

**Advanced Medication Platform (AMPL)
Graphical User Interface (GUI)
User Guide**



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1. Introduction

Advanced Medication Platform (AMPL) Graphic User Interface (GUI) is a front-end application supporting the Department of Veterans Affairs (VA) pharmacists by fulfilling the need for medical knowledge during patient care. Access to relevant medical knowledge can lead to increased quality of care, better efficiency, and improved health outcomes. It can also decrease the potential for errors and adverse events resulting in decreased cost and increased provider and patient satisfaction. Incorporating GUI capabilities into the processing of pharmacy medication orders is a way to minimize risks and enhance health care.

1.1. Purpose

AMPL GUI is a Graphic User Interface application tailored to users of the Veterans Health Information Systems and Technology Architecture (Vista) Pharmacy packages. AMPL GUI provides pharmacists with a single point of access to patients' medical data from all VA Medical Centers in a clearer and more user-friendly display. AMPL GUI is intended to advance VA's ongoing efforts to employ robust electronic health records and improve the efficiency and safety of the medication order process.

AMPL GUI supports the current workflow as well as the development and incorporation of modern technology, functionality, and techniques. It will allow users to make more informed decisions using clinical knowledge and patient-specific expandable information, intelligently filtered, sorted, organized, and presented within a single application as care is being delivered.

AMPL GUI displays data from the following domains as well as the Pending Order Manager Display:

- Allergies/ADRs
- Appointments
- Consults
- Demographics
- Immunizations
- Lab
- Pharmacy
- Problem List
- Progress Notes
- Vitals

1.2. Document Orientation

The AMPL User Guide is formatted comparable to the *Computerized Patient Record System (CPRS) User Manual: GUI Version*.

1.2.1. Organization of the Guide

This guide is organized in the way users will initially access AMPL GUI. It is organized in a way to help the reader understand the basic layout of AMPL GUI and provide the reader with information about the specific tasks that pharmacy staff need to perform. The contents are organized as a functionality listing, starting with the features of the patient header, then going tab by tab through each set of clinical offerings.

1.2.2. Assumptions

The user guide is written from the perspective of VA users, assuming the following:

- User can open, navigate, and use a web browser.
- User can use web-based applications, their menu options, and navigation tools.
- User has completed any prerequisite training specific to the AMPL GUI application.
- User has been provided access to the AMPL GUI application.
- Pharmacy staff who have access to AMPL GUI will use their Personal Identity Verification (PIV) card to sign on. A URL will be given during implementation.
- The functionality of AMPL GUI will be used to support Veterans Health Administration (VHA) and/or Veterans Benefits Administration (VBA) workflows.

1.2.3. Disclaimers

1.2.3.1. Software Disclaimer

This software was developed at the Department of Veterans Affairs by employees of the Federal Government in the course of their official duties. Pursuant to Title 17 Section 105 of the United States Code this software is not subject to copyright protection and is in the public domain. VA assumes no responsibility whatsoever for its use by other parties, and makes no guarantees, expressed or implied, about its quality, reliability, or any other characteristic. We appreciate acknowledgement if the software is used. This software can be redistributed and/or modified freely if any derivative works bear some notice that they are derived from it, and any modified versions bear some notice that they have been modified.

1.2.3.2. Documentation Disclaimer

The appearance of external hyperlink references in this guide does not constitute endorsement by the VA of this website or the information, products, or services contained therein. The VA does not exercise any editorial control over the information you may find at these locations. Such links are provided and are consistent with the stated purpose of the VA.

1.2.4. Documentation Conventions

Various symbols are used throughout the documentation to alert the reader to special information. The following shows the symbols being used and the description of each:



The Information symbol indicated especially important or helpful information.

In addition, the AMPL GUI application uses several symbols. The following figures list these symbols and include a brief description of how it is used:



This icon designates that the column is sorted – Ascending (the number listed next to the arrow is showing the sort order for that column if more than one column is sorted).



This icon designates that the column is sorted – Descending (the number listed next to the arrow is showing the sort order for that column if more than one column is sorted).



This icon is used to indicate columns are hidden from view.



This symbol, located next to a clinic record, indicates that there is at least one order for that clinic with a priority of STAT, ASAP, or a schedule of NOW.



Patient Context Indicator – Indicates whether CCOW is synchronizing patients with other GUIs



Vista button - Allows the user to choose the last patient accessed in Vista similar to ‘Spacebar Return’ functionality



Refresh icon



Reset icon



Filter icon



Medication List tab – Indicates Remote Orders



Patient Lookup icon



Add icon



More button – Displays Expanded view of Medication Orders



Table icon



The Caution/Warning symbol indicates that data within a tab may be incomplete. The information may be updated by refreshing the patient.



Entered in Error NOTE: Notice the difference between these two icons, the Entered in Error icon has a pink background.

Other Important Notes:

- For all instances where time is displayed, the time will reflect the time zone of where the item was entered and not update to the user’s time zone.
- Some data fields in Vista, along with certain data changes done through FileMan will NOT trigger an update to AMPL GUI. See the list below for specific data trigger issues. More details are provided in Section 2.2 Data Flows.

- Date of Birth
- Temporary Mailing Information Phone Numbers
- Emergency Contact Info Relationship
- Emergency Contact Info Phone Numbers
- POW War Field
- Combat from Date
- Combat to Date
- Combat Location
- Nature of Order
- Prescription Refills without Status Change

1.2.5. References and Resources

Additional information on AMPL GUI can be found in the following documents:

- AMPL Technical Manual
- AMPL GUI Deployment, Installation, and Rollback Guide (DIBR)

1.3. Getting Help

A future version of this document will include online help for how-to information, AMPL GUI Resources, access to AMPL GUI training videos, and additional training materials.

Prior to contacting the Enterprise Service Desk (ESD) for support, please refer to [3.1](#) for detailed information about how to access AMPL GUI and to section [15](#) for suggested resolution steps and troubleshooting information.

If you are an authorized user that has trouble logging in to AMPL or experiencing other application issues, please contact the Enterprise Service Desk via telephone or by using the Your IT self-service portal for assistance.

If you are unable to retrieve community partner documents for a patient, please contact your local Veterans Health Information Exchange (VHIE) Coordinator.

1.3.1. Hover for Help Text

Help text is widely available throughout AMPL by hovering over text or data fields including **column headers, symbols, facility numbers (hovering provides facility name), and Query Editors (date box and filter text box).**

Examples are included in sections as applicable.

2. System Summary

AMPL GUI is a web-based application that is intended to assist with accessing and displaying of pharmacy orders and relevant patient data in the support of processing pharmacy orders.

It consists of two primary functions, the **Pending Order Manager (POM)** and the **Patient Coversheet**. The POM is used to find and organize pharmacy orders that need actions. It supports the ability to create a queue of orders that then can be used to retrieve a patient's record in the coversheet. The AMPL GUI patient coversheet, through a series of tabs, displays pharmacologically relevant aspects of the patient medical record. AMPL GUI is read-only for the initial release, with urgent future plans to convert to read/write functionality.

2.1. System Configuration

The system is hosted in the **Veterans Affairs Enterprise Cloud (VAEC) Amazon Web Services (AWS)** cloud. It is solely accessed through a web browser. The preferred browser is Google Chrome, but most modern web browsers should be acceptable. Microsoft Explorer is not supported.

Access to the VA network and a web browser is needed to access AMPL GUI. To utilize the AMPL GUI's **Clinical Context Object Workgroup (CCOW)** functionality, CCOW needs to be installed and configured on the workstation.

2.2. Data Flows

When a patient's record is accessed in AMPL, the pharmacist is provided a comprehensive view of local and remote clinical patient data to provide enhanced decision support by bringing together several domains of patient data including patient demographics, CWAD, allergies and adverse reactions, consultations, immunizations, vitals, progress notes, problem lists, labs, medications, and appointments. All this data is obtained from VistA through the **Veterans Data Integration and Federation (VDIF)** service which aggregates data from all VA Medical Centers where that patient has been seen.

Most data updates made in VistA trigger propagation of that data through several systems in VDIF to ultimately be available to AMPL. This process is designed to occur quickly such that changes in VistA are reflected in AMPL within minutes. There are times that the system has a backlog with a queue of data to be processed, which may degrade the response time for data changes to be available to AMPL.

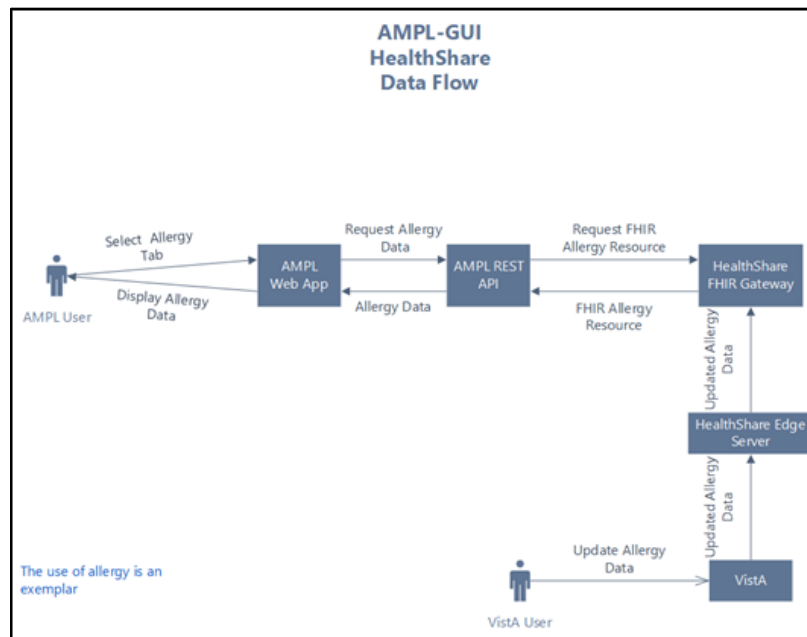
Patient demographics by themselves do not trigger propagation of data to VDIF. If a change is made only to a patient's demographic information in VistA, those changes will not be immediately reflected in VDIF or AMPL. See section 1.2.4 for a list. Once other changes are made for the patient that do trigger data propagation, such as addition of a medication order or allergy, status change of a medication order or allergy, or any other changes that trigger propagation to VDIF, the patient demographics changes will be propagated to AMPL at that time.

Patient data flowing from VistA is stored by VDIF. It is transmitted upon request to AMPL in either Fast Healthcare Interoperability Resources (FHIR) format, a standard mechanism for sharing health data or using custom requests.

In addition to patient data, AMPL also provides functionality to assist pharmacists with managing pending orders. The data in the Pending Orders Manager is pulled using VDIF custom service calls

to the currently selected VistA site. An AMPL user can select a VistA station and see the Pending Orders for that site or search for patients and open their records from that site. Please refer to section [3.1](#) for details on how to change the selected station.

Figure 1: Logical High Level AMPL GUI HealthShare Data Flow



2.3. User Access Levels

AMPL GUI implements a single level of user access. Access is granted at the enterprise level via an Active Directory (AD) group. No local VistA credentials are necessary to use AMPL GUI.

2.4. Continuity of Operation

AMPL GUI is hosted on the Amazon Web Service (AWS) cloud, managed by the **Veterans Affairs Enterprise Cloud (VAEC)** group. This environment is highly available and is unlikely to experience an extended outage. AMPL GUI is an enhancement to existing pharmacy systems and does not replace any existing system. In the unlikely event that AMPL GUI is unavailable, traditional pharmacy systems can still be utilized.

3. Getting Started

Pharmacy staff will be granted access to AMPL GUI and will use their Personal Identity Verification (PIV) card for sign on. If you currently do not have access to AMPL GUI, please refer to [Appendix A: Post-implementation Access or Removal Requests](#) for access instructions.

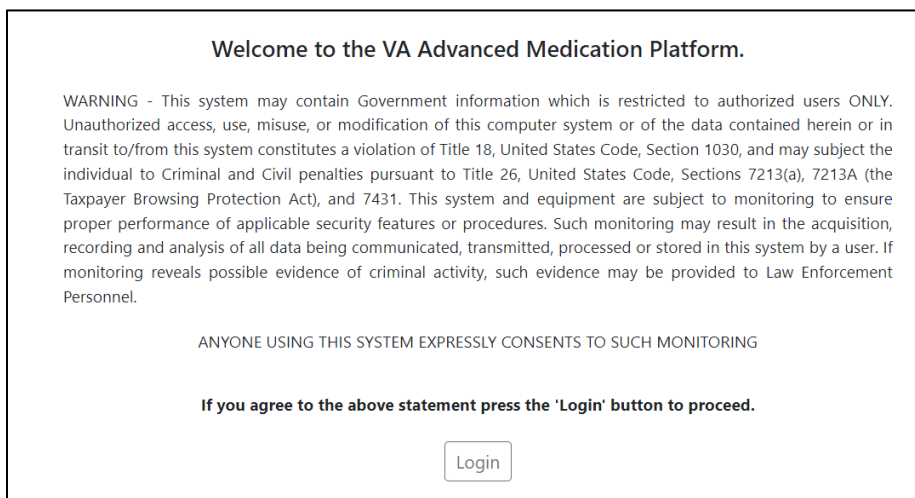
3.1. Logging On

The following steps will display the process of logging on to AMPL GUI using Single Sign-On Integration (SSOi) and PIV authentication, similar to other web applications.

