL
VA-PGX FOLLOW UP LATER
VA-PGX DECLINE OTHER CONCERN
VA-PGX DECLINE NO INTEREST
VA-PGX DECLINE MED CONCERN
VA-PGX DECLINE TESTING CONCERN
VA-PGX DECLINE PRIVACY CONCERN
VA-PGX TESTING DECLINED
VA-PGX TESTING ACCEPTED
VA-PGX PROVIDER EDUCATION
VA-PGX 15 GENE PANEL

REMINDER SPONSOR

VHA ONCOLOGY
VHA PHARMACY BENEFITS MANAGEMENT

REMINDER TERM

VA-REMINDER UPDATE_2_0_487
VA-PGX AUTHORIZED STAFF

REMINDER DEFINITION

VA-BL PGX PREVIOUS 8 GENE PANEL
VA-BL PGX PREVIOUS 11 GENE PANEL
VA-BL PGX PREVIOUS 15 GENE PANEL
VA-BL PGX PREVIOUS 16 GENE PANEL
VA-BL PGX PREVIOUS 18 GENE PANEL

REMINDER DIALOG

VA-PHARMACOGENOMIC TESTING FOR VETERANS

Pre-Install

1. For sites who are current NPP PHASER participants:
 - a. do an inquiry on the following element and take note of the quick order/order menu name used for ordering the lab test(s): VA-EL PHASER ORDER PT AGREES
 - b. do an inquiry to the reminder term VA-PGX AUTHORIZED STAFF and keep this information in case it is needed post-install.
2. To review the engagement status of your location, visit REDACTED SITE

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://REDACTED/UPDATE_2_0_487.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 5 minutes.

Install Example

If your site is unable to use LWH functionality, use VistA mail to install the exchange file.

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

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:

https://REDACTED/UPDATE_2_0_487.PRD

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

Search for and locate a reminder exchange entry named **UPDATE_2_0_487 VA-PGX (PHASER) TEMPLATE UPDATE**

+Item	Entry	Source	Date Packed
625	UPDATE_2_0_487 VA-PGX (PHASER) TEMPLATE UPDATE		
626	UPDATE_2_0_49 VA-SUICIDE BEHAVIOR AND OVERDOSE REPORT		
627	UPDATE_2_0_5 MISC UPDATE 1		
628	UPDATE_2_0_50 DEPRESSION MONITORING		
629	UPDATE_2_0_50 DEPRESSION MONITORING		
630	UPDATE_2_0_51 VA-DOD HOSPITAL		
+ + 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 (1-810): 625			

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
 Enter the number that corresponds with your entry titled **UPDATE_2_0_487 VA-PGX (PHASER) TEMPLATE UPDATE** (in this example it is entry 625, it will vary by site). The Date Packed should read 10/29/2024.

```

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-PHARMACOGENOMIC TESTING FOR VETERANS

REMINDER TERM
  VA-REMINDER UPDATE_2_0_487

Keywords:

Components:

+    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**

During the installation, you will see several prompts:

You will **Install (I)** all new components

For Reminder Term **VA-PGX AUTHORIZED STAFF** – skip this component

Overwrite (O) any other existing components

You will then be prompted to install the dialog component

```
Packed reminder dialog: VA-PHARMACOGENOMIC TESTING FOR VETERANS [NATIONAL DIALOG
Item  Seq. Dialog Findings                                     Type  Exists
  1    VA-PHARMACOGENOMIC TESTING FOR VETERANS                dialog  X
  2    10 VA-PHASER NOTE VERSION                               element  X
      Finding: *NONE*
  3    20 VA-GP PHASER CONSENT/ORDER AND TEST RESULTS         group   X
      Finding: *NONE*
  4    20.10 VA-GP PHASER CONSENT AND ORDER PLACEHOLDER      group   X
      Finding: *NONE*
  5    20.10.20 VA-GP PHASER CONSENT AND ORDER INITIAL*       group   X
      Finding: *NONE*
  6    20.10.20.10 VA-GP PHASER CONSENT DISCUSSED            group   X
      Finding: VA-PGX PROVIDER EDUCATION (HEALTH FACTOR)
  7    PXRМ VISIT DATE FORCED TODAY                           forced  X
  8    20.10.20.10.10 VA-EL PHASER ORDER PT AGREES           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// IA
```

At the prompt for “Install reminder dialog and all components with no further changes”, Select Y

Once you have Installed the dialog, you will be returned to this screen

```
Packed reminder dialog: VA-PHARMACOGENOMIC TESTING FOR VETERANS [NATIONAL DIALOG
VA-PHARMACOGENOMIC TESTING FOR VETERANS (reminder dialog) installed from exchange
Item  Seq. Dialog Findings                                     Type  Exists
  1    VA-PHARMACOGENOMIC TESTING FOR VETERANS                dialog  X
  2    10 VA-PHASER NOTE VERSION                               element  X
      Finding: *NONE*
  3    20 VA-GP PHASER CONSENT/ORDER AND TEST RESULTS         group   X
      Finding: *NONE*
  4    20.10 VA-GP PHASER CONSENT AND ORDER PLACEHOLDER      group   X
      Finding: *NONE*
  5    20.10.20 VA-GP PHASER CONSENT AND ORDER INITIAL*       group   X
      Finding: *NONE*
  6    20.10.20.10 VA-GP PHASER CONSENT DISCUSSED            group   X
      Finding: VA-PGX PROVIDER EDUCATION (HEALTH FACTOR)
  7    PXRМ VISIT DATE FORCED TODAY                           forced  X
  8    20.10.20.10.10 VA-EL PHASER ORDER PT AGREES           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
```

Type Q to exit the install of the dialog component

You will then see this screen and will type Q to exit the install

```
Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-PHARMACOGENOMIC TESTING FOR VETERANS

REMINDER TERM
  VA-REMINDER UPDATE_2_0_487

Keywords:

Components:

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

Type Q to exit the install

Note: If your site is NOT a participating PHASER site, you do not need to proceed to the Post Install steps. No further action is needed. Go to REDACTED to check your site’s PHASER participation status.

Post Installation

1. **Look at the reminder term VA-PGX AUTHORIZED STAFF.** Compare with your inquiry from pre-install and re-map the User Class if necessary. If you SKIPPED this term during install, there should be no changes that need to be made.
2. **To accommodate future PGx panel availability,** all current PHASER sites are to create an order menu where current and future PGx orders can be placed. This menu will be used in the PHARMACOGENOMICS NOTE template and on order menus in CPRS where appropriate. Integrated sites: Follow the steps below to create a new order menu and *ensure that the quick orders for all sites are added to the new menu.*

A. Create a new hyperlink template field for the PGx Clinicians SharePoint.

In CPRS, navigate to Template Field Editor and click “New” (upper right-hand corner). Fill out the fields as shown below.

Name: **VA-PGX CLINICIANS SP**
Type: **Hyperlink**
Default: **PGx Clinicians SharePoint**
Address:
REDACTED

Click “Apply” and “OK” to finish and exit Template Field Editor.

Screenshot of Template Field

IMAGE REMOVED/REDACTED

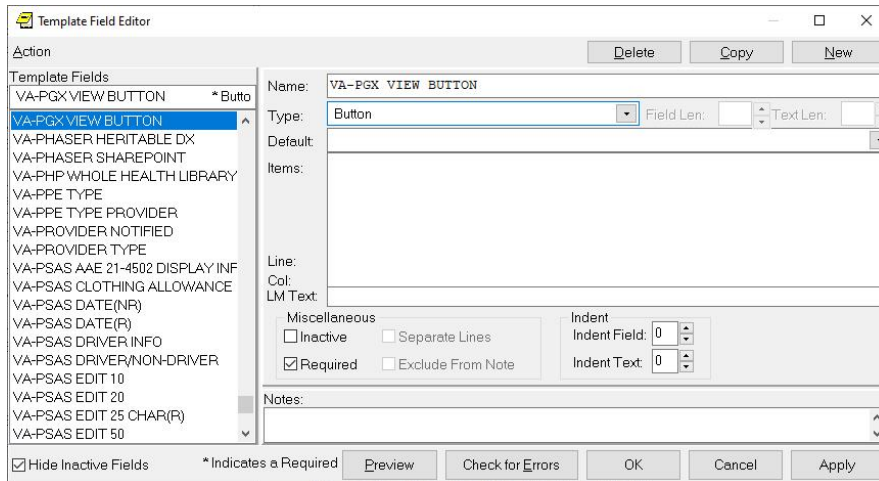
B. Create a new button template field.

In CPRS, navigate to Template Field Editor and click “New” (upper right-hand corner). Fill out the fields as shown below.

Name: **VA-PGX VIEW BUTTON**
Type: **Button**
Default: <leave this blank>
Items: <leave this blank>
Miscellaneous: Check the “**Required**” box

Click “Apply” and “OK” to finish and exit Template Field Editor.

Screenshot of Template Field



C. Create a new generic order for the PGx Clinicians SharePoint hyperlink.

From the Order Menu Management Option:

Select Order Menu Management Option: **GO** Enter/edit generic orders

Select ORDER DIALOG NAME: **DIA PGX VIEW CLINICIANS SHAREPOINT** (use facility's naming convention here)

Are you adding 'DIA PGX VIEW CLINICIANS SHAREPOINT' as a new ORDER DIALOG? No// **Y** (Yes)

DISPLAY GROUP: **OTHER HOSPITAL SERVICES**

ORDERABLE ITEM: **<enter>**

Do you wish to copy an existing order dialog? YES// **NO**

NAME: DIA PGX VIEW CLINICIANS SHAREPOINT Replace **<enter>**

DISPLAY TEXT: **PGx Clinicians SharePoint**

SIGNATURE REQUIRED: **<enter>**

VERIFY ORDER: **<enter>**

ASK FOR ANOTHER ORDER: **<enter>**

DESCRIPTION:

Edit? NO// Hit 'Y' to enter a description here if your facility does this; otherwise hit **<enter>**

DISPLAY GROUP: OTHER HOSPITAL SERVICES// **<enter>**

Select PROMPT: **1**

SEQUENCE: 1// **<enter>**

PROMPT: **OR GTX WORD PROCESSING 1** word processing

DISPLAY TEXT: **<enter>**

REQUIRED: **<enter>**

MULTIPLE VALUED: **<enter>**

ASK ON EDIT ONLY: **<enter>**

ASK ON ACTION: <enter>
HELP MESSAGE: <enter>

DEFAULT: Copy and Paste the yellow highlighted text exactly as shown below.