The application can be easily accessed by creating a Desktop Shortcut. Please refer to [Appendix B: AMPL Desktop Shortcut](#).

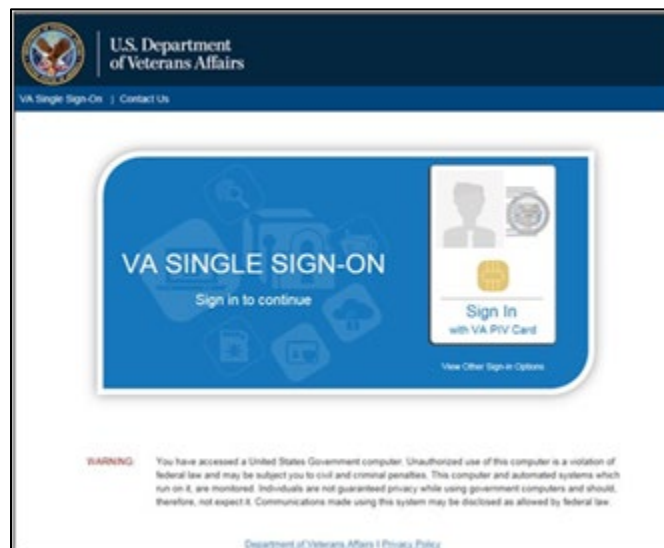
1. Enter the AMPL URL (<https://ampl.vaec.va.gov>) into the address bar of your internet browser. The following login page will appear:

Figure 2: AMPL GUI Login Page



2. After clicking **Login**, users are redirected to the **VA SSOi** page (see image below)
 - a. Click the **Sign in with VA Personal Identity Verification (PIV) Card** graphic.
 - b. Select the appropriate certificate and click **OK**.
 - c. Enter your Personal Identification Number (PIN) and click **OK**.
 - d. If PIV card is unavailable, user can sign in with network credentials by clicking **View Other Sign-in Options**.

Figure 3: SSOi Page for VA Users



3. A pop-up window will appear and require the user to enter their 3-digit Station #. This allows AMPL GUI to retrieve local data from the correct database. Previous station number will be retained if the computer is the same and cookies do not get cleared.



NOTE: If the user moves to another computer, they will have to re-enter the station number. Additionally, if the browser gets cleared of cookies and site data on a computer, then they will be prompted to re-select the station number again.

Figure 4: Set VistA Context

Set VistA Context

AMPL requires a valid **3-digit** station number to establish context with a specific VistA system. Please enter the station you want to work with below & click 'Set' to continue. The 'Set' button is enabled when a valid station number is entered. This context can be changed at any time by selecting the 'Change Station' option from the user menu.

Station #:



NOTE: Once logged in, the selected Station may be changed at any time by clicking **the dropdown next to your username** in the upper right-hand corner of the screen. See figure below:

Figure 5: Change Station

The screenshot shows a user menu in the top right corner. The menu is open, displaying the user's name 'JLV' and 'User Name - Station Number' with a dropdown arrow. Below this, the following information is shown:

- App Version: 2.3.4
- API Version: 2.3.4
- Data Source: HS-SQA2C

At the bottom of the menu, there are two buttons: 'Change Station' and 'Logout'.

- Once logged in, **The Pending Orders Manager (POM)** landing page will display. On the POM you can select one or more patients from the list of pending orders as described in [Section 4: Pending Orders Manager Landing Page](#)

Figure 6: Pending Orders Manager Landing Page – Patient Table

Pending Orders Manager

Outpatient Orders by Date **1913** | Outpatient Orders by Location **1913** | Inpatient Orders **118** | Clinic Orders **666**

Select Outpatient Site: All Outpatient Sites
 Select Ordering Institution: All Institutions
 Current Query: All Records, 50 results/page

Order Aging Summary

>T-7 Days	T-7 Days	T-6 Days	T-5 Days	T-4 Days	T-3 Days	T-2 Days	T-1 Day	Today
1913	0	0	0	0	0	0	0	0

Location Name: [Process All] [Process Selected] [Clear Selected]

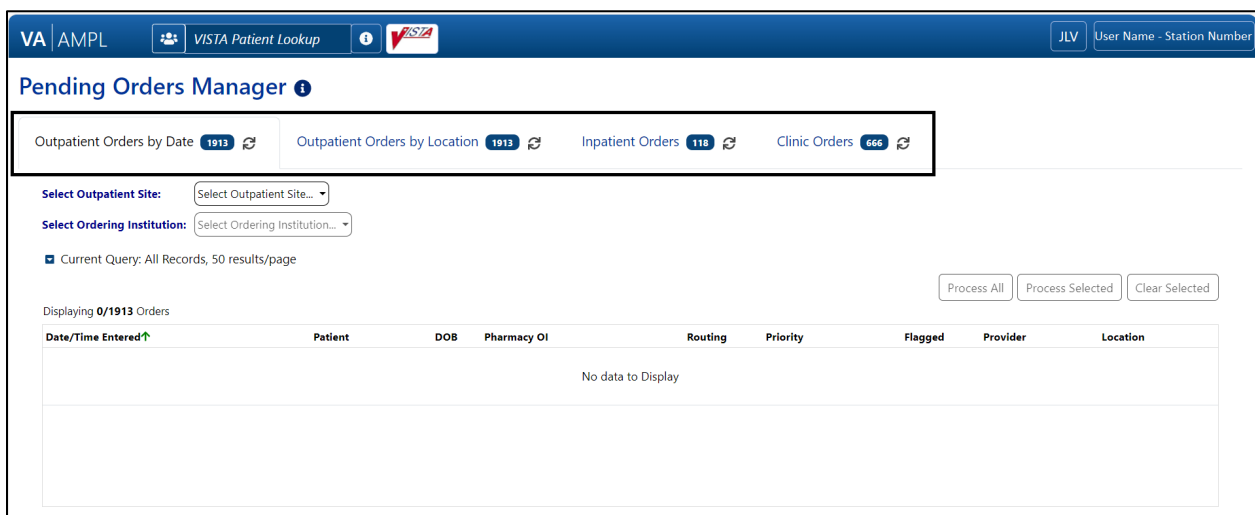
Displaying 1913/1913 Orders

Date/Time Entered	Patient	DOB	Pharmacy OI	Routing	Priority	Flagged	Provider	Location
<input type="checkbox"/> Date/Time	Patient Name (Last 4 of SSN)	MM/DD/YYYY	Prescription Name	M	Routine	N	Provider Name	Location Name
<input type="checkbox"/> Date/Time	Patient Name (Last 4 of SSN)	MM/DD/YYYY	Prescription Name	M	Routine	N	Provider Name	Location Name
<input type="checkbox"/> Date/Time	Patient Name (Last 4 of SSN)	MM/DD/YYYY	Prescription Name	M	Routine	N	Provider Name	Location Name
<input type="checkbox"/> Date/Time	Patient Name (Last 4 of SSN)	MM/DD/YYYY	Prescription Name	M	Routine	N	Provider Name	Location Name
<input type="checkbox"/> Date/Time	Patient Name (Last 4 of SSN)	MM/DD/YYYY	Prescription Name	M	Routine	N	Provider Name	Location Name

4. Pending Orders Manager Landing Page

From the Pending Orders Manager Landing Page, the tabs are organized for pharmacist's specific role such as, Outpatient Pharmacists have the tabs Outpatient Orders by Date, or by Location. Inpatient Pharmacists have the tab Inpatient Orders and Clinical Pharmacists have the Clinic Orders tab. All are available on the POM in case user switches roles or have multiple roles. On each tab header there is a count of the number of orders currently pending at the station the user is signed into. A refresh button is available on each tab header to update the data. See figure below:

Figure 7: Pending Orders Manager Tabs



To find a patient not included in the Pending Orders Manager lists, use the **VistA Patient Lookup box** in the header. Please refer to section [Patient Coversheet](#) for additional information. See figure below:

Figure 8: VistA Patient Lookup

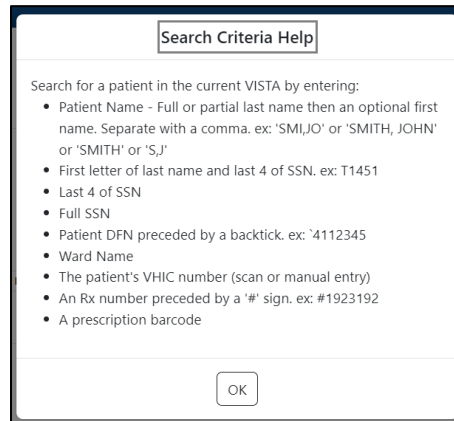


For a list of available criteria that can be used for patient lookup, click the “i” **Button** to display **Search Criteria Help**. See figures below:

Figure 9: VistA Patient Lookup Info Button



Figure 10: Patient Lookup Search Criteria Help



VistA logo button provides a mechanism to mimic VistA's last patient selected functionality. See [Section 11: VistA Logo Button](#) for details.

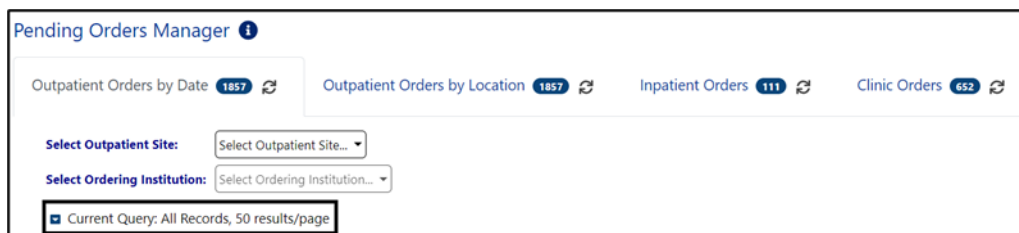
Figure 11: VistA Logo Button



4.1. Current Query and Query Editor



Each tab may open with a filter and sort applied, which can be seen in the **Current Query** display. See figure below:

Figure 12: Current Query



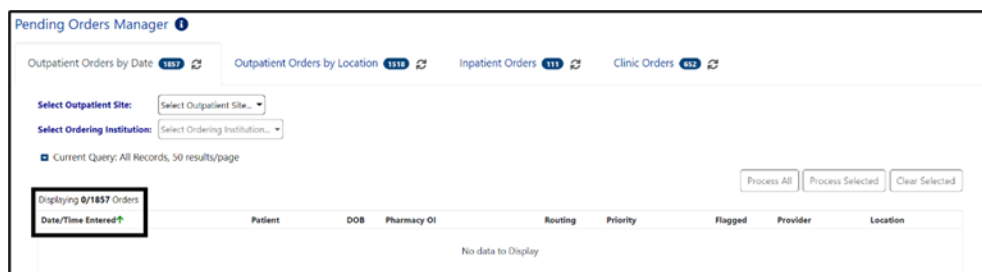
To modify the Current Query, open the Query Editor by clicking on the blue arrow next to the Current Query. To filter by certain fields, select the criteria to use for further filtering by selecting from the **Select Filter Field** dropdown list. Once the fields are defined, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed.

The sort may be added or modified by selecting fields from the sort section dropdown menu of the Query Editor. Once the fields are defined, click **Add** to have the filter added to the search criteria. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red "X" icon** to the right of it. To clear filters added by the user and return to the tab's default, click the **Reset** button.

If a column is used to sort the data, a green arrow  appears next to the column header. To reverse the sort order, click on the green arrow. Repeatedly clicking the sortable column will toggle between ascending, descending then back to default. If more than 1 column is sorted, a small number by the arrow  indicates the order.