==[WRAP]==[INSERT]===== < DEFAULT >===== [Press <PF1>H for help]====
*{FLD:VA-PGX VIEW BUTTON} THIS IS A VIEW ONLY ORDER; IT CANNOT BE ACCEPTED

**** CANCEL OUT OF THIS SCREEN AFTER CLICKING ON HYPERLINK BELOW**

{FLD:VA-PGX CLINICIANS SP}

NumLock+E to exit this screen

<-----T-----T-----T-----T-----T-----T-----T-----T-----T>-----

ORDER TEXT SEQUENCE: 1// <enter>
FORMAT: <enter>
OMIT TEXT: <enter>
LEADING TEXT: <enter>
TRAILING TEXT: <enter>
START NEW LINE: <enter>
WORD-WRAP: <enter>

Select PROMPT: <enter>
Auto-accept this order? NO// <enter>

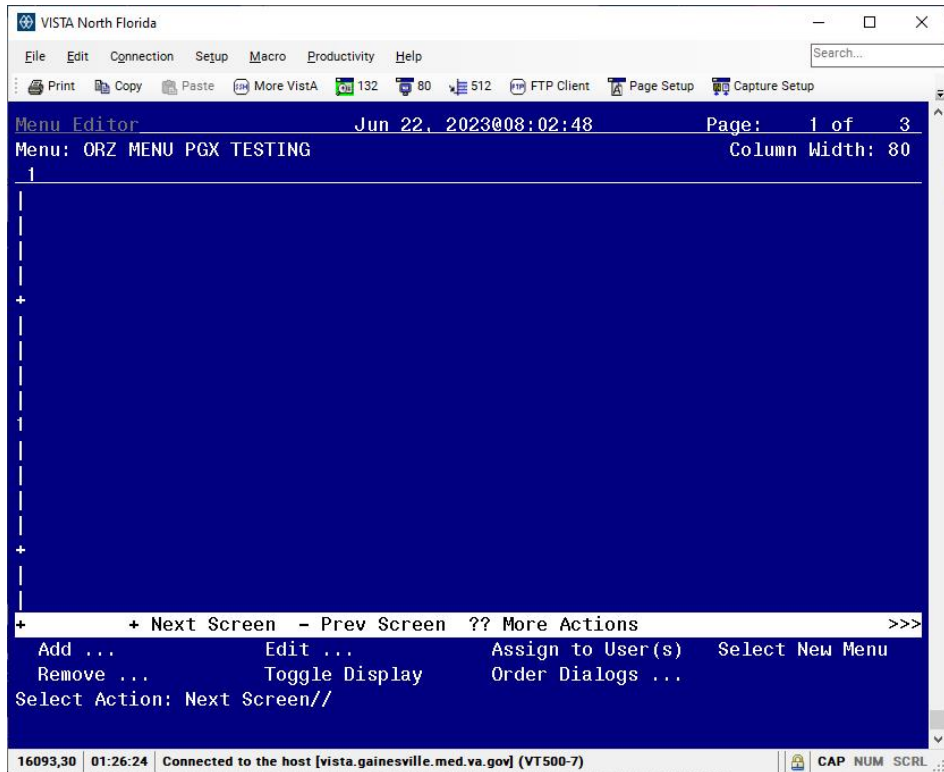
Do you want to test this dialog now? **N**

D. Create a new order menu for all PGx testing quick orders.

From the Order Menu Management Option:

Select Order Menu Management Option: **MN** Enter/edit order menus
Select ORDER MENU: **ORZ MENU PGX TESTING**
Are you adding 'ORZ MENU PGX TESTING' as
a new ORDER DIALOG? No// **Y** (Yes)
Do you wish to copy an existing menu? YES// **NO**
DISPLAY TEXT: **Pharmacogenomic (PGx) Testing Panel Menu**
DESCRIPTION:
Edit? NO// <enter>
COLUMN WIDTH: <enter>
MNEMONIC WIDTH: <enter>

PATH SWITCH: <enter>



```
+ + Next Screen - Prev Screen ?? More Actions >>>
Add ...      Edit ...      Assign to User(s) Select New Menu
Remove ...   Toggle Display Order Dialogs ...
Select Action: Next Screen// AD Add ...
```

```
+ + Next Screen - Prev Screen ?? More Actions >>>
Menu Items      Text or Header      Row
```

Add: **TEXT**
DISPLAY TEXT: **PHARMACOGENOMIC (PGx) TESTING PANEL MENU**
ROW: **2**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **** Choose PGx Testing Panel Below ****
ROW: **4**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **** NOTE ****

ROW: 11
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: Patient's oral informed consent to PGx testing must be obtained
ROW: 12
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: documented prior to ordering. Consent includes an explanation of the
ROW: 13
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: test's risks, benefits, limitations, and potential heritable disease
ROW: 14
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: implications. PGx test results may not be interpretable in recipients
ROW: 15
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: of a liver organ transplant or allogeneic bone marrow transplant.
ROW: 16
COLUMN: 1
HEADER: NO// YES

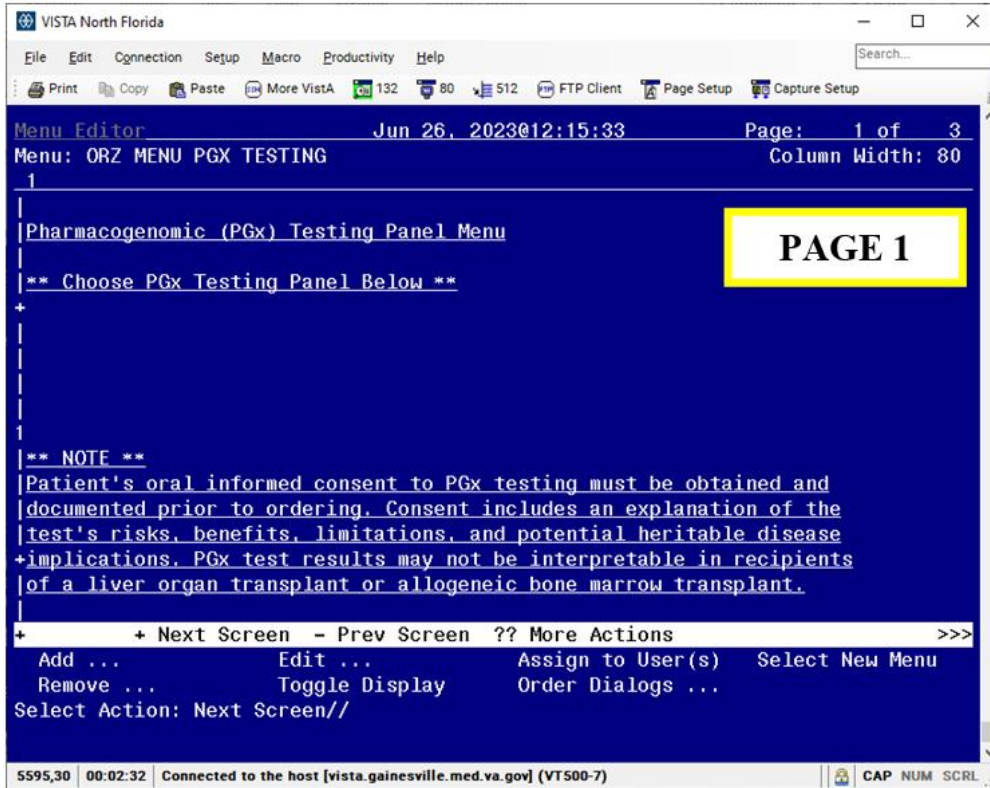
DISPLAY TEXT: The PHARMACOGENOMICS NOTE is available for easy documentation of
ROW: 18
COLUMN: 1
HEADER: NO// YES

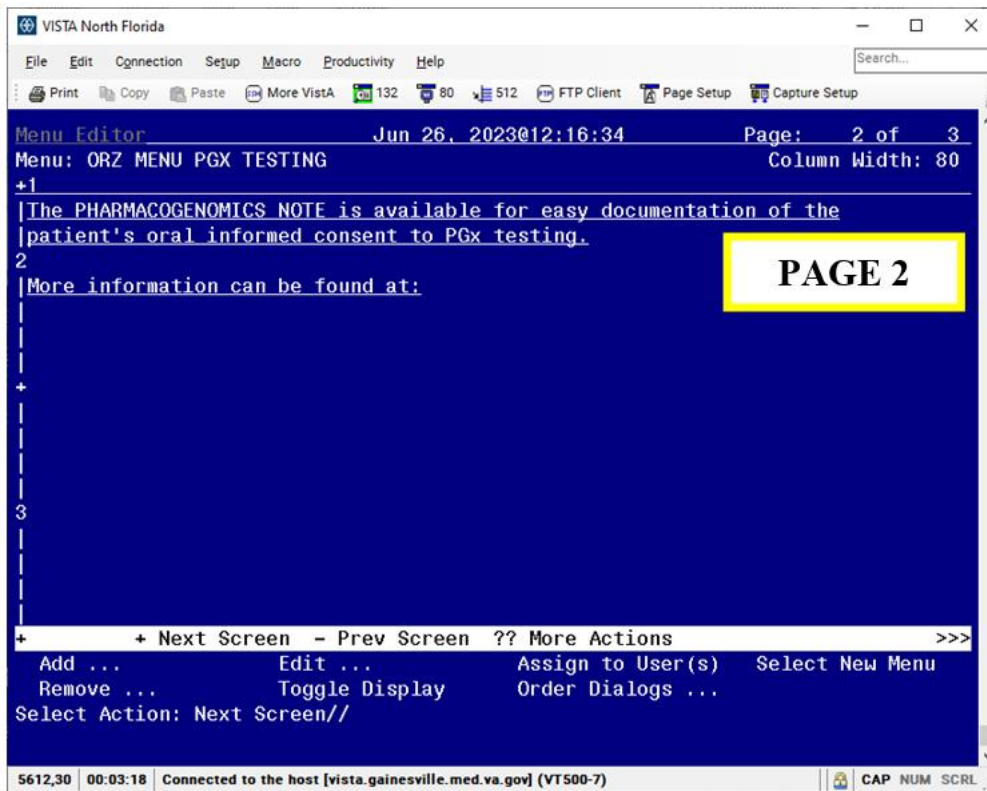
DISPLAY TEXT: the patient's oral informed consent to PGx testing.
ROW: 19
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: More information can be found at:
ROW: 21
COLUMN: 1
HEADER: NO// YES

DISPLAY TEXT: <enter>

Rebuilding menu display ...