See figures below:

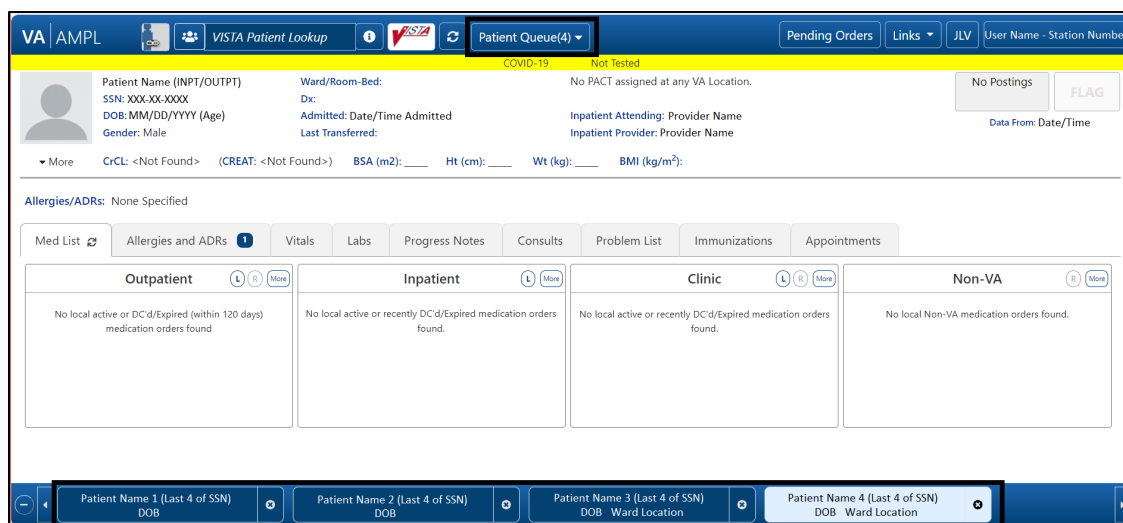
Figure 13: Column Filter and Sort Icons



4.2. Selecting a Patient

Once a tab is selected and the **Outpatient site, Ordering Institution, Ward group, Ward or Clinic** is chosen, a list of patients with related pending orders will display. One or more patients may be selected from the list for processing. If multiple patients are selected, they will be added to the patient queue and their names will display at the bottom of the screen. Several patient identifiers display in the patient queue to assist with selecting the correct patient, including last four of the Social Security Number, Date of Birth and Ward Location if the patient is admitted. If the patient is marked as a sensitive record, this information will be replaced with asterisks. Sensitive patients may not be selected or viewed at this time. See figure below:

Figure 14: Patient Queue



If a patient is selected in the VistA Patient Lookup box, the name will be added to the **Patient Queue**. Each additional patient(s) selected is added to the **Patient Queue**. The Queue is retained if the user toggles from **Pending Orders Manager** and back to the **Coversheet**. See figures below:

Figure 15: Patient Cover Sheet with Patient Queue List



Figure 16: POM Button Toggle to Coversheet and Retained in Patient Queue

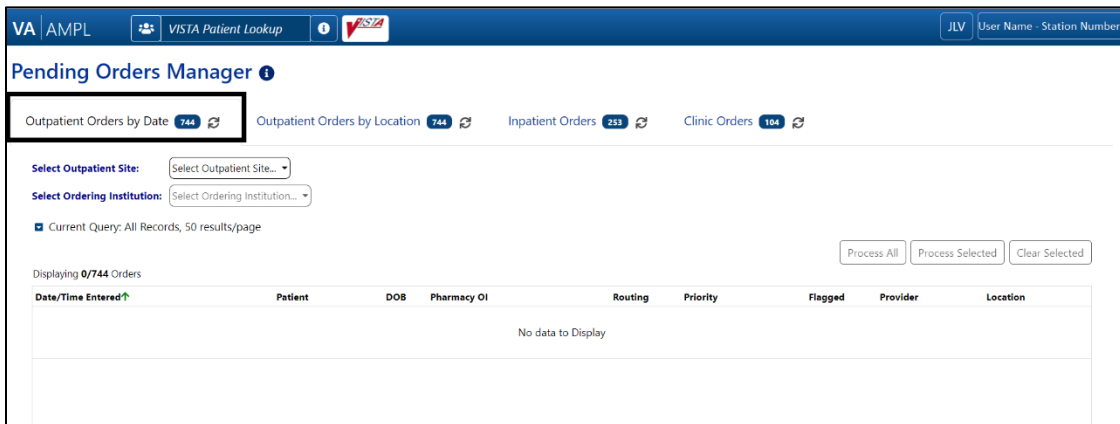


The **Patient Queue** is cleared if user returns to the Pending Orders Manager page by changing stations or logging out of AMPL and logging back in. It is not retained in future sessions.

4.3. Outpatient Orders by Date

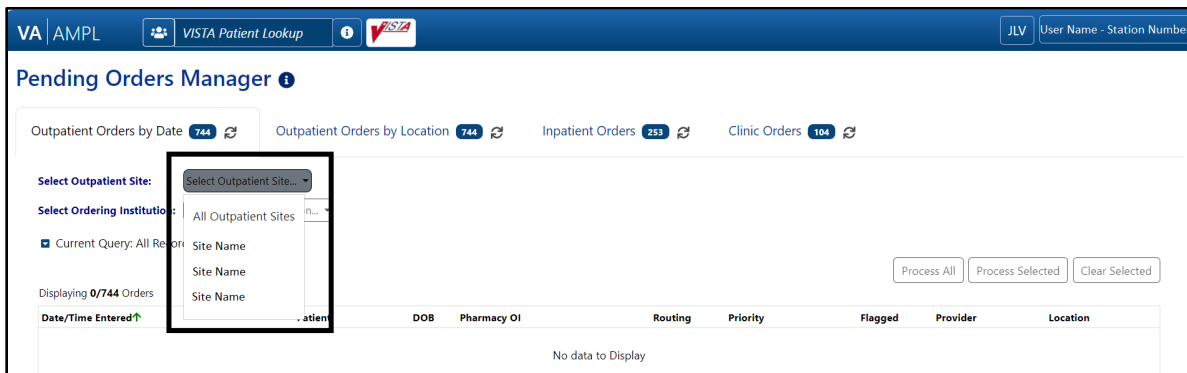
Outpatient Orders by Date is the default tab on the Pending Orders Manager page. To display orders, select a specific **Outpatient Site** from the dropdown menu. All sites related to the login facility will display. The **total number** of orders will be visible in the blue bubble in the tab, as well as a **Refresh** button to update the list. See figure below:

Figure 17: Outpatient Orders by Date Tab



To change the **Outpatient Site** or **Ordering Institution**, click on the dropdown menu and all sites related to the login facility will display. See figure below:

Figure 18: Outpatient Orders by Date - Site Selection



Once an **Outpatient Site** is selected, a chronological list of orders, oldest to newest is displayed, as well as an **Order Aging Summary**. Neither will display until the Outpatient Site is selected.



NOTE: Total number of orders and the Order Aging Summary counts will update if **Ordering Institution** is selected to further the orders.

Figure 19: Outpatient Orders by Date - Aging Summary

In the figure below, T-5 Days is selected, and the patient selection list will be filtered to only patients with orders from that date range.

This quick filter feature uses the same Reset button as all other query filters. For additional details, please refer to section [Query Editor](#)

Figure 20: Outpatient Orders by Date – Aging Summary Quick Filter

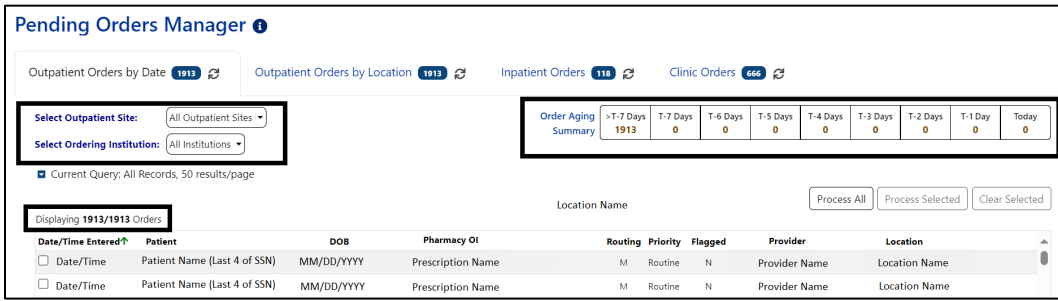
Order Aging Summary	>T-7 Days 14	T-7 Days 6	T-6 Days 26	T-5 Days 68	T-4 Days 13	T-3 Days 11	T-2 Days 583	T-1 Day 1606	Today 2184
----------------------------	-----------------	---------------	----------------	------------------------	----------------	----------------	-----------------	-----------------	---------------

When an Outpatient Site is selected, the order display defaults to **All Ordering Institutions** or to the single Ordering Institution if the Outpatient site only has one. To further filter the orders for the site, select a specific **Ordering Institution** by using the dropdown menu and selecting from the list. See figure below:

Figure 21: Outpatient Orders by Date - Selecting an Ordering Institution

Once the **Ordering Institution** is selected, the orders for that institution will display in chronological order, oldest to newest. The display also includes the **Order Aging Summary** and the **total number** of orders for that Ordering Institution. See figure below:

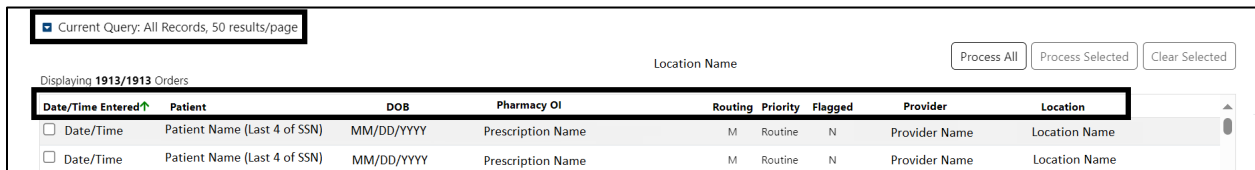
Figure 22: Outpatient Orders by Date - Site and Institution Selected



Orders will display for the patients who meet the criteria above.

The column headers include **Date/Time Entered, Patient, DOB, Pharmacy OI, Routing, Priority, Flagged, Provider and Location**. The default view includes All Records, **50 Results/page**.

Figure 23: Outpatient Orders by Date - Patient List

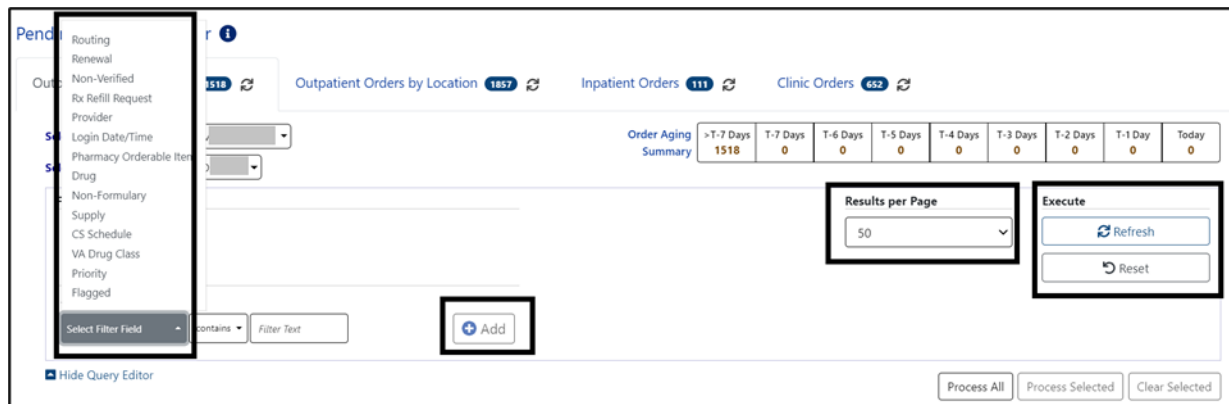


From the list of Orders, specific orders for one or more patients may be selected by checking the order(s) and the **Process Selected** button. The complete list of patients may be loaded by using the **Process All** button.