E. Add all PGx test quick orders and the generic order to the new order menu.

In this demonstration, there are 2 PGx quick orders to add – one for Sanford and one for Fulgent. *You may only have one quick order at this time to add.* This will vary at each site; in most cases, the quick order identified in Pre-Install Step #1a will need to be added on this menu.

```
+ + Next Screen - Prev Screen ?? More Actions >>>
Add ...      Edit ...      Assign to User(s) Select New Menu
Remove ...   Toggle Display Order Dialogs ...
Select Action: Next Screen// AD Add ...
```

```
+ + Next Screen - Prev Screen ?? More Actions >>>
Menu Items      Text or Header      Row
```

Add: **M** Menu Items
 ITEM: **QUICK ORDER OF SANFORD PGX TEST HERE**
 ROW: **6**
 COLUMN: **1**

DISPLAY TEXT: **General Use (Sanford Imagenetics Lab)**
MNEMONIC: <enter>

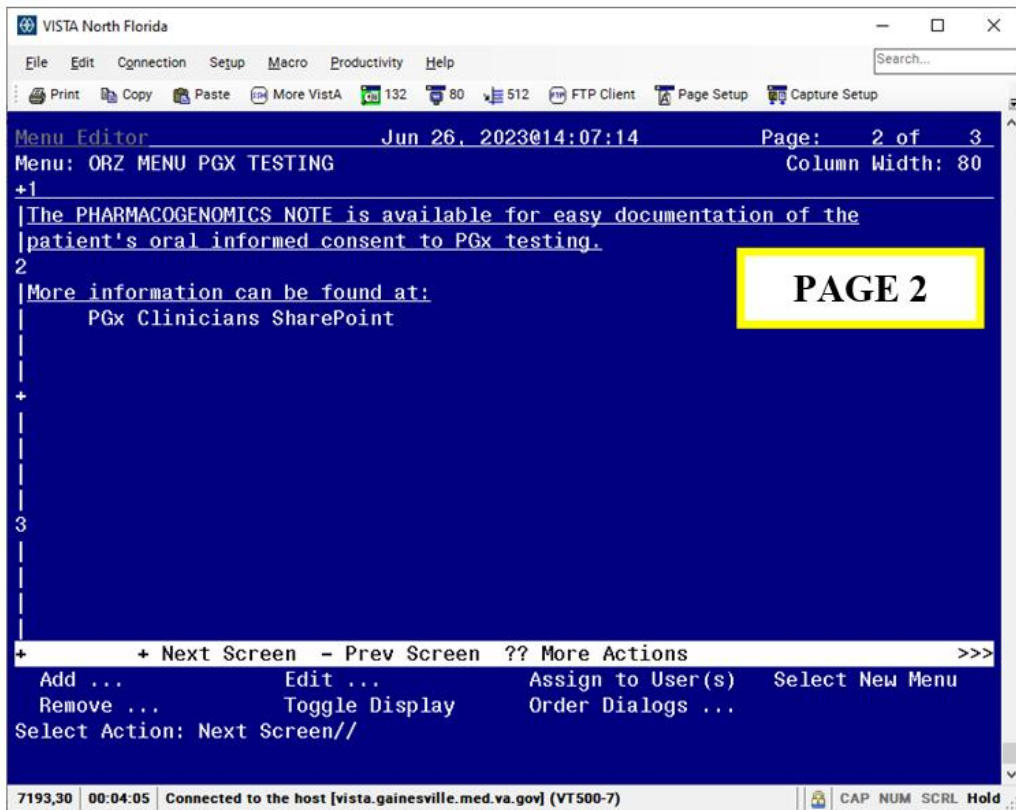
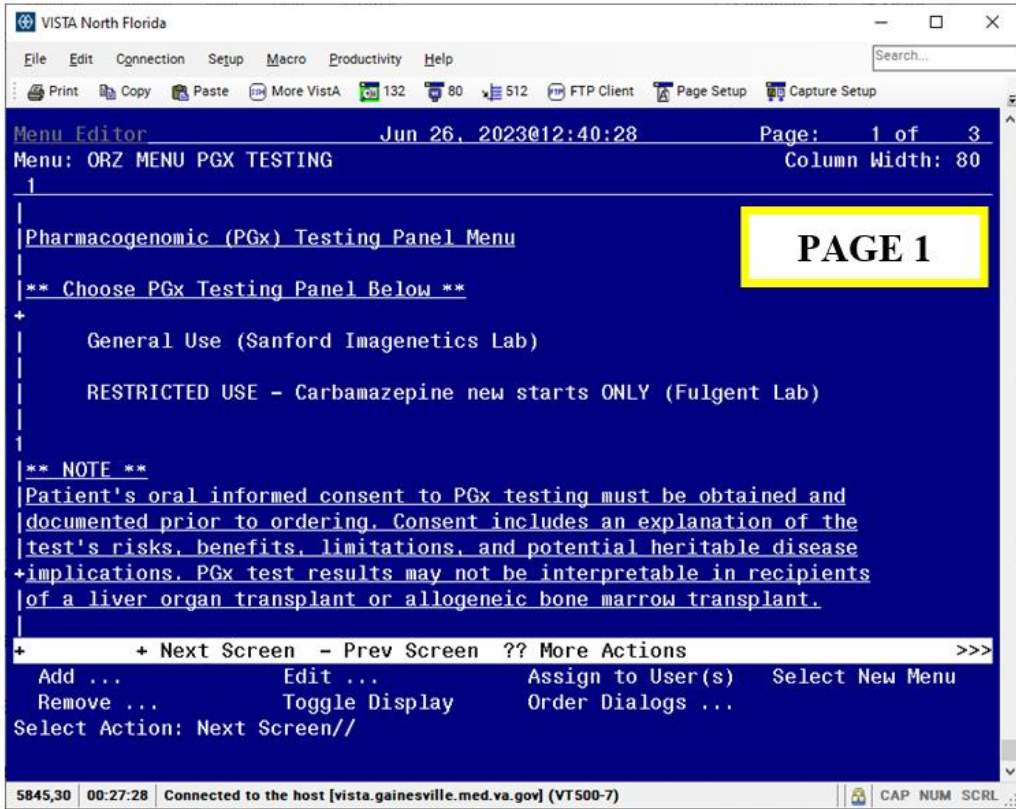
ITEM: **QUICK ORDER OF FULGENT PGX TEST HERE** (if your site offers this)
ROW: **8**
COLUMN: **1**
DISPLAY TEXT: **RESTRICTED USE - Carbamazepine new starts ONLY (Fulgent Lab)**
MNEMONIC: <enter>

ITEM: **DIA PGX VIEW CLINICIANS SHAREPOINT**
ROW: **22**
COLUMN: **1**
DISPLAY TEXT: <enter>
MNEMONIC: <enter>

ITEM: <enter>

Rebuilding menu display ...

See screenshots on next page.



Screenshot of Order Menu in CPRS

The screenshot shows a window titled "Pharmacogenomic (PGx) Testing Panel Menu" with a "Done" button in the top right corner. The main content area contains the following text:

Pharmacogenomic (PGx) Testing Panel Menu

**** Choose PGx Testing Panel Below ****

General Use (Sanford Imagenetics Lab)

RESTRICTED USE - Carbamazepine new starts ONLY (Fulgent Lab)

**** NOTE ****

Patient's oral informed consent to PGx testing must be obtained and documented prior to ordering. Consent includes an explanation of the test's risks, benefits, limitations, and potential heritable disease implications. PGx test results may not be interpretable in recipients of a liver organ transplant or allogeneic bone marrow transplant.

The PHARMACOGENOMICS NOTE is available for easy documentation of the patient's oral informed consent to PGx testing.

More information can be found at:

PGx Clinicians SharePoint

Screenshot of Generic Order (Hyperlink to SharePoint Site)

The screenshot shows a window titled "Reason for Request:" with standard window controls (minimize, maximize, close) in the top right corner. The main content area contains the following text:

Total Number of Required Fields without Values: 1

First < Prey Next > Last

**** THIS IS A VIEW ONLY ORDER; IT CANNOT BE ACCEPTED**

**** CANCEL OUT OF THIS SCREEN AFTER CLICKING ON HYPERLINK BELOW**

[PGx Clinicians SharePoint](#)

* Indicates a Required Field

Preview OK Cancel

3. To the element VA-EL PHASER ORDER PT AGREES, add the newly created order menu as an Additional Finding. DO NOT REMOVE the national health factor that is mapped.

Post-Installation for NEW PHASER sites (only needs to be done if site did not complete the post-install instructions from Update 334)

1. Make the dialog template available to be attached to a Personal or Shared template or to be able to attach the dialog to a progress note title.

From the Reminders Manager Menu:

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

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

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

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

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

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

Setting Reminder Dialogs allowed as Templates for System:

Select Display Sequence: **?**

148	VA-VETERANS CHOICE NOTE
149	VA-TBI SCREENING
151	VACO TRANSPLANT REFERRAL (D)

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 YES**

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

Clinical Reminder Dialog: **VA-PHARMACOGENOMIC TESTING FOR VETERANS**

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

2. Setup of Note Title

The new note title that needs to be created is:

PHARMACOGENOMICS NOTE

This note title is to be mapped to the following VHA Enterprise Standard Title:

HEMATOLOGY AND ONCOLOGY NOTE

Comprehensive information on Creating Document Definitions can be found beginning on page 53 of the [TIU/ASU Implementation Guide](#).

3. Associate the Reminder Dialog with the Note Title in CPRS

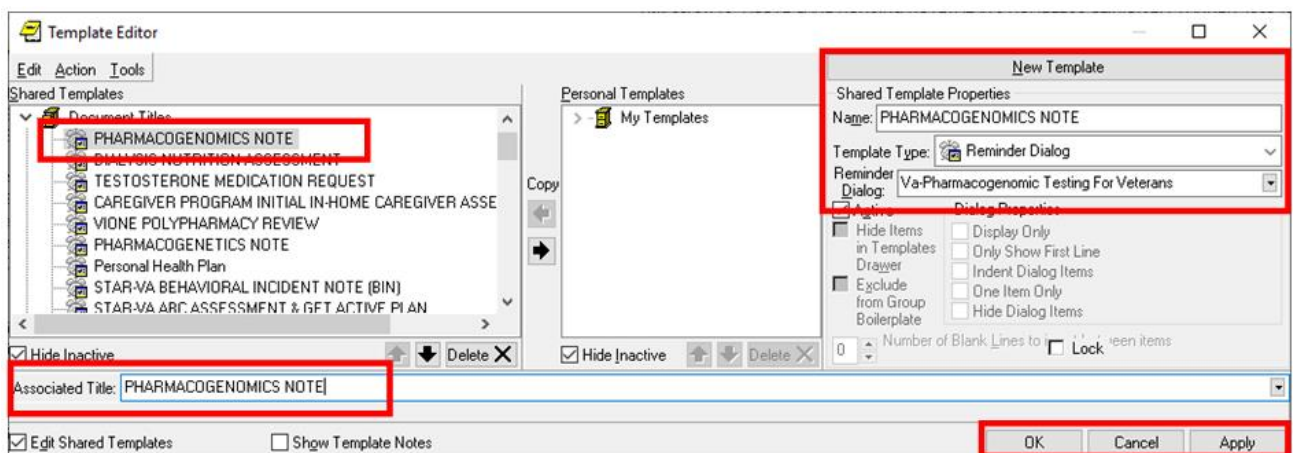
To do this, go to Template Editor, then Document Titles, select the appropriate folder (if applicable), and choose New Template (top right-hand corner).

Type in the following information:

Name: **PHARMACOGENOMICS NOTE**

Template Type: **Reminder Dialog**

Reminder Dialog: **VA-PHARMACOGENOMIC TESTING FOR VETERANS**



Next, type in the Associated Title, which in this case is **PHARMACOGENOMICS NOTE** and hit Apply.