4.3.1. Query Editor

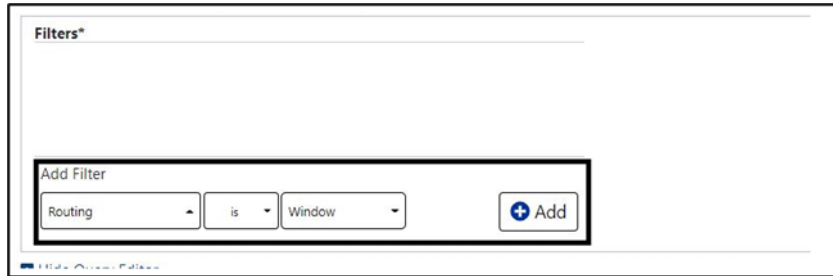
To filter this list before processing, open the **Query Editor** by clicking the arrow next to “**Current Query**” and select the criteria to use for further filtering by selecting from the **Select Filter Field** dropdown list. See figure below:

Figure 24: Outpatient Orders by Date - Query Editor Filters



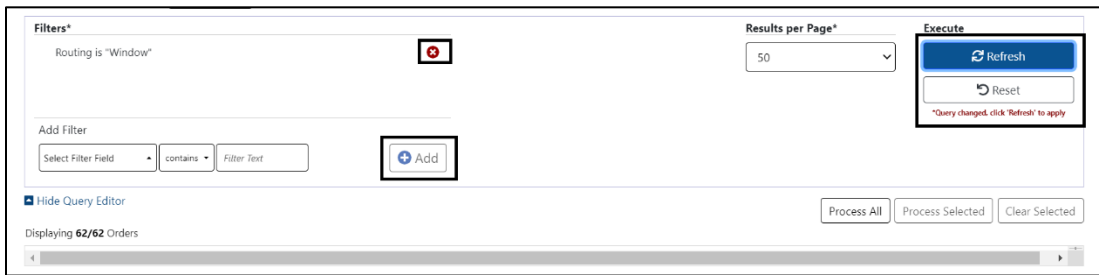
Continue building a filter by selecting from the dropdown **list of operators** “contains”, “is”, or “is not” as appropriate. For this example, Routing was selected, then the “is” operator was selected to further restrict output and “Window” was chosen as the Routing. See figure below:

Figure 25: Outpatient Orders by Date - Query Editor Filter



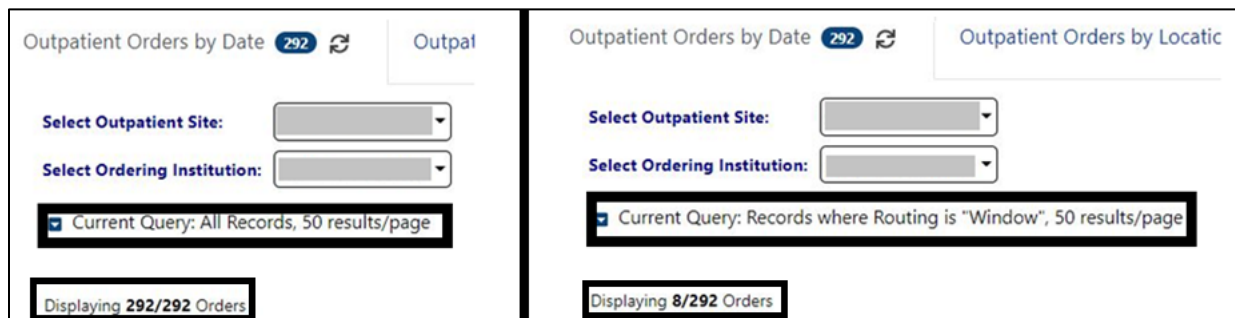
Click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. See figure below:

Figure 26: Outpatient Orders by Date - Query Editor Filter Applied



This filter reduced the results from 292 to 8.

Figure 27: Outpatient Orders by Date - Results of Query Filter Applied to List



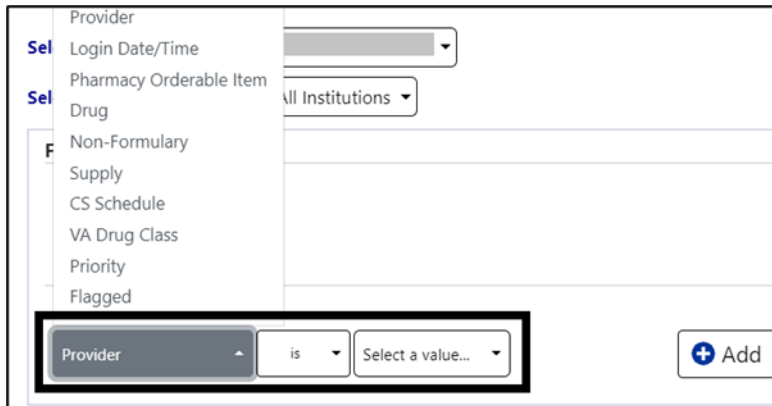
For some filters, **default values** are added to the operator and criteria. For example, if the Supply filter is chosen, the other fields default to “is” and “true”. See figure below:

Figure 28: Supply Filter - Defaults Other Fields



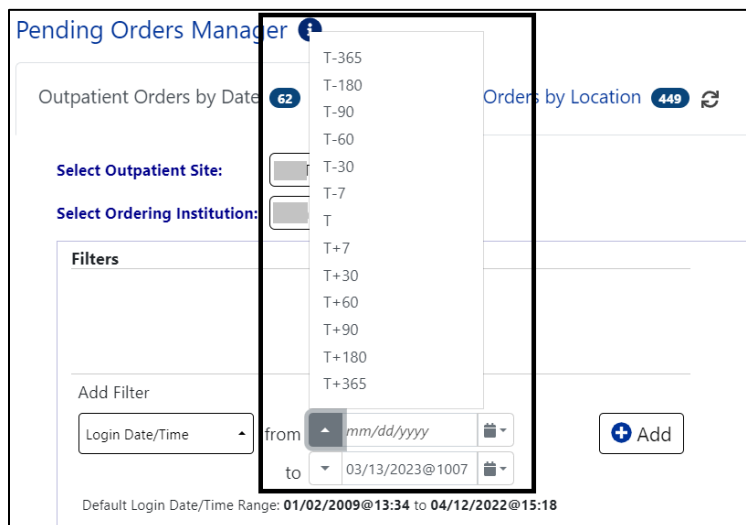
When the **Provider** filter is selected, the operator defaults to “is” and a dropdown list of providers is added. See figure below:

Figure 29: Provider Filter - Defaults



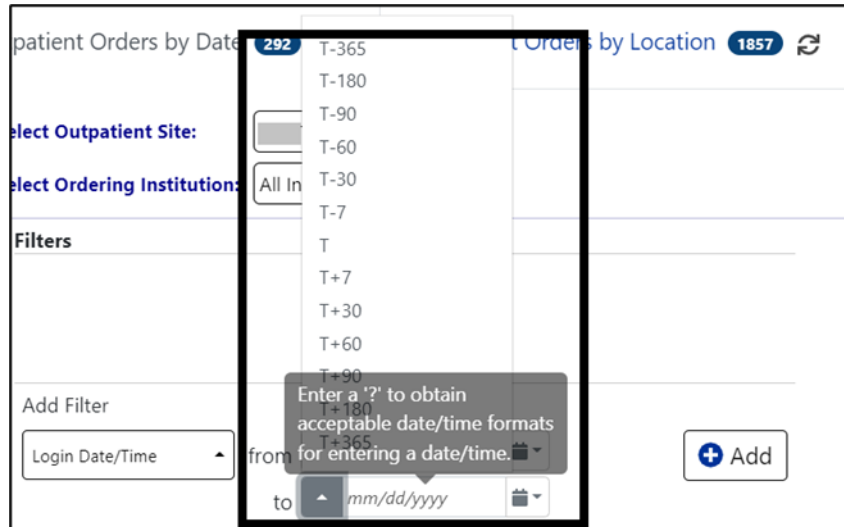
If a **date filter** is selected, a list of common date ranges is available by clicking the **arrow to the left of the date field**. See figure below:

Figure 30: Date Filter - Commonly Used Date Ranges



Help Text is available by hovering over the **date box**. This is a widely available feature throughout AMPL.

Figure 31: Query for Date Field Quick List



4.4. Outpatient Orders by Location

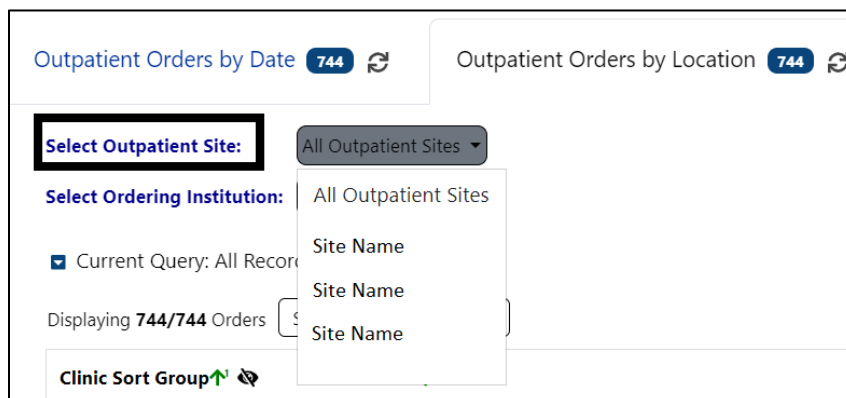
To display **Outpatient Orders by Location**, click on that tab from the Pending Orders Manager page, then select a specific **Outpatient Site** and **Ordering Institution**. The **total number** of orders will be visible in the blue bubble in the tab, as well as a **Refresh** button to update the list. See figure below:

Figure 32: Outpatient Orders by Location Tab



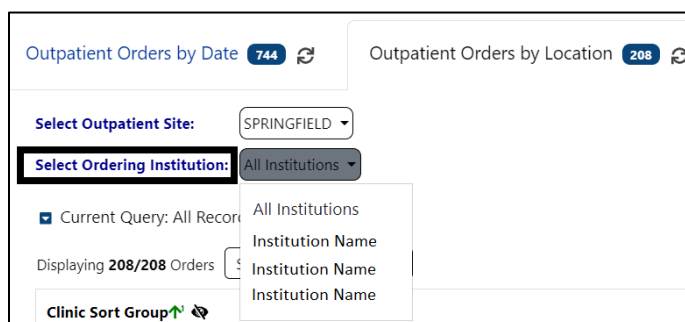
To select or change the **Outpatient Site**, click the **dropdown menu** and all sites related to the login facility will display. See figure below:

Figure 33: Outpatient Orders by Location - Site Selection



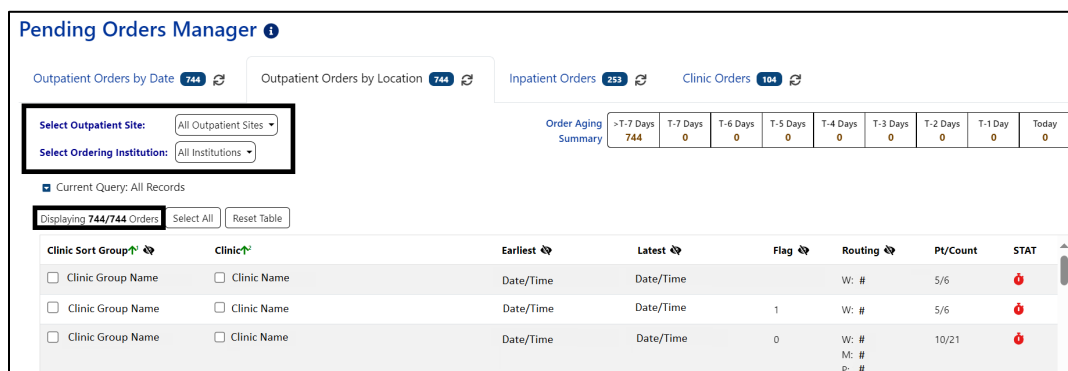
When an **Outpatient Site** is selected, the order display defaults to **All Ordering Institutions**. To further filter the orders for the site, select a specific **Ordering Institution** by using the dropdown menu and selecting from the list. See figure below:

Figure 34: Outpatient Orders by Location - Selecting an Ordering Institution



Once the **Ordering Institution** is selected, a list of orders for the location will display with the total number of orders. See figure below:

Figure 35: Outpatient Orders by Location - Site and Institution Selected



Some orders may display a **STAT symbol** in the last column. Hovering over the icon displays help text, “Indicates that there is at least one order for the clinic that has a priority of ‘STAT’, ‘ASAP (EMERGENCY)’ or has a schedule of ‘NOW’”. See figure below:

Figure 36: Outpatient Orders by Location - STAT Symbol

04/24/2009@15:45	0	M: 1	1/1	
12/03/2020@15:44				Indicates that there is at least one order for the clinic that has a priority of 'STAT', 'ASAP (EMERGENCY)' or has a schedule of 'NOW'.
11/09/2020@15:40	0	M: 4	2/4	

From this location list, orders may be processed for some or all locations. Selecting specific **Clinic Group(s) or Clinic(s)** adds the patients with orders from those clinics to the Select Patient(s) to Process list. The Select All button above the Clinic Group list adds all patients to the Patient(s) to Process list. A list of patients will display in the Select Patient(s) to Process list below the Location List. See figure below:

Figure 37: Outpatient Orders by Location - Clinic Selected

Current Query: All Records
 Displaying 49/49 Orders

Clinic Sort Group	Clinic	Earliest	Latest	Flag	Routing	Pt/Count	STAT
<input type="checkbox"/> Clinic Group Name	<input checked="" type="checkbox"/> Clinic Name	Date/Time	Date/Time	0	W: #	1/4	
	<input checked="" type="checkbox"/> Clinic Name	Date/Time	Date/Time	0	M: #	1/2	
	<input type="checkbox"/> Clinic Name	Date/Time	Date/Time	0	M: #	4/5	
	<input type="checkbox"/> Clinic Name	Date/Time	Date/Time	0	W: # M: #	12/38	

Select Patient(s) to Process

Current Query: All Records, 100 results/page
 Displaying 6/49 Orders

Name (PID)	DOB	STAT	Window	Mail	Parked	C II	C III-V	Flag	Earliest	Total
<input type="checkbox"/> Patient Name (Last 4 of SSN)	MM/DD/YYYY	0	0	2	0	1	0	0	Date/Time	2
<input type="checkbox"/> Patient Name (Last 4 of SSN)	MM/DD/YYYY	1	4	0	0	0	0	0	Date/Time	4