For TECHNICAL questions regarding any of the remaining Post-Install steps, please contact:

Susan Rozelle (Susan.Rozelle@va.gov)

Russell Jacobitz (Russell.Jacobitz@va.gov)

4. Create a NEW User Class and Map User Class into Reminder Term

In the template, only trained personnel should be able to record lab panel results into patients' charts. To facilitate this, sites need to create a new user class called **PGX AUTHORIZED STAFF**.

After creating PGX AUTHORIZED STAFF, there is no need to assign local staff to the user class as the members are stationed with the NPP PHASER Program nationally. The trained members of this user group will be accessing your instance of VistA remotely via WebVRAM to enter lab results in patients' charts through the template.

Steps to Create User Class:

From User Class Management Menu:

--- User Class Management Menu ---

- 1 User Class Definition
- 2 List Membership by User
- 3 List Membership by Class
- 5 Manage Business Rules

Select User Class Management Option: **1** User Class Definition

Select User Class Status: ACTIVE// <enter> Active

Start With Class: FIRST// <enter>

Go To Class: LAST// <enter>

Searching for the User Classes.....

User Classes Apr 22, 2019@07:42:52 Page: 1 of 9

ACTIVE USER CLASSES 122 Classes

<u>Class Name</u>	<u>Abbrev</u>
1 ALLERGIST	ALLRG
2 ALLERGY & IMMUNOLOGY	ADR
3 ANESTHESIOLOGIST	ANES
4 ASSOCIATE CHIEF OF STAFF	ACOS
5 ATTENDING PHYSICIAN	ATT
6 AUDIOLOGIST	AUD
7 CARDIOLOGIST	CARD
8 CHAPLAIN	CHAP
9 +CHIEF RESIDENT	CR
10 CHIEF, MEDICAL SERVICE	CMED
11 CHIEF, MIS	CMIS


```

12 CHIEF, PSYCHIATRY SERVICE      CPSYCH
13 CHIEF, SURGICAL SERVICE        CSURG
14 CLINICAL CLERK                  CLCLRK
15 +CLINICAL COORDINATOR          CLPAC
+   + Next Screen - Prev Screen ?? More Actions
    Find          Expand/Collapse Class  Change View
    Create a Class      List Members      Quit
    Edit User Class
Select Action: Next Screen// CR Create a Class
Select CLASS: PGX AUTHORIZED STAFF
Are you adding 'PGX AUTHORIZED STAFF' as a new USR CLASS (the 126TH)? No// Y
NAME: PGX AUTHORIZED STAFF Replace <enter>
DISPLAY NAME: Pgx Authorized Staff Replace <enter>
ABBREVIATION: <enter>
ACTIVE: 1 Active
Select SUBCLASS: <enter> .....

```

**** You will not assign anyone to the newly created User Class at this time as the User Class assignment is being managed by the National Pharmacogenomics Program and National TelePGx administrative teams. ****

Map User Class into Reminder Term:

After creating the User Class, navigate to the Reminder Term **VA-PGX AUTHORIZED STAFF** and map the User Class into the Computed Finding Parameter of Finding #1 (VA-ASU USER CLASS).

By doing this, VistA will suppress the group VA-GP PHASER TEST RESULTS if the person using the template does *not* have the PGX AUTHORIZED STAFF User Class.

From Reminder Managers Menu:

```

CF          Reminder Computed Finding Management ...
RM          Reminder Definition Management ...
SM          Reminder Sponsor Management ...
TXM        Reminder Taxonomy Management
TRM       Reminder Term Management ...
LM          Reminder Location List Management ...
RX          Reminder Exchange
RT          Reminder Test
OS          Other Supporting Menus ...
INFO        Reminder Information Only Menu ...
DM          Reminder Dialog Management ...
CP          CPRS Reminder Configuration ...
RP          Reminder Reports ...
MST        Reminders MST Synchronization Management ...
PL          Reminder Patient List Menu ...
PAR        Reminder Parameters ...
VS          NLM Value Set Menu
ROC        Reminder Order Check Menu ...
CQM        NLM Clinical Quality Measures Menu
XM          Reminder Extract Menu ...

```

GEC GEC Referral Report

Select Reminder Managers Menu Option: **TRM** Reminder Term Management

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

Select Reminder Term Management Option: **TE** Add/Edit Reminder Term

Select Reminder Term: **VA-PGX AUTHORIZED STAFF** NATIONAL
...OK? Yes// <enter> (Yes)

Choose from:

CF VA-ASU USER CLASS Finding # 1
Select Finding: **1** VA-ASU USER CLASS

Computed Finding Description:

This multi-occurrence computed finding returns a list of the ASU User Classes that the user belongs to. The user is the person who is running the reminder evaluation or processing a reminder dialog.

Cont'd

.

Editing Finding Number: 1
FINDING ITEM: VA-ASU USER CLASS// <enter>
BEGINNING DATE/TIME: T// <enter>
ENDING DATE/TIME: T// <enter>
OCCURRENCE COUNT: <enter>
COMPUTED FINDING PARAMETER: **PGX AUTHORIZED STAFF**
CONDITION: <enter>
CONDITION CASE SENSITIVE: <enter>
USE STATUS/COND IN SEARCH: <enter>

Choose from:

CF VA-ASU USER CLASS Finding # 1
Select Finding: <enter>

Input your edit comments.

Edit? NO// <enter>

5. Create Laboratory Test Quick Order(s)

PGx lab panels are to be available for ordering through this template.

If your site offers more than one lab panel, create one quick order for each.

**** Lab personnel at your site will need to create the new lab test(s) before the quick orders can be created. Your Laboratory Information Manager (LIM) should reach out to Jennifer Chapman (PHASER Program Manager) at Jennifer.Chapman2@va.gov for guidance on creating the lab test(s). ****

Below are instructions for building the quick order(s).

Use your facility's naming convention for the order(s). Although the quick order can be set to auto-accept if desired, it is recommended to set this to 'no'. The following example demonstrates setting auto-accept to no.

From the Order Menu Management Option:

OI	Manage orderable items ...
PM	Enter/edit prompts
GO	Enter/edit generic orders
QO	Enter/edit quick orders
QU	Edit personal quick orders by user
ST	Enter/edit order sets
AC	Enter/edit actions
MN	Enter/edit order menus
AO	Assign Primary Order Menu
CP	Convert protocols
SR	Search/replace components
LM	List Primary Order Menus
DS	Disable/Enable order dialogs
CS	Review Quick Orders for Inactive ICD9 Codes
MR	Medication Quick Order Report
CA	Quick Order Mixed-Case Report
CO	Create Clinic Order QOs from Inpatient QOs
CV	Convert IV Inpatient QO to Infusion QO
DF	Quick Order Free-Text Report
FR	IV Additive Frequency Utility
SP	SUPPLY COVERSION UTILITY MENU ...

Select Order Menu Management Option: **QO** Enter/edit quick orders

Select QUICK ORDER NAME: **LRZ PGX PANEL ONCE SP AA** (use naming convention here)

Are you adding 'LRZ PGX PANEL ONCE SP AA' as a new ORDER DIALOG? No// **Y** (Yes)

TYPE OF QUICK ORDER: **LABORATORY**

NAME: LRZ PGX PANEL ONCE SP AA Replace <enter>

DISPLAY TEXT: **Pharmacogenomics Panel**

VERIFY ORDER: **NO**

DESCRIPTION:

Edit? NO// **Hit 'Y' to enter a description here if your facility does this; otherwise hit <enter>**

Lab Test: **Type in the name of the lab test here**

SEND TO LAB - Means the patient is ambulatory and will be sent to the Laboratory draw room to have blood drawn.

WARD COLLECT - Means that either the physician or a nurse will be collecting the sample on the ward.
LAB BLOOD TEAM - Means the phlebotomist from Lab will draw the blood on the ward. This method is limited to laboratory defined collection times.

SP Send patient to lab
WC Ward collect & deliver
LC Lab blood team

Collected By: **SP** Send patient to lab

Collection Sample: BLOOD // <enter>

Collection Date/Time: <enter>

Urgency: **ROUTINE** (can change to STAT according to facility's process)

How often: **ONCE**

Lab Test: Name of lab panel here
Collected By: Send patient to lab
Collection Sample: BLOOD
Specimen: BLOOD
Collection Date/Time: TODAY
How often: ONCE

(P)lace, (E)dit, or (C)ancel this quick order? PLACE// <enter>

Auto-accept this order? NO// <enter>

Repeat the steps above for additional PGx lab panels your site offers.

6. Create PGx Order Menu

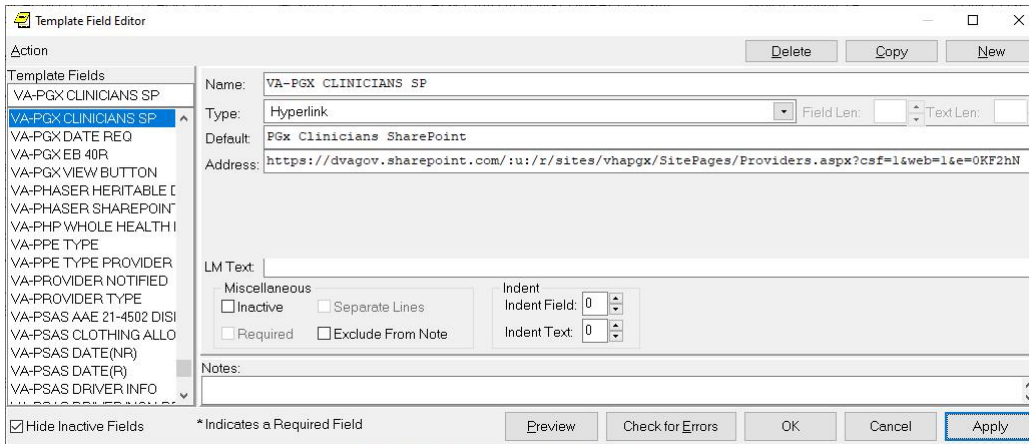
A. Create a new hyperlink template field for the PGx Clinicians SharePoint.

In CPRS, navigate to Template Field Editor and click "New" (upper right-hand corner). Fill out the fields as shown below.

Name: **VA-PGX CLINICIANS SP**
Type: **Hyperlink**
Default: **PGx Clinicians SharePoint**
Address: REDACTED

Click "Apply" and "OK" to finish and exit Template Field Editor.

[Screenshot of Template Field](#)



B. Create a new button template field.

In CPRS, navigate to Template Field Editor and click “New” (upper right-hand corner). Fill out the fields as shown below.