From the Select Patient(s) to Process List, select one or more patients and click the **Process Selected** button located above the Select Patient list at the top right. The **Process All** button adds all orders to the Patient Queue list for processing. See figures below:

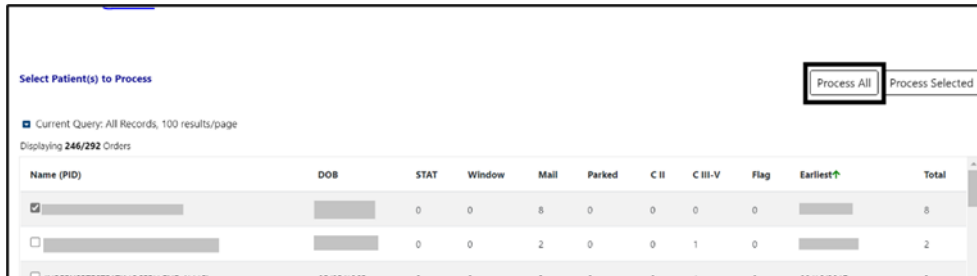
Figure 38: Outpatient Orders by Location - Select Patient(s) to Process List

Select Patient(s) to Process

Current Query: All Records, 100 results/page
 Displaying 246/292 Orders

Name (PID)	DOB	STAT	Window	Mail	Parked	C II	C III-V	Flag	Earliest	Total
<input checked="" type="checkbox"/> [Redacted]	[Redacted]	0	0	8	0	0	0	0	[Redacted]	8
<input type="checkbox"/> [Redacted]	[Redacted]	0	0	2	0	0	1	0	[Redacted]	2

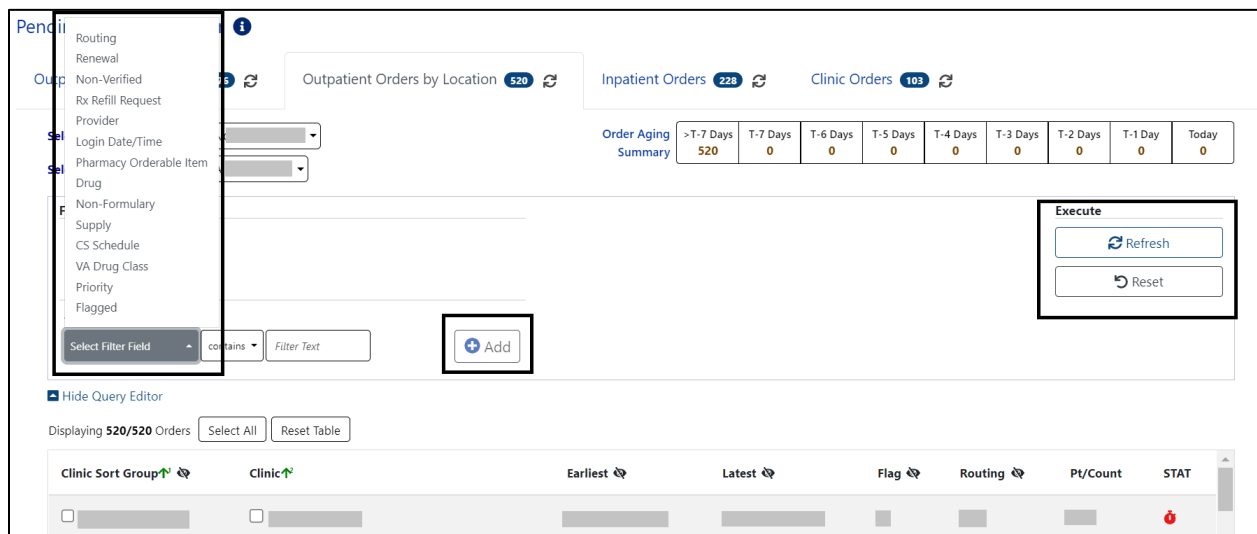
Figure 39: Outpatient Orders by Location - Process All Button



On the Outpatient Orders by Location Tab, there are two places to filter the list, the Group(s) and Clinic(s) section and the Patient(s) to Process section. The process is the same to modify both queries.

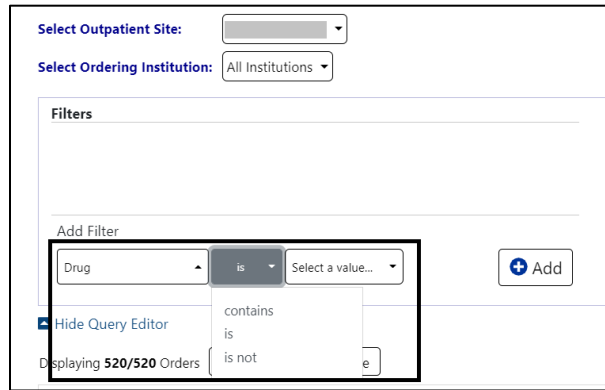
To filter the Orders list before processing, open the **Query Editor** by clicking on the arrow next to “**Current Query**” and selecting additional criteria from the Select **Filter Field** dropdown list. See figure below:

Figure 40: Outpatient Orders by Location - Query Editor Filters



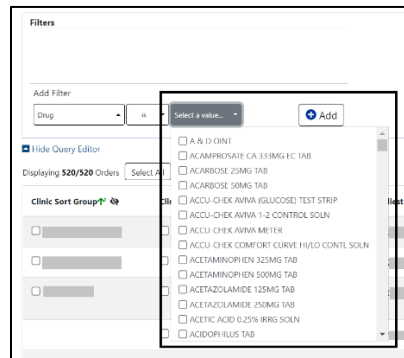
Choosing a field allows filtering by selecting from the **dropdown list** of operators “contains”, “is”, or “is not” as appropriate. For this example, Drug was selected, then the “is” operator was selected to further restrict output. See figure below:

Figure 41: Outpatient Orders by Location - Query Editor Filter Operators



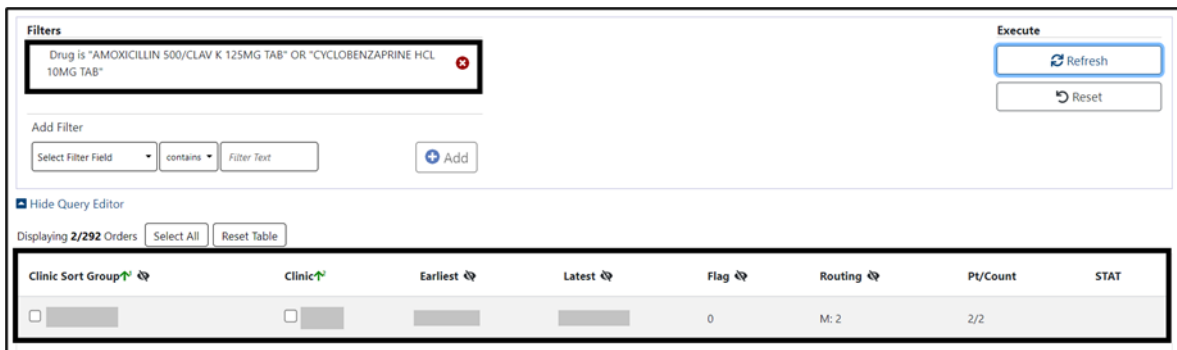
Next, click on the “**Select a value**” dropdown and a list of the available drugs with check boxes will display. Only drugs in the orders are displayed, not the entire drug file list. See figure below:

Figure 42: Outpatient Orders by Location - Query Editor Filters Drug Selected



Multiple drugs can be selected from the list. Once finished, click **Add** to have the filter added to the search criteria. See figure below:

Figure 43: Outpatient Orders by Location - Query Editor Search Criteria



Other filters may be added as needed. When finished, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters/sorts added by the user and return to the tab’s default, click the **Reset** button. See figure below:

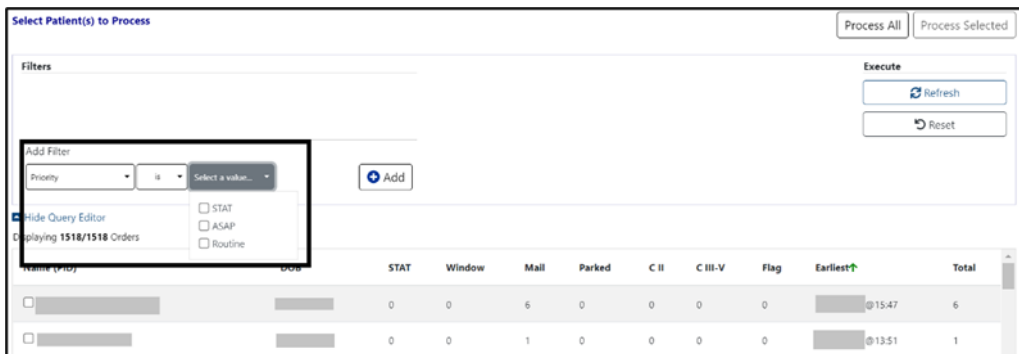
Figure 44: Outpatient Orders by Location - Query Editor Delete Icon



Queries can be set at both the Location and Patient Level.

To add a query at the patient level, select the query editor box in the Select Patient(s) to Process section. Build the filter using the process described above. In this example, the Patient List will be filtered by Priority. To filter the patient list, open the Query Editor by clicking on the arrow next to “**Current Query**” and selecting additional criteria from the Select Filter Field dropdown list. When the filter is completed, click **Add** to have the filter added to the search criteria. To apply filters in one or both sections, click the **Refresh** button in that section. See figure below:

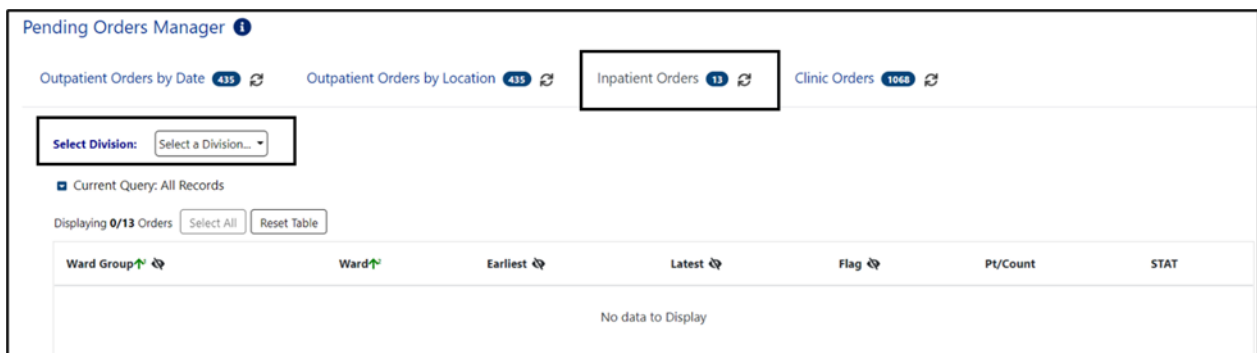
Figure 45: Outpatient Orders by Location - Patient Filter



4.5. Inpatient Orders

When the **Inpatient Orders** tab is selected from the Pending Orders Manager page, choose a **Division**. The total number of orders will be visible in the blue bubble in the tab, as well as a Refresh button to update the list. See figure below:

Figure 46: Inpatient Orders Tab



To select or change the Division, click on the dropdown menu to display a list of Divisions. Once a **Division** is selected, the ward group(s) or wards with pending Inpatient Orders will display. An Order Aging Summary is also included. If all pending inpatient orders are less than 1 hour old, the Order Aging Summary will show 0 orders in all columns. See figures below:

Figure 47: Inpatient Orders - Division Selection

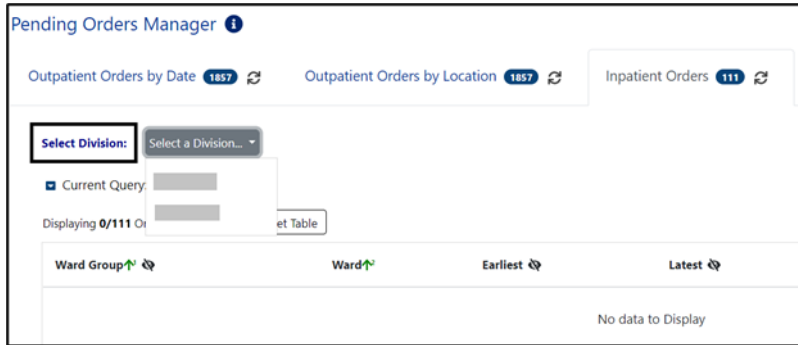


Figure 48: Inpatient Orders - Division Selected



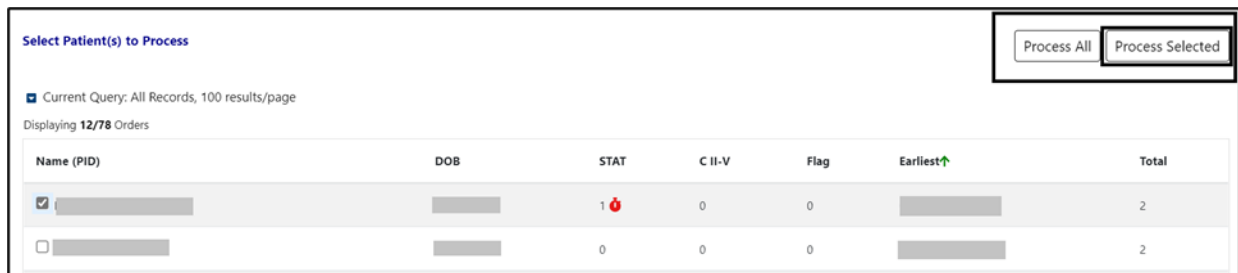
From this list, the user may select a **Ward Group**, **ward** or the **Select All** button. This will populate a list of patients in the Select Patient(s) to Process list. See figure below:

Figure 49: Inpatient Orders - Ward Group Selected



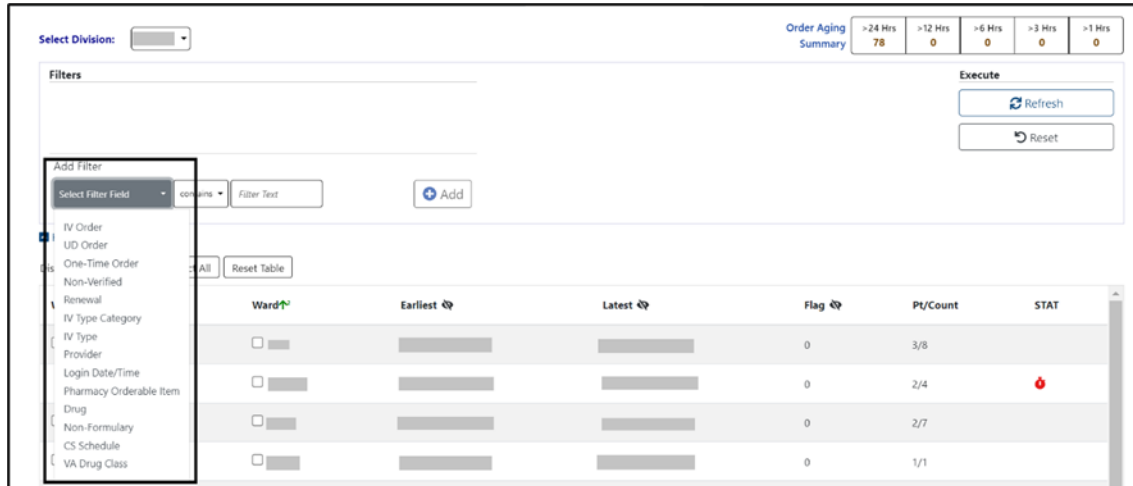
From the Select Patient(s) to Process list, one or more patients may be selected by checking the patient's name(s) and the **Process Selected** button. The complete list of patients may be loaded by using the Process All button. See figure below:

Figure 50: Inpatient Orders - Select Patient(s) to Process List



To further filter this list before processing, open the **Query Editor** by clicking on the arrow next to **Current Query**. Select the criteria for further filtering from the Select Filter Field dropdown list. See figure below:

Figure 51: Inpatient Orders - Query Editor Filters



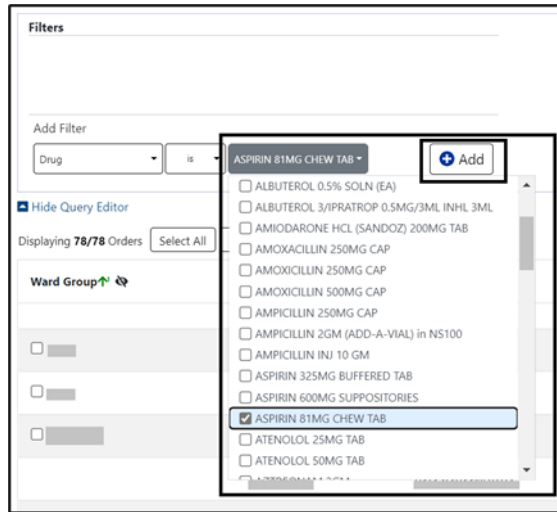
Continue building a filter by selecting from the **dropdown list of operators** “contains”, “is”, or “is not” as appropriate. For this example, Drug was selected, then the “is” operator was selected to further restrict output. See figure below:

Figure 52: Inpatient Orders - Query Editor Filter Applied



Next, click on the **“Select a value”** dropdown and a list of the available drugs with check boxes will display. Only drugs in the orders are displayed, not the entire drug file list. See figure below:

Figure 53: Inpatient Orders - Query Editor Filters Drug Value



Multiple drugs may be selected from the list. Click **Add** to have the filter added to the search criteria. See figure below:

Figure 54: Inpatient Orders - Query Editor Search Criteria



Continue this process with other filters as needed. When finished, click on **Refresh** to update the display. To delete a filter, select the **red "X" icon** to the right of it. To clear filters/sorts added by the user and return to the tab's default, click the **Reset** button. See figure below:

Figure 55: Inpatient Orders - Query Editor Delete Icon

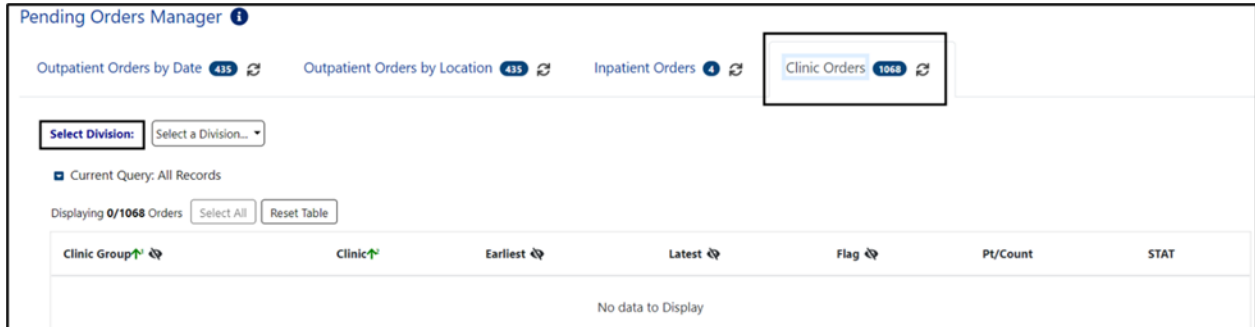


The list may be filtered at the Ward Group level or the Select Patient(s) to Process level.

4.6. Clinic Orders

When the **Clinic Orders tab** is selected from the Pending Orders Manager page, choose a **Division**. The total number of orders will be visible in the blue bubble on the tab, as well as a **Refresh** button to update the list. See figure below:

Figure 56: Clinic Orders Tab



To select or change the **Division**, click on the **dropdown menu**, it will display a list of Divisions. Once the Division is selected, the Clinic Group(s) and Clinic(s) associated with that Division will display. See figures below:

Figure 57: Clinic Orders - Select Division

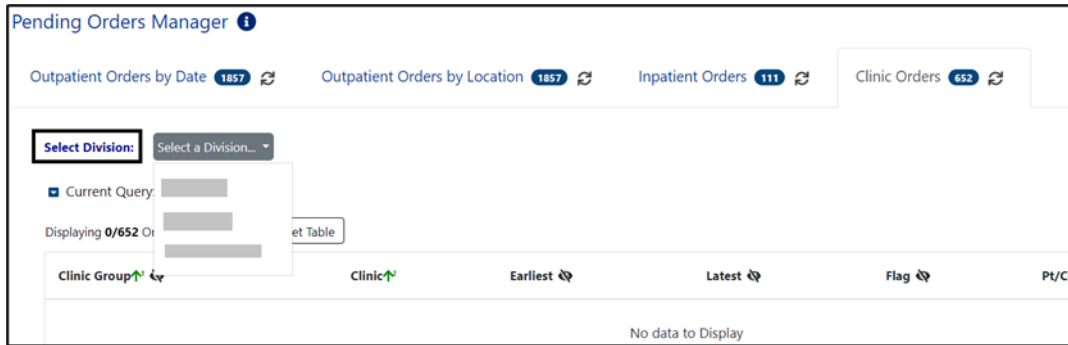
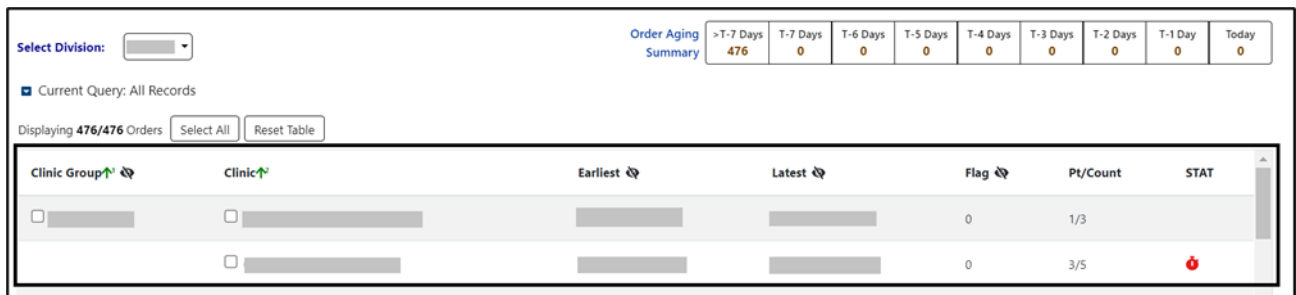


Figure 58: Clinic Orders - Division Selected



From this list, orders can be processed by selecting a **Clinic Group**, **Clinic** or the **Select All button**. The Select Patient(s) to Process list will populate with patients who have pending orders from the clinic(s) selected. See figure below:

Figure 59: Clinic Orders - Clinic Group Selected

Clinic Group	Clinic	Earliest	Latest	Flag	PT/Count	STAT
<input checked="" type="checkbox"/>				0	1/3	
<input checked="" type="checkbox"/>				0	3/5	!

Both the Clinic group and Select Patient(s) to Process lists may be further filtered using the **Query Editor**. To filter the list before processing, open the Query Editor for either the Clinic Group or Select Patient(s) to Process sections by clicking on the arrow next to “**Current Query**” in that section and choose the criteria to use by selecting from the **Select Filter Field** dropdown list. Additional filters may be added. See figure below:

Figure 60: Clinic Orders - Query Editor Filters

From the Select Patient(s) to Process list, one or more patients may be selected by checking the box in front of patient’s name and processed by clicking the **Process Selected** button. The cover sheet will open for the first patient chosen and other patients selected will be added to the Patient Queue. To add all the patients to the Patient Queue, select the **Process All** button. On the Select Patient to Process Table, a **toggle button**, next to the Process All button toggles between a summary listing of all pending clinic orders for a current patient and a listing of individual clinic orders for a patient by date and by pharmacy orderable item. See figure below:

Figure 61: Clinic Orders - Select Patient(s) to Process List Toggle On

Name (PID)	Clinic	DOB	STAT	C II-V	Flag	Earliest	Total
<input type="checkbox"/> Patient Name (Last 4 of SSN)	<input type="checkbox"/> Clinic Name	MM/DD/YYYY	0	0	0	Date/Time	1
<input type="checkbox"/> Patient Name (Last 4 of SSN)	<input type="checkbox"/> Clinic Name	MM/DD/YYYY	0	0	0	Date/Time	1

Figure 62: Clinic Orders - Select Patient(s) to Process List Toggle Off

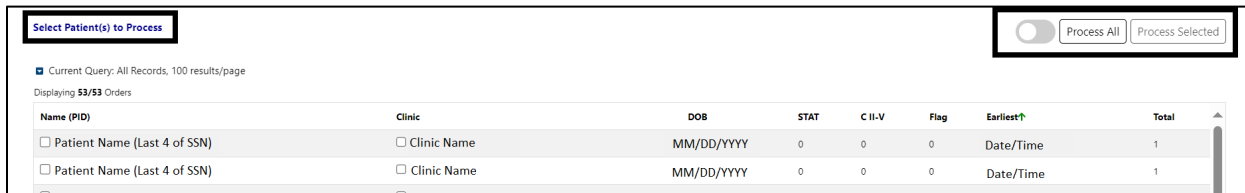
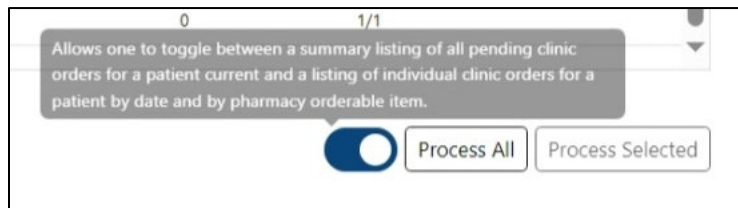


Figure 63: Clinic Orders - Select Patient(s) to Process List Toggle Button Help Text



5. Patient Coversheet

Once a patient has been selected, the **Patient Coversheet** displays with a header, footer, patient banner, and Tabs for domains, where the patient may have data stored. See figure below:

Figure 64: Patient Coversheet

The screenshot displays the Patient Coversheet interface. At the top, there is a blue header with 'VA | AMPL' and a toolbar containing 'VISTA Patient Lookup', 'VISTA', and 'Patient Queue(4)'. A yellow banner indicates 'COVID-19 Not Tested'. The main content area shows patient details: Patient Name (INPT/OUTPT), SSN, DOB, Gender, Ward/Room-Bed, Dx, Admitted, Last Transferred, Inpatient Attending, and Inpatient Provider. There are buttons for 'No Postings' and 'FLAG'. Below this, there are tabs for 'Med List', 'Allergies and ADRs', 'Vitals', 'Labs', 'Progress Notes', 'Consults', 'Problem List', 'Immunizations', and 'Appointments'. The 'Med List' tab is active, showing four categories: Outpatient, Inpatient, Clinic, and Non-VA, each with a 'No local active or DC'd/Expired medication orders found' message. At the bottom, there is a blue footer with four patient selection buttons.