Name: **VA-PGX VIEW BUTTON**

Type: **Button**

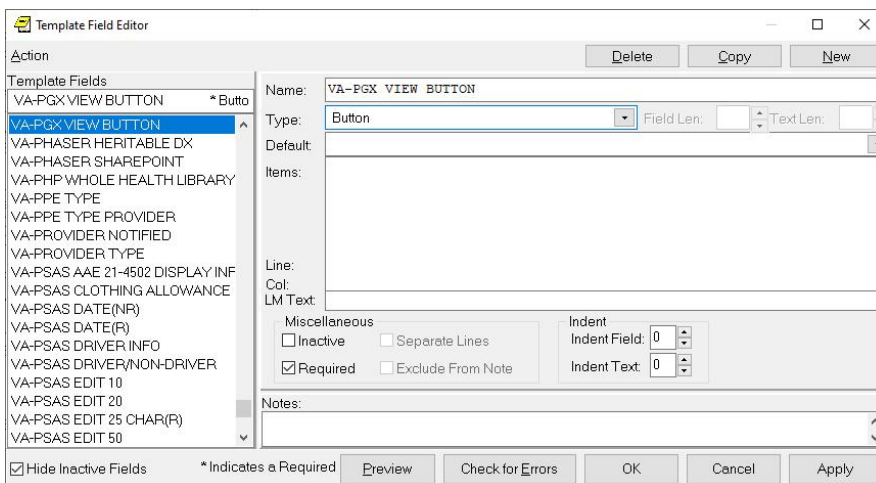
Default: <leave this blank>

Items: <leave this blank>

Miscellaneous: Check the “Required” box

Click “Apply” and “OK” to finish and exit Template Field Editor.

Screenshot of Template Field



C. Create a new generic order for the PGx Clinicians SharePoint hyperlink.

From the Order Menu Management Option:

Select Order Menu Management Option: **GO** Enter/edit generic orders
Select ORDER DIALOG NAME: **DIA PGX VIEW CLINICIANS SHAREPOINT** (use facility's naming convention here)

Are you adding 'DIA PGX VIEW CLINICIANS SHAREPOINT' as a new ORDER DIALOG? No// **Y** (Yes)

DISPLAY GROUP: **OTHER HOSPITAL SERVICES**

ORDERABLE ITEM: <enter>

Do you wish to copy an existing order dialog? YES// **NO**

NAME: DIA PGX VIEW CLINICIANS SHAREPOINT Replace <enter>

DISPLAY TEXT: **PGx Clinicians SharePoint**

SIGNATURE REQUIRED: <enter>

VERIFY ORDER: <enter>

ASK FOR ANOTHER ORDER: <enter>

DESCRIPTION:

Edit? NO// Hit 'Y' to enter a description here if your facility does this; otherwise hit <enter>

DISPLAY GROUP: OTHER HOSPITAL SERVICES// <enter>

Select PROMPT: **1**

SEQUENCE: 1// <enter>

PROMPT: **OR GTX WORD PROCESSING 1** word processing

DISPLAY TEXT: <enter>

REQUIRED: <enter>

MULTIPLE VALUED: <enter>

ASK ON EDIT ONLY: <enter>

ASK ON ACTION: <enter>

HELP MESSAGE: <enter>

DEFAULT: Copy and Paste the yellow highlighted text exactly as shown below.

==[WRAP]==[INSERT]===== < DEFAULT >===== [Press <PF1>H for help]=====

***{FLD:VA-PGX VIEW BUTTON} THIS IS A VIEW ONLY ORDER; IT CANNOT BE ACCEPTED**

**** CANCEL OUT OF THIS SCREEN AFTER CLICKING ON HYPERLINK BELOW**

{FLD:VA-PGX CLINICIANS SP}

NumLock+E to exit this screen

<====T=====T=====T=====T=====T=====T=====T=====T=====T>=====

ORDER TEXT SEQUENCE: 1// <enter>

FORMAT: <enter>

OMIT TEXT: <enter>
LEADING TEXT: <enter>
TRAILING TEXT: <enter>
START NEW LINE: <enter>
WORD-WRAP: <enter>

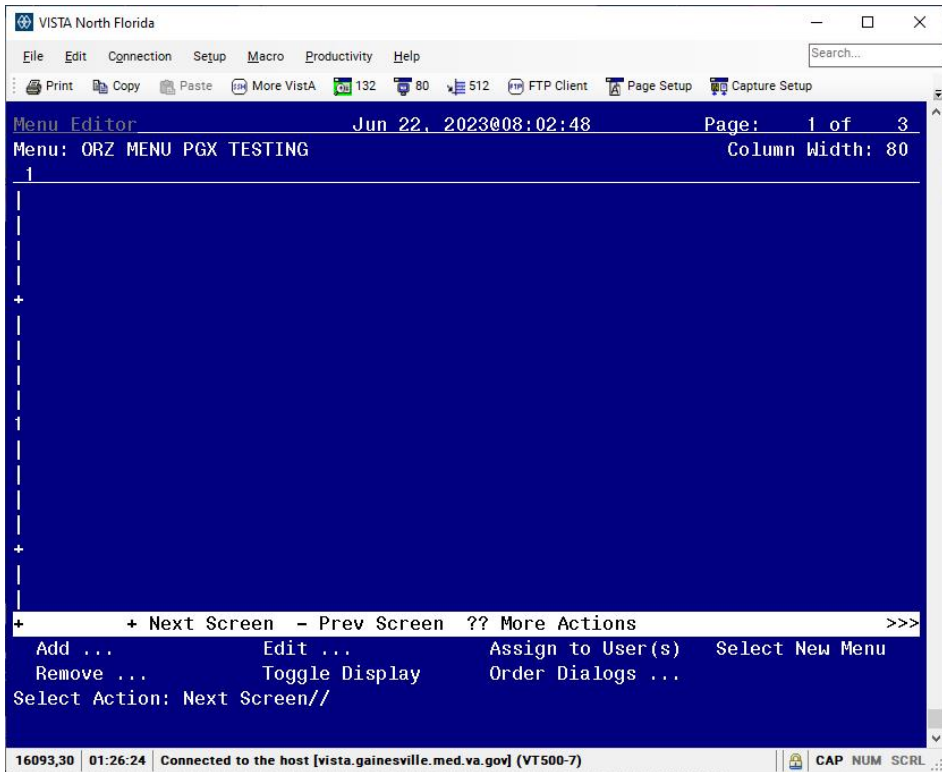
Select PROMPT: <enter>
Auto-accept this order? NO// <enter>

Do you want to test this dialog now? **N**

D. Create a new order menu for all PGx testing quick orders.

From the Order Menu Management Option:

Select Order Menu Management Option: **MN** Enter/edit order menus
Select ORDER MENU: **ORZ MENU PGX TESTING**
Are you adding 'ORZ MENU PGX TESTING' as
a new ORDER DIALOG? No// **Y** (Yes)
Do you wish to copy an existing menu? YES// **NO**
DISPLAY TEXT: **Pharmacogenomic (PGx) Testing Panel Menu**
DESCRIPTION:
Edit? NO// <enter>
COLUMN WIDTH: <enter>
MNEMONIC WIDTH: <enter>
PATH SWITCH: <enter>



```

+ + Next Screen - Prev Screen ?? More Actions >>>
Add ...      Edit ...      Assign to User(s) Select New Menu
Remove ...   Toggle Display Order Dialogs ...
Select Action: Next Screen// AD Add ...

```

```

+ + Next Screen - Prev Screen ?? More Actions >>>
Menu Items   Text or Header   Row

```

```

Add: TEXT
DISPLAY TEXT: PHARMACOGENOMIC (PGx) TESTING PANEL MENU
ROW: 2
COLUMN: 1
HEADER: NO// YES

```

```

DISPLAY TEXT: ** Choose PGx Testing Panel Below **
ROW: 4
COLUMN: 1
HEADER: NO// YES

```

```

DISPLAY TEXT: ** NOTE **
ROW: 11

```


COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **Patient's oral informed consent to PGx testing must be obtained**
ROW: **12**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **documented prior to ordering. Consent includes an explanation of the**
ROW: **13**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **test's risks, benefits, limitations, and potential heritable disease**
ROW: **14**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **implications. PGx test results may not be interpretable in recipients**
ROW: **15**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **of a liver organ transplant or allogeneic bone marrow transplant.**
ROW: **16**
COLUMN: **1**
HEADER: NO// **YES**

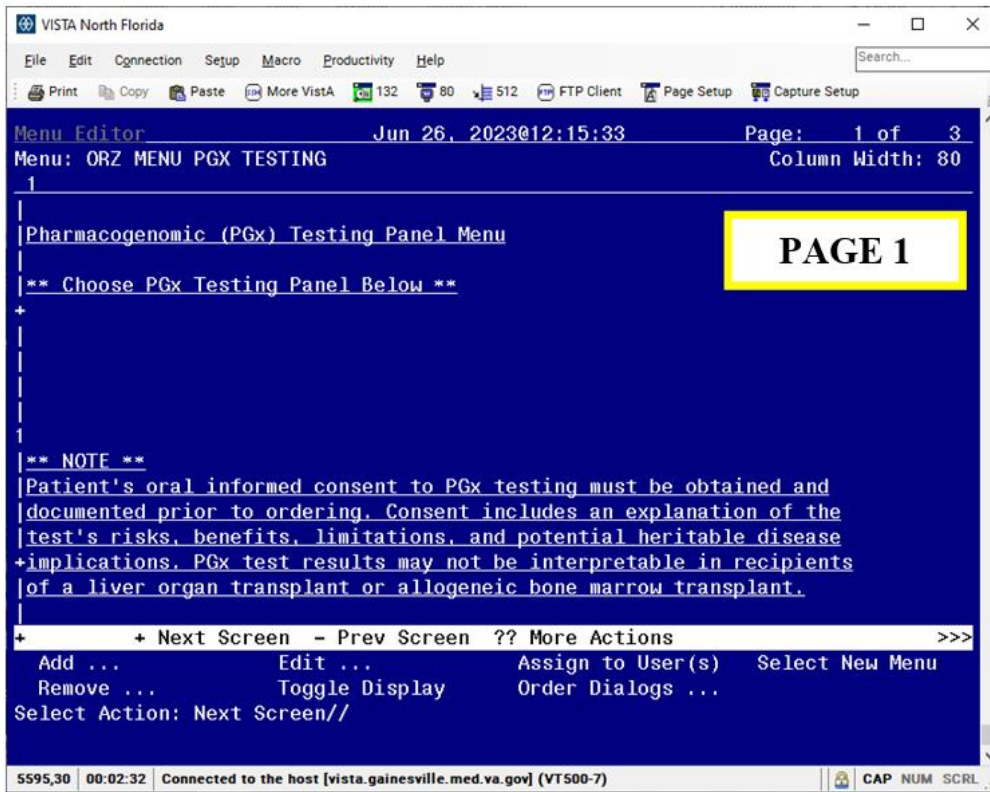
DISPLAY TEXT: **The PHARMACOGENOMICS NOTE is available for easy documentation of**
ROW: **18**
COLUMN: **1**
HEADER: NO// **YES**

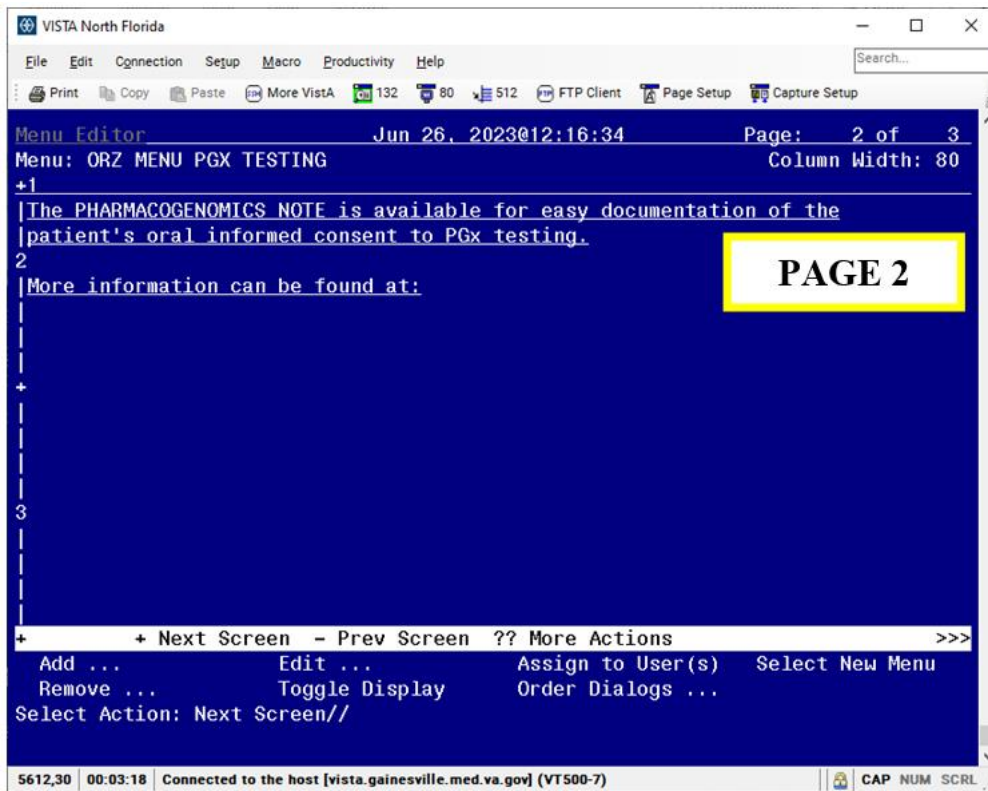
DISPLAY TEXT: **the patient's oral informed consent to PGx testing.**
ROW: **19**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: **More information can be found at:**
ROW: **21**
COLUMN: **1**
HEADER: NO// **YES**

DISPLAY TEXT: <enter>

Rebuilding menu display ...





E. Add all PGx test quick orders and the generic order to the new order menu.

In this demonstration, there are 2 PGx quick orders to add – one for Sanford and one for Fulgent. *You may only have one quick order at this time to add.* This will vary at each site.

```
+ + Next Screen - Prev Screen ?? More Actions >>>
Add ...      Edit ...      Assign to User(s) Select New Menu
Remove ...   Toggle Display Order Dialogs ...
Select Action: Next Screen// AD Add ...
```

```
+ + Next Screen - Prev Screen ?? More Actions >>>
Menu Items   Text or Header   Row
```

Add: **M** Menu Items
 ITEM: **QUICK ORDER OF SANFORD PGX TEST HERE**
 ROW: **6**
 COLUMN: **1**
 DISPLAY TEXT: **General Use (Sanford Imagenetics Lab)**

MNEMONIC: <enter>

ITEM: **QUICK ORDER OF FULGENT PGX TEST HERE** (if your site offers this)

ROW: **8**

COLUMN: **1**

DISPLAY TEXT: **RESTRICTED USE - Carbamazepine new starts ONLY (Fulgent Lab)**

MNEMONIC: <enter>

ITEM: **DIA PGX VIEW CLINICIANS SHAREPOINT**

ROW: **22**

COLUMN: **1**

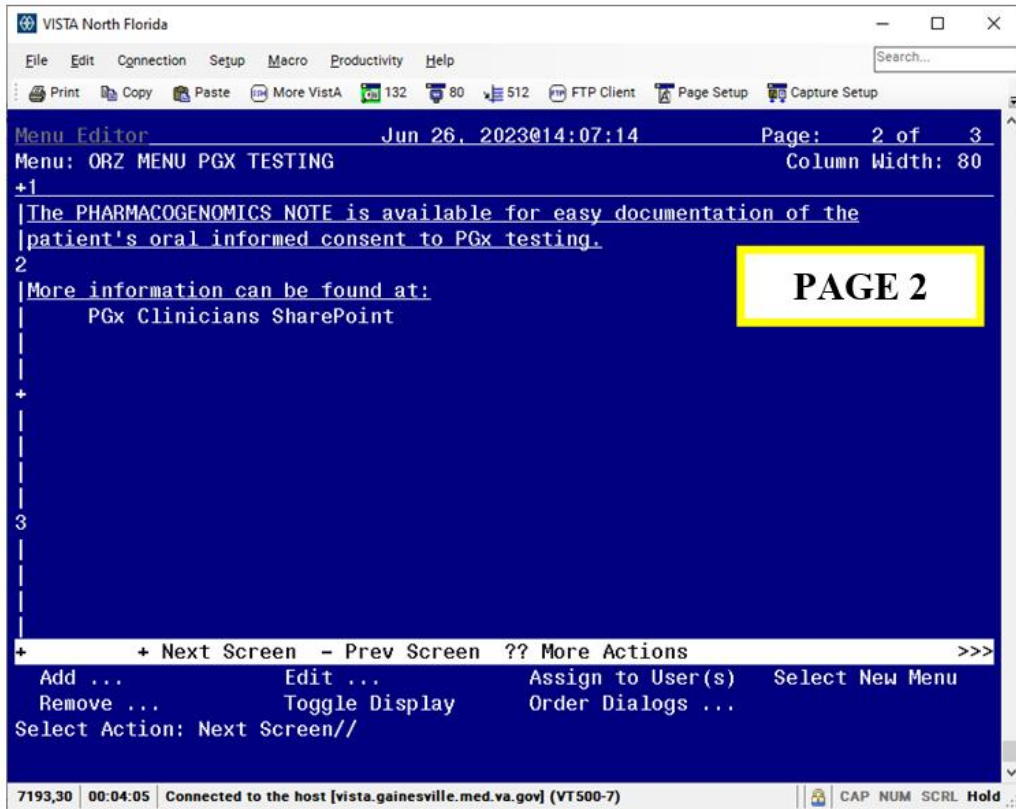
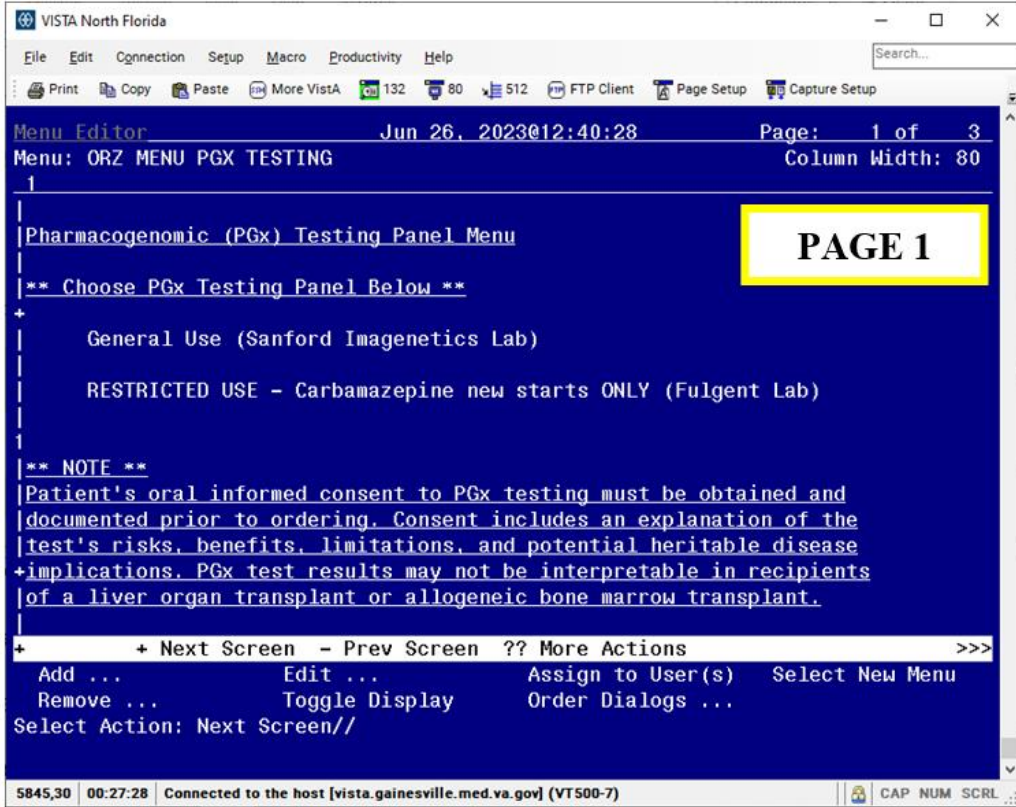
DISPLAY TEXT: <enter>

MNEMONIC: <enter>

ITEM: <enter>

Rebuilding menu display ...

See screenshots on next page.



Screenshot of Order Menu in CPRS

The screenshot shows a window titled "Pharmacogenomic (PGx) Testing Panel Menu" with a "Done" button in the top right corner. The main content area contains the following text:

Pharmacogenomic (PGx) Testing Panel Menu

**** Choose PGx Testing Panel Below ****

General Use (Sanford Imagenetics Lab)

RESTRICTED USE - Carbamazepine new starts ONLY (Fulgent Lab)

**** NOTE ****

Patient's oral informed consent to PGx testing must be obtained and documented prior to ordering. Consent includes an explanation of the test's risks, benefits, limitations, and potential heritable disease implications. PGx test results may not be interpretable in recipients of a liver organ transplant or allogeneic bone marrow transplant.

The PHARMACOGENOMICS NOTE is available for easy documentation of the patient's oral informed consent to PGx testing.

More information can be found at:

PGx Clinicians SharePoint

Screenshot of Generic Order (Hyperlink to SharePoint Site)

The screenshot shows a window titled "Reason for Request:" with standard window controls (minimize, maximize, close) in the top right. Below the title bar, there is a status bar that reads "Total Number of Required Fields without Values: 1" and navigation buttons: "First", "< Prev", "Next >", and "Last".