NOTE: Like VistA and CPRS, new changes made to patient data after the patient's record is accessed in AMPL (entering a new order, discontinuing an active order) are not seen until the patient is refreshed. See figure below:

In AMPL, the Refresh button is used.

In CPRS, the File/Refresh Patient Information is used.

In VistA, close the patient in a backdoor pharmacy option and open the patient again.

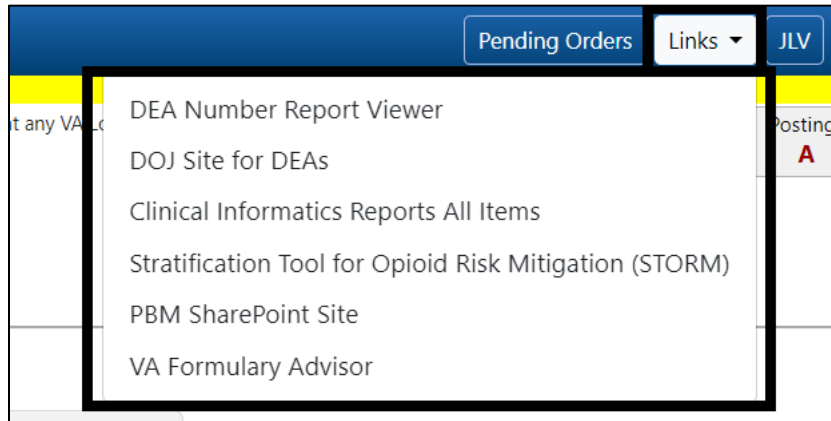
Figure 65: Refresh Patient Data



5.1. Links

Once a patient queue is populated and the first patient record is displayed, a new "Links" button is added to the blue AMPL toolbar. It contains links to outside sources of Clinical Information. See figure below:

Figure 66: Links Button



NOTE: This is an example list of links, they are subject to change.

5.2. Patient Banner

The patient banner with Covid-19 testing status, basic demographics, Creatinine Clearance, most recent Serum Creatinine lab result, Body Surface Area (BSA), Height, Weight, Body Mass Index (BMI) and Allergies/ADRs displays on the Coversheet. It also displays on all pages of the patient's record.

Basic patient demographics included in the patient banner are Patient Name, Social Security Number (SSN), Date of Birth (DOB), Gender, Last Clinic, Last Discharge, RX Patient Status, PCMM info, Eligibility, Service Connection % and Disabilities, Creatinine Clearance (CrCL), Body Surface Area (BSA), Height (HT), Weight (WT), Body Mass Index (BMI), and Patient Narrative. See figure below:

Figure 67: Patient Banner

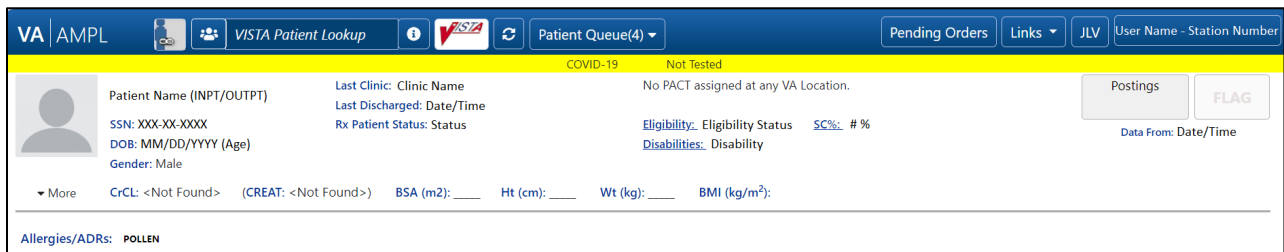
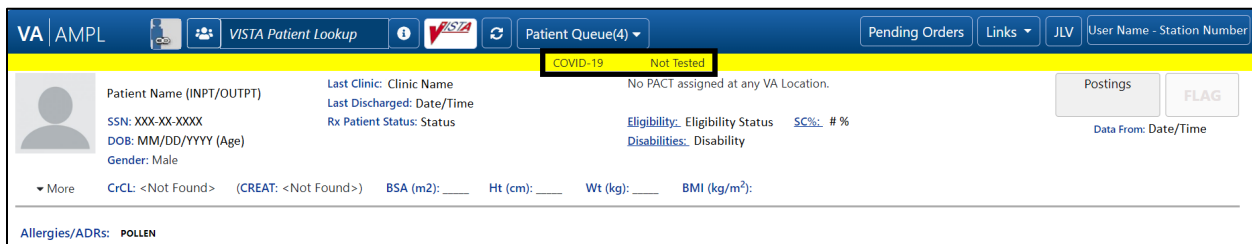


Figure 68: Covid-19 Testing Status



If a patient has mail restrictions, an envelope icon will be displayed below Postings and flag boxes.

Next to the mail icon, the specifications of Local Certified Mail or Local-Regular Mail will display a white envelope, Do Not Mail will display a white envelope with a red x and the expiration date will be displayed if applicable.

Figure 69: Mail Restrictions



i NOTE: To update a patient record, a Reload button is available. See figure below:

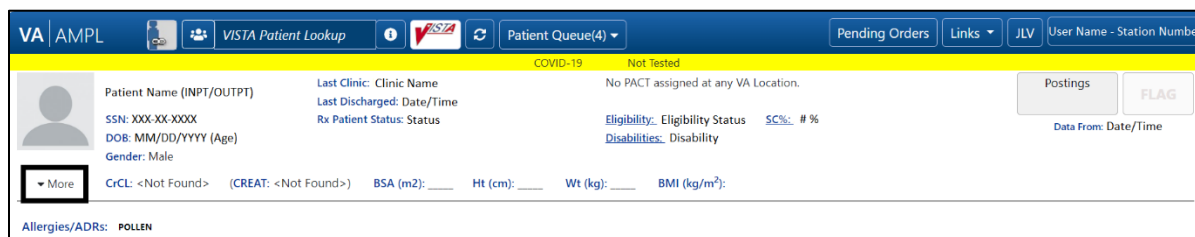
Figure 70: Patient Reload Button



5.3. Patient Detailed Demographics

In addition to the basic demographics on the Patient Coversheet, additional detailed Patient Demographic information can be accessed and viewed by selecting the **More** button in the patient header or on the patient picture. See figure below:

Figure 71: Patient Information Banner



The expanded view will display tabs that contain additional information on **Contact Info, Pharmacy Info, Eligibility, Social, Primary Care, Clinic Info, Military Service, and Health Plans/Insurance**. See figure below:

Figure 72: Patient Demographic - Details

Patient Name (INPT/OUTPT) Last Clinic: Clinic Name No PACT assigned at any VA location. Postings FLAG
 SSN: XXX-XX-XXXX Last Discharged: Date/Time Eligibility: Eligibility Status SCI: # %
 DOB: MM/DD/YYYY (Age) Rx Patient Status: Status Disabilities: Disability
 Gender: Male Data From: Date/Time
 CrCL: <Not Found> (CREAT: <Not Found>) BSA (m2): ____ Ht (cm): ____ Wt (kg): ____ BMI (kg/m²): ____

Contact Info Pharmacy Info Eligibility Social, Primary Care, Clinic Info Military Service Health Plans/Insurance

Mailing Address:
 Phone: ###-###-####
 Office: ###-###-####
 Cell: ###-###-####
 E-mail: Email Address
 Bad Addr: None
 Confidential Address:

Temporary Mailing Address:
 Address # and Street Name
 City, State, Zip Code
 Country
 County: County Name
 From/To: MM/DD/YYYY - MM/DD/YYYY
 Phone: ###-###-####

The **Contact Info** tab includes **Residential Address, Mailing Address, Temporary Mailing Address, Confidential Address, Emergency Response Information, Emergency Contact Information, Next of Kin Information, Language, Date/Time, Preferred Language, Secondary Emergency Contact Information, and Secondary Next of Kin Information.** See figure below:

If a patient has been seen at multiple facilities, the Emergency Response Indicator will be displayed from the last facility where the patient was treated.

Figure 73: Contact Info Tab

Contact Info Pharmacy Info Eligibility Social, Primary Care, Clinic Info Military Service Health Plans/Insurance

Residential Address:
 Address # and Street Name
 City
 State
 Zip Code
 County
 United States
 Phone: ###-###-####
 Office: ###-###-####
 Cell: ###-###-####
 E-mail: Patient's E-mail Address

Mailing Address:
 Address # and Street Name
 City State Zip Code
 United States
 County
 Bad Addr: If Applicable

Temporary Mailing Address:
 No Record Found

Confidential Address:
 No Record Found

Emergency Contact Information:
 No Record Found

Next of Kin Information:
 No Record Found

Language Date/Time: Date/Time
Preferred Language: Language

Secondary Emergency Contact Information:
 No Record Found

Secondary Next of Kin Information:
 No Record Found

The **Pharmacy Info** tab includes **CAP, Mail, Dialysis Patient, CNH Current, Nursing Home Contract, Respite Patient Start Date, Other Language Preference, Remarks, Inpatient/Outpatient Narrative, Mail Status Expiration Date, Patient Rx Status, Community Nursing Home, Last Date of Contract, Respite Patient End Date, and PMI Language Preference.** See figure below:

Figure 74: Pharmacy Info Tab

Pharmacy Information:

CAP: None

Mail: None

Dialysis Patient: None

CNH Current: None

Nursing Home Contract: None

Respite Patient Start Date: None

Other Language Preference: None

Remarks: [redacted]

Outpatient Narrative: [redacted]

Inpatient Narrative: None

Mail Status Expiration Date: None

Patient Rx Status: [redacted]

Community Nursing Home: None

Last Date of Contract: None

Respite Patient End Date: None

PMI Language Preference: None

The **Eligibility tab** includes Combat Vet Status, Unemployable, Permanent & Total Disabled, Current Means Test Status, Medication Copayment Exemption Status, Rx Patient Status, Primary Eligibility, SC Percent, Rated Disabilities and Environmental Factors. See figure below:

If a patient has been seen at multiple facilities, the following eligibility data will be displayed from the last facility where the patient was treated:

- Current Means Test
- Copay Income Exemption Status
- Primary Eligibility
- Service-Connected
- Service-Connected Percentage
- Environmental Factors (Agent Orange, Radiation, Persian Gulf, Head Neck Cancer (HNC), and Military Sexual Trauma (MST))

Figure 75: Eligibility Tab

Eligibility Information:

Combat Vet Status: [redacted]

Unemployable: [redacted]

Permanent & Total Disabled: [redacted]

Current Means Test Status: [redacted]

Medication Copayment Exemption Status: [redacted]

Rx Patient Status: [redacted]

Primary Eligibility: [redacted]

SC Percent: [redacted]

Rated Disabilities: HYPERTENSIVE HEART DISEASE (30% - SC)

Environmental Factors: No Record Found

The **Social, Primary Care, Clinic Info tab** includes Marital Status, Race, Ethnicity, Religious Preference, Method of Collection, Inpatient Attending, Inpatient Provider, Currently enrolled in clinics, and Future Appointments. Primary Care information for patients who are currently admitted includes local Inpatient Attending and Inpatient Provider with Remote site's PACT and Primary Care Provider with phone number. For Outpatients, it includes local and remote sites' PACT and Primary Care Provider with phone number. See figure below:

Figure 76: Social, Primary Care, Clinic Info Tab

The screenshot shows a navigation bar with tabs: Contact Info, Pharmacy Info, Eligibility, **Social, Primary Care, Clinic Info**, Military Service, and Health Plans/Insurance. The main content area is titled "Social History:" and contains the following information:

- Marital Status: Patient Marital Status
- Race: Patient Race
- Ethnicity: Patient Ethnicity
- Religious Preference: Patient Religious Preference
- Method of Collection: None
- Method of Collection: None

Below this is a section titled "Primary Care Information:" with the text "No PACT assigned at any VA Location." and "Currently enrolled in clinics: None". At the bottom, it says "Future Appointments: None".