The main content area contains the following text:

**** THIS IS A VIEW ONLY ORDER; IT CANNOT BE ACCEPTED**

**** CANCEL OUT OF THIS SCREEN AFTER CLICKING ON HYPERLINK BELOW**

[PGx Clinicians SharePoint](#)

At the bottom of the window, there is a legend: "* Indicates a Required Field" and three buttons: "Preview", "OK", and "Cancel".

7. Attach Order Menu as Finding Item to Element

Below are the steps to add the order menu to the appropriate element.

Element name: VA-EL PHASER ORDER PT AGREES

From Reminder Managers Menu:

CF	Reminder Computed Finding Management ...
RM	Reminder Definition Management ...
SM	Reminder Sponsor Management ...
TXM	Reminder Taxonomy Management
TRM	Reminder Term Management ...
LM	Reminder Location List Management ...
RX	Reminder Exchange
RT	Reminder Test
OS	Other Supporting Menus ...
INFO	Reminder Information Only Menu ...
DM	Reminder Dialog Management ...
CP	CPRS Reminder Configuration ...
RP	Reminder Reports ...
MST	Reminders MST Synchronization Management ...
PL	Reminder Patient List Menu ...
PAR	Reminder Parameters ...
VS	NLM Value Set Menu
ROC	Reminder Order Check Menu ...
CQM	NLM Clinical Quality Measures Menu
XM	Reminder Extract Menu ...
GEC	GEC Referral Report

Select Reminder Managers Menu Option: **DM** Reminder Dialog Management

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

Select Reminder Dialog Management Option: **DI** Reminder Dialogs

Dialog List Apr 22, 2019@07:28:03 Page: 1 of 22
REMINDER VIEW (ALL REMINDERS BY NAME)

Item	Reminder Name	Linked Dialog Name & Dialog Status
1	ACUTE MYOCARDIAL INFARCTION	
2	AGP TEST	AGP TEST ALL DIALOG
3	AJM BL TEST	

Cont'd

+ Enter ?? for more actions >>>

AR	All reminders	LR	Linked Reminders	QU	Quit
CV	Change View	RN	Name/Print Name		

Select Item: Next Screen// **CV** Change View

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** Dialog Elements

Dialog List Apr 22, 2019@07:28:08 Page: 1 of 1133

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	10-0386-SCH APPROVAL AUTH1	Dialog Element	

Cont'd

+ + 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** SL

Search for: **VA-EL PHASER ORDER PT AGREES**

Dialog List Apr 22, 2019@07:29:36 Page: 494 of 1133

DIALOG VIEW (DIALOG ELEMENTS)

+Item	Dialog Name	Dialog type	Status
6909	VA-EL PHASER ORDER PT AGREES	Dialog Element	
6910	VA-EL PHASER ORDER PT DECLINES	Dialog Element	
6911	VA-EL SAFETY PLAN COLLABORATION TIP	Dialog Element	
6912	VA-EL SAFETY PLAN CONTACTS DECLINED	Dialog Element	
6913	VA-EL SAFETY PLAN CONTACTS INFO	Dialog Element	
6914	VA-EL SAFETY PLAN CONTACTS TIP DETAILS	Dialog Element	

Cont'd

+ + Next Screen - Prev Screen ?? More Actions >>>

Find Next 'VA-EL PHASER ORDER PT AGREES'? Yes// **NO**

+Item	Dialog Name	Dialog type	Status
6909	VA-EL PHASER ORDER PT AGREES	Dialog Element	

6910 VA-EL PHASER ORDER PT DECLINES Dialog Element
6911 VA-EL SAFETY PLAN COLLABORATION TIP Dialog Element
6912 VA-EL SAFETY PLAN CONTACTS DECLINED Dialog Element
6913 VA-EL SAFETY PLAN CONTACTS INFO Dialog Element
6914 VA-EL SAFETY PLAN CONTACTS TIP DETAILS Dialog Element

Cont'd

+ + 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// **6909** (your number will most likely be different)

Dialog Name: VA-EL PHASER ORDER PT AGREES

Current dialog element/group name: VA-EL PHASER ORDER PT AGREES

Used by: VA-GP PHASER ED MATERIALS GIVEN (Dialog Group)

VA-GP PHASER CONSENT DISCUSSED (Dialog Group)

FINDING ITEM: VA-PGX TESTING ACCEPTED// <enter> ****do not remove this health factor****

Select ADDITIONAL FINDINGS: **Q.ORZ MENU PGX TESTING** (Q.NAME OF ORDER MENU)

Searching for a ORDER DIALOG, (pointed-to by ADDITIONAL FINDINGS)

Searching for a ORDER DIALOG

ORZ MENU PGX TESTING

...OK? Yes// <enter> (Yes)

Select ADDITIONAL FINDINGS: <enter>

Input your edit comments.

Edit? NO// <enter>

8. Establish an IFC Pharmacogenomics E-Consult

An interfacility (IFC) e-consult is being implemented as part of the PHASER Program. The IFC will provide facilities participating in the Program with a means to communicate with the PHASER program regarding assistance in interpretation of results of pharmacogenomic test results as well as additional questions regarding program participation. The IFC will serve as a means of provider-to-provider communication and no direct patient care services will be rendered by this e-consult.

A. CREATE the IFC PHARMACOGENOMICS E-CONSULT Service

From the Consult Management Option:

SS Set up Consult Services [GMRC SETUP REQUEST SERVICES]

SERVICE NAME: **IFC PHARMACOGENOMICS E-CONSULT**

ABBREVIATED PRINT NAME (Optional):

INTERNAL NAME:
Select SYNONYM:
SERVICE USAGE:
SERVICE PRINTER:
NOTIFY SERVICE ON DC:
REPRINT 513 ON DC:
PREREQUISITE:
Edit? NO//
PROVISIONAL DX PROMPT: **REQUIRE**
PROVISIONAL DX INPUT: **LEXICON**
DEFAULT REASON FOR REQUEST:
No existing text
Edit? NO//
RESTRICT DEFAULT REASON EDIT:

Inter-facility information
IFC ROUTING SITE: **558**
IFC REMOTE NAME: **IFC PHARMACOGENOMICS E-CONSULT TO DURHAM**

SERVICE INDIVIDUAL TO NOTIFY:
Select SERVICE TEAM TO NOTIFY:
Select NOTIFICATION BY PT LOCATION:
PROCESS PARENTS FOR NOTIFS:
Select UPDATE USERS W/O NOTIFICATIONS:
Select UPDATE TEAMS W/O NOTIFICATIONS:
Select UPDATE USER CLASS W/O NOTIFS:
Select ADMINISTRATIVE UPDATE USER:
Select ADMINISTRATIVE UPDATE TEAM:
ADMINISTRATIVE UPDATE TEAM:
NOTIFICATION RECIPIENTS:
Select ADMINISTRATIVE UPDATE TEAM:
PROCESS PARENTS FOR UPDATES:

SPECIAL UPDATES INDIVIDUAL:
RESULT MGMT USER CLASS:
UNRESTRICTED ACCESS:
Select SUB-SERVICE/SPECIALTY:
ADMINISTRATIVE:

- B. ADD** the new consult service IFC PHARMACOGENOMICS E-CONSULT as a subservice/specialty to the appropriate grouper.

From the Consult Management Option:

SERVICE NAME: **NAME OF YOUR SITE'S GROUPE** Replace
ABBREVIATED PRINT NAME (Optional):
INTERNAL NAME:
Select SYNONYM:
SERVICE USAGE: GROUPE ONLY//
SERVICE PRINTER:
(some fields omitted to save space)

SPECIAL UPDATES INDIVIDUAL:

RESULT MGMT USER CLASS:

UNRESTRICTED ACCESS:

Select SUB-SERVICE/SPECIALTY: **IFC PHARMACOGENOMICS E-CONSULT**

Are you adding 'IFC PHARMACOGENOMICS E-CONSULT' as

a new SUB-SERVICE? No// **Y** (Yes)

MNEMONIC:

Select SUB-SERVICE/SPECIALTY:

ADMINISTRATIVE:

Add/Edit Another Service? NO//

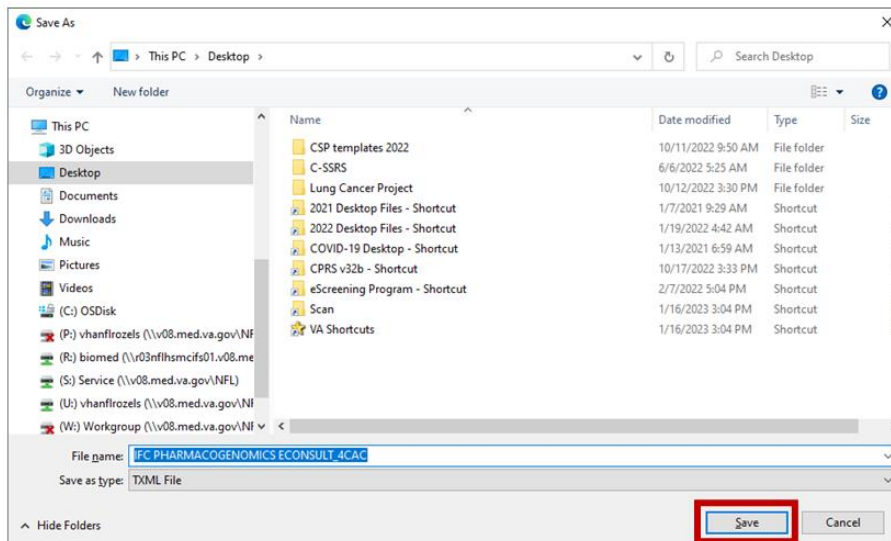
C. IMPORT the IFC reason for request template and link to the consult.

REDACTED

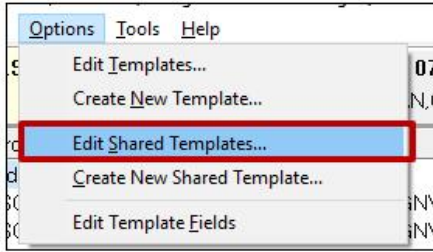
Click “Download” when the screen below displays. DO NOT click “Open”.

REDACTED IMAGE

When given the option to Open or Save As, save the TXML template to your Desktop.



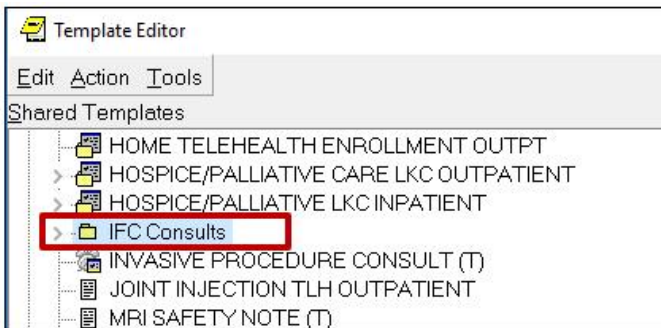
In CPRS Notes tab on the Tools bar, click on Options → Edit Shared Templates...



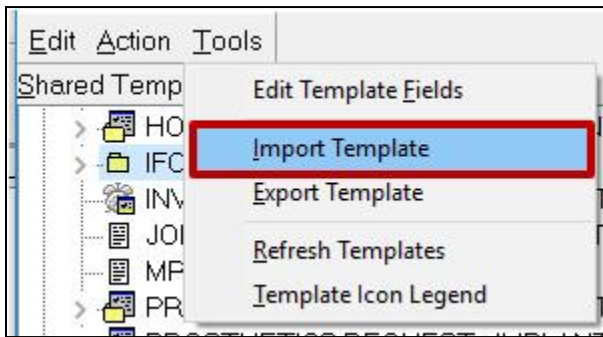
In CPRS Template Editor, go to the Consult Reasons for Request folder. Click on the Consult Reasons for Request to highlight it and expand this folder by double-clicking on the name or clicking on the 'triangle' to left of the folder name.



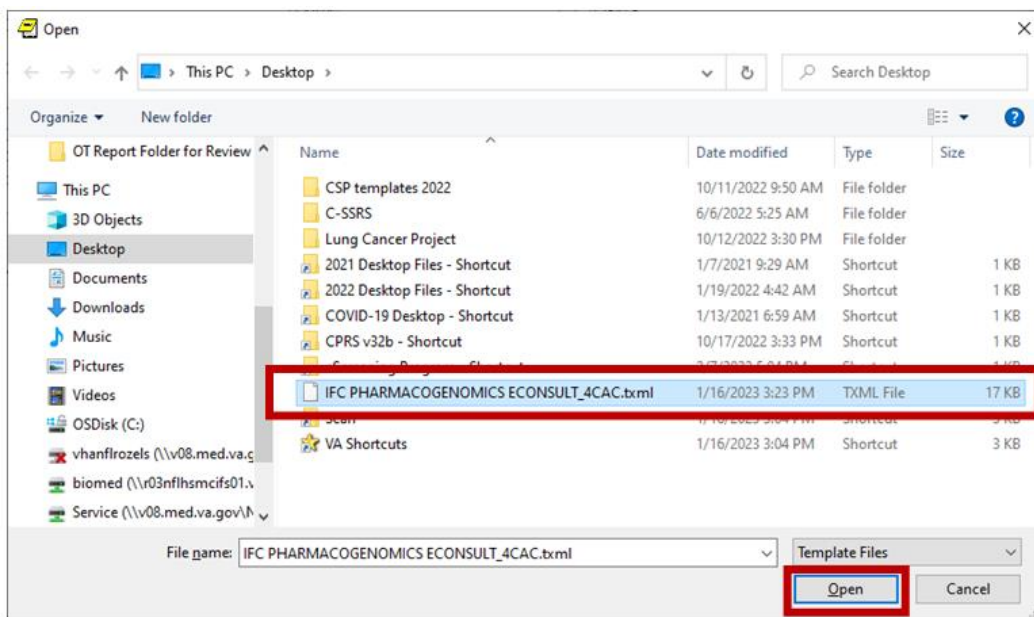
Select the folder you wish to add the consult template to (in this example – IFC Consults).



On the Tools bar, select Tools → Import Template



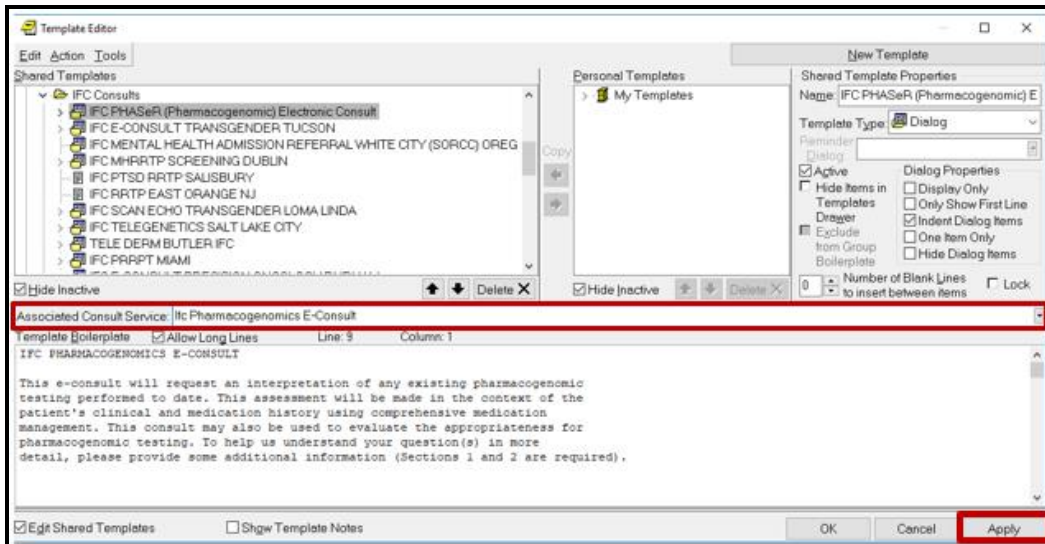
Select the template from where you saved it and click on 'Open' to import the template.



Select the template by clicking on it. In the Associated Consult Service box, type:

IFC PHARMACOGENOMICS E-CONSULT

Click Apply to save and link the template to the consult service.



D. CREATE a quick order for the consult service

Use your site's naming convention for the quick order.

Select Order Menu Management Option: **QO** Enter/edit quick orders

Select QUICK ORDER NAME: **GMRCTZ IFC PHARMACOGENOMICS E-CONSULT**

Are you adding 'GMRCTZ IFC PHARMACOGENOMICS E-CONSULT' as a new ORDER DIALOG? No// **Y** (Yes)

TYPE OF QUICK ORDER: **CONSULTS**

NAME: GMRCTZ IFC PHARMACOGENOMICS E-CONSULT Replace **<enter>**

DISPLAY TEXT: **IFC Pharmacogenomics E-Consult**

VERIFY ORDER:

DESCRIPTION:

Edit? NO//

Consult to Service/Specialty: **IFC PHARMACOGENOMICS E-CONSULT**

Consult Type:

Reason for Request:

No existing text

Edit? No// (No)

Category: **OUTPATIENT**

Urgency: ROUTINE//

Clinically Indicated Date://

Place of Consultation:

Attention:

Provisional Diagnosis:

Consult to Service/Specialty: IFC PHARMACOGENOMICS E-CONSULT
Category: OUTPATIENT
Urgency: ROUTINE
Clinically Indicated Date:

(P)lace, (E)dit, or (C)ancel this quick order? PLACE//
Auto-accept this order? NO//

IMPORTANT: Work with your local stakeholders to ensure this quick order is placed in all ordering menus/locations that will be conducive to local workflow processes.

E. Notify Durham VAMC to coordinate configuration on their side (as a receiving site). Email Durham VAMC (vhadurcac@va.gov) to notify that your site is adding this IFC. They will need your site's *station number* to add your site to Durham's set-up.

F. TEST the IFC configuration

After Durham has added your site to their set-up, test the IFC configuration to ensure it has been successfully configured.

Select Consult Management Option: **IFC** IFC Management Menu

TI	Test IFC implementation
LI	List incomplete IFC transactions
IFC	IFC Requests
TR	IFC Transaction Report
LK	Locate IFC by Remote Cslt #
BK	Monitor IFC background job parameters
AI	Print All Incomplete IFC Transactions
EP	Edit IFC Processing Parameters
IP	IFC Requests By Patient
IR	IFC Requests by Remote Ordering Provider
MP	Configure test account patients for IFC
PI	Print IFC Requests

Select IFC Management Menu Option: **TI** Test IFC implementation

Select one of the following:

P	procedure
C	consult service

Would you like to test a procedure or consult service: **Consult service**

Select the Consult service that you'd like to test: **IFC PHARMACOGENOMICS E-CONSULT**

attempting to connect to remote system...

Congratulations! You're configured correctly.

Would you like to test another implementation? **N**

If you see an error message, please work with the host site to correct any configuration issues.

G. SUPPORT

For questions/issues about the CLINICAL CONTENT of the template/consult, contact:

Jill Bates (Jill.Bates@va.gov)

For TECHNICAL issues/problems regarding the template/consult, please contact:

Susan Rozelle (Susan.Rozelle@va.gov)

Russell Jacobitz (Russell.Jacobitz@va.gov)

9. Setting up PHARMACOGENOMICS NOTE as a Posting

To set up the PHARMACOGENOMICS NOTE as a Posting with auto-demotion set-up, follow the steps below. If your site does not typically support Postings of this type, please notify REDACTED (PHASER Program Manager) at: REDACTED

A. Move PHARMACOGENOMICS NOTE to the CLINICAL WARNING document class

B. Create a second note title that will be used as the auto-demotion target title

Document Class: **ONCOLOGY SERVICE** (or similar equivalent)

Name: **PHARMACOGENOMICS NOTE - HISTORICAL**

VHA Enterprise Standard Title: **HEMATOLOGY AND ONCOLOGY NOTE**

**** Important: Leave this second note title in a status of INACTIVE to avoid having it show up in CPRS as a note title to choose ****

C. Auto-Demotion Setup

To finish the Auto-Demotion Setup for this note, navigate to the Text Integration Utilities (MIS Manager) menu in VistA.

--- MIS Managers Menu ---

- 1 Individual Patient Document
- 2 Multiple Patient Documents
- 3 Print Document Menu ...
- 4 Search for Selected Documents
- 5 Statistical Reports ...
- 6 Unsigned/Uncosigned Report
- 7 Missing Text Report
- 9 Signed/unsigned PN report and update
- 10 UNKNOWN Addenda Cleanup
- 11 Missing Expected Cosigner Report
- 12 Mark Document as 'Signed by Surrogate'
- 13 Mismatched ID Notes
- 14 TIU 215 ANALYSIS ...
- 15 Transcription Billing Verification Report
- 17 CWAD/Postings Auto-Demotion Setup

Select Text Integration Utilities (MIS Manager) Option: **17** CWAD/Postings Auto-Demotion Setup

Select a CWAD/Postings TITLE for auto-demotion: **PHARMACOGENOMICS NOTE** TITLE
Std Title: HEMATOLOGY AND ONCOLOGY NOTE

Select a NON-Posting TITLE as the demotion target: **PHARMACOGENOMICS NOTE - HISTORICAL** TITLE
Std Title: HEMATOLOGY AND ONCOLOGY NOTE

Done. Post-Signature code has been set (or reset) as follows...
TITLE: PHARMACOGENOMICS NOTE
POST-SIGNATURE ACTION: D SILENT^TIUCWD(4369,4370)

*NOTE: If you require further technical assistance, if there are any questions or problems during the installation, please notify your local IT support to log a national help desk ticket Desk and have them submit a national ticket to:
Category: Affected Service
Affected Service: VistA - Clinical Reminders
Assignment Group: NTL SUP Clin 2*