The **Military Service tab** includes a Service Branch/Component table including the Service #, Entered, Separated, and Discharge. Additional information displays including Conflict Locations, Environmental Factors, Prisoner of War (POW) including From/To, Combat including From/To, War, Location, Military Disability Retirement, Discharge due to Disability, Dental Injury, Teeth Extracted, Purple Heart, and Purple Heart Status. See figure below:

If a patient has been seen at multiple facilities, the following military data will be displayed from the last facility where the patient was treated:

- Military service episodes
- Military conflict locations (Vietnam, Lebanon, Grenada, Panama, Persian Gulf, Somalia, and Yugoslavia)
- Military POW information
- Military Combat information
- Military Service Environmental Factors (Agent Orange, Radiation, Persian Gulf, Head Neck Cancer (HNC), and Military Sexual Trauma (MST))
- Purple Heart information

Figure 77: Military Service Tab

The screenshot shows the navigation bar with the **Military Service** tab highlighted. The main content area is titled "Military Service Information:" and contains a table with the following data:

Service Branch / Component	Service #	Entered	Separated	Discharge
ARMY /0				
ARMY /0				

Below the table are several status indicators:

- Conflict Locations: No Record Found
- Environmental Factors: No Record Found
- POW: No Record Found
- Combat:
- Military Disability Retirement:
- Discharge Due to Disability:
- Dental Injury:
- Teeth Extracted:
- Purple Heart:
- Purple Heart Status:

The **Health Plans/Insurance tab** includes Health Benefit Plans Currently Assigned to Veteran and a Health Insurance Information table including the Insurance name, Phone Number, Subscriber ID, Group, Holder, Effective date, and Expiration date. See figure below:

Figure 78: Health Plans/Insurance Tab

Health Benefit Plans Currently Assigned to Veteran:
 VETERAN PLAN - [REDACTED]

Health Insurance Information:

Insurance	Phone No	Subscriber ID	Group	Holder	Effective	Expires
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

For additional Primary Care information, click on the **Primary Care Provider (PCP) information** and a pop-up window will display. For an outpatient, local and remote PACT and Primary Care provider information displays. If patient is currently admitted, the display includes Inpatient Attending and Inpatient Provider. See figures below:

Figure 79: Primary Care Team Information

VA | AMPL | VISTA Patient Lookup | Patient Queue(6) | Pending Orders

COVID-19 Negative

SSN: [REDACTED] | DOB: [REDACTED] | Gender: [REDACTED]

Last Clinic: [REDACTED] | Last Discharged: [REDACTED] | Rx Patient Status: [REDACTED]

Mental Health Treatment Coordinator: [REDACTED] PCP: [REDACTED]

[Eligibility:](#) [SCL:](#) [Disabilities:](#)

Figure 80: Primary Care Details - Outpatient

Primary Care

LOCAL - [REDACTED] ()

PACT: [REDACTED] || Phone: [REDACTED]

Primary Care Provider: [REDACTED] || Phone: [REDACTED]

Close

Figure 81: Primary Care Details - Inpatient

Primary Care

Inpatient Attending: [REDACTED] || Phone: [REDACTED] || Pager: [REDACTED]

Inpatient Provider: [REDACTED] || Phone: [REDACTED] || Pager: [REDACTED]

LOCAL - [REDACTED] ()

PACT: [REDACTED] || Phone: [REDACTED]

Primary Care Provider: [REDACTED] || Phone: [REDACTED]

Close

If a user makes changes to only patient demographics information in VistA, those changes will not be reflected in VDIF or AMPL. Patient demographics by themselves do not trigger propagation of data to VDIF.

When other changes are made for the patient that will trigger data propagation from VistA to VDIF, patient demographics changes will also be propagated to AMPL.

Examples of data that will trigger propagation are addition of a medication order or allergy or a status change of a medication order or allergy.

5.4. Patient Banner Allergies/Adverse Reactions (ADRs)

As part of the patient banner, details of an **Allergy/ADR** listed can be viewed by selecting the entry without having to go into the Allergy/ADR tab to find the record(s). See figure below:

Figure 82: Allergies/ADRs Listed in Patient Banner

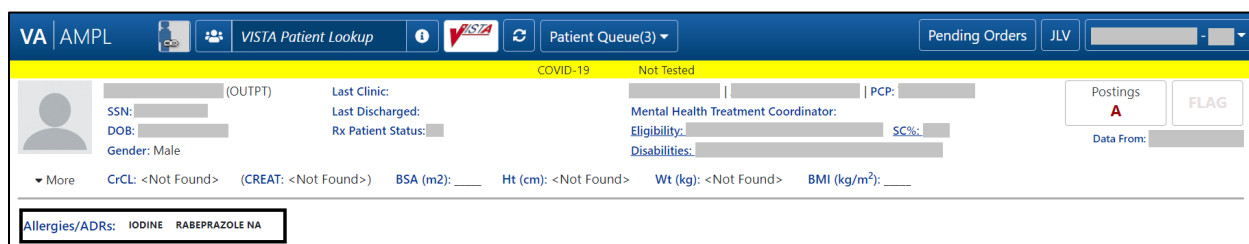
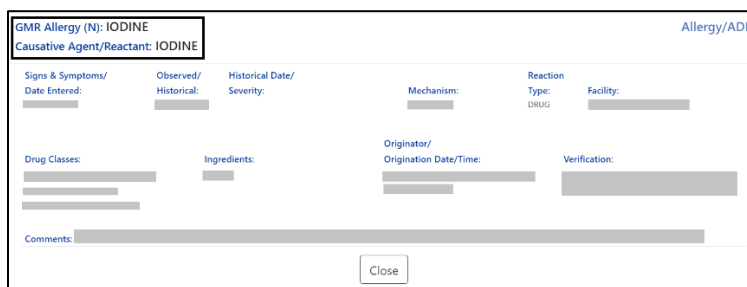


Figure 83: Allergy Banner Pop-Up Window



The **Allergy/ADR** window information lists the **GMR Allergy** with identifier of the **originating file**, **Causative Agent/Reactant**, **Signs & Symptoms/Date Entered**, **Observed/Historical**, **Observation/Historical Date/Severity**, **Mechanism**, **Reaction Type**, **Facility**, **Drug Classes**, **Ingredients**, **Originator/Origination Date/Time**, **Verification**, and **Comments**.

The GMR Allergy identifier is determined by the file source of the allergen as shown in the table below:

Table 1: Allergy Identifier

Identifier	Originating File	Vista File Name/Number
N	National Drug file, Generic name	VA GENERIC file (#50.6)
N	National Drug file, Trade name	NDC/UPN file (#50.67)
A	VA Allergies file	GMR ALLERGIES (#120.82)
C	VA Drug Class	VA DRUG CLASS (#50.605)
I	Ingredients	DRUG INGREDIENTS (#50.416)

5.5. Crisis, Warnings, Allergies, and Directives (CWAD) Postings

The Crisis, Warnings, Allergies, and Directives (CWAD) Postings button, contained in the header of the AMPL GUI application coversheet, will display only applicable letters from CWAD if the patient record contains any critical information. The CWAD postings are signed/completed progress notes for a patient and the posting letters are:

“C” represents Crisis Notes and is cautionary information about critical behavior or patient health (i.e., suicide attempt).

“W” represents Warning Notes and are notifications that inform about possible risks associated with the patient (i.e., violent patient)

“A” represents any Allergy/ADR that is recorded for the patient or if no allergy assessment has been performed for the patient.

“D” represents Directives (advanced directives) and recorded agreements made by the patient and/or family with clinical staff (i.e., Do Not Resuscitate [DNR]).

If the record does not contain any postings, the CWAD Posting button will be labeled ‘No Postings’.

If the record contains No Known Allergies (NKA), the CWAD button will say ‘No Posting’ however when you click on the CWAD button it will display ‘No Known Allergies’ on the top half of the posting window.

See figures below:

Figure 84: Postings Buttons - Indicating Critical Information

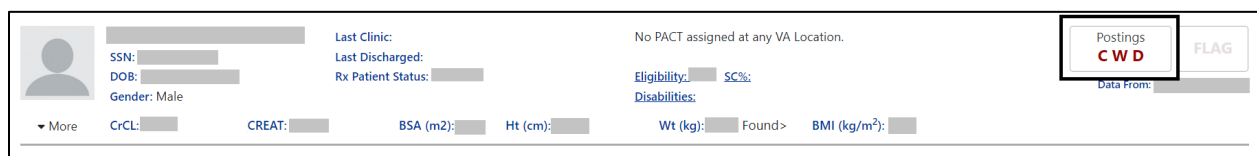
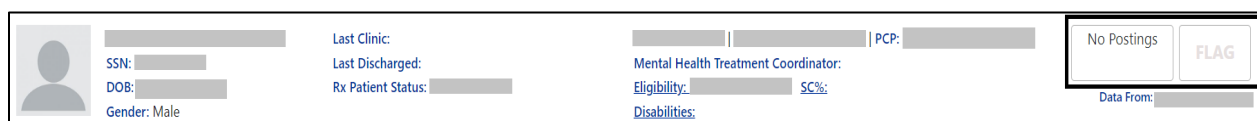
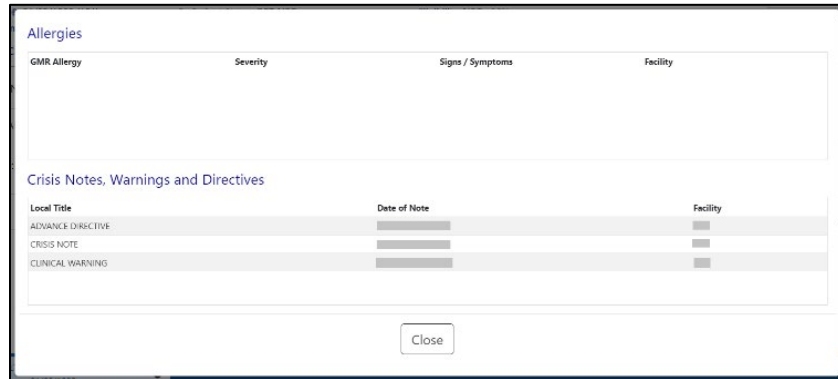


Figure 85: Postings Buttons - Indicating No Postings



If letters are shown, indicating postings, click on the **Posting button** and a list will appear in a pop-up window. See figure below:

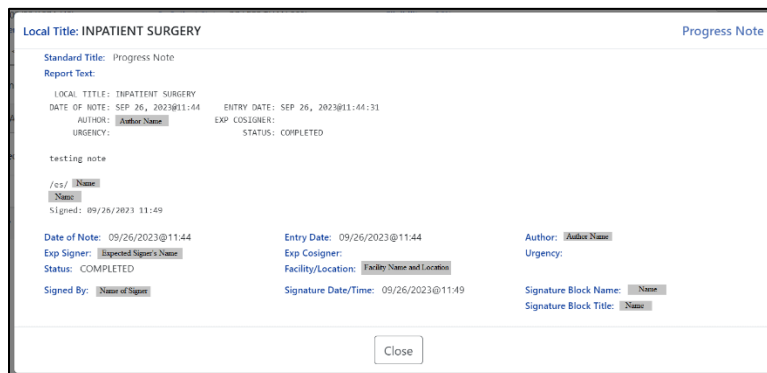
Figure 86: CWAD - List Window



The information under Allergies includes **GMR Allergy, Severity, Signs/Symptoms, and Facility**. The information under Crisis Notes, Warnings, and Directives includes **Local Title, Date of Note, and Facility**.

For more detail on any of the postings, click on the individual listing in the CWAD list window, and more information will display. The information displayed includes **Standard Title, Report Text, Date of Note, Exp Signer, Status, Signed By, Entry Date, Exp Cosigner, Facility/Locations, Signature Date/Time, Author, Urgency, Signature Block Name and Signature Block Title**. See figure below:

Figure 87: CWAD - Detailed Display



6. Patient Domain Tabs

Below the Patient header, data is organized under domain tabs. These tabs include **Med List**, **Allergies and ADRs**, **Vitals**, **Labs**, **Progress Notes**, **Consults**, **Problem List**, **Immunizations**, and **Appointments**.

Figure 88: Patient Data Domain Tabs

6.1. Med List Tab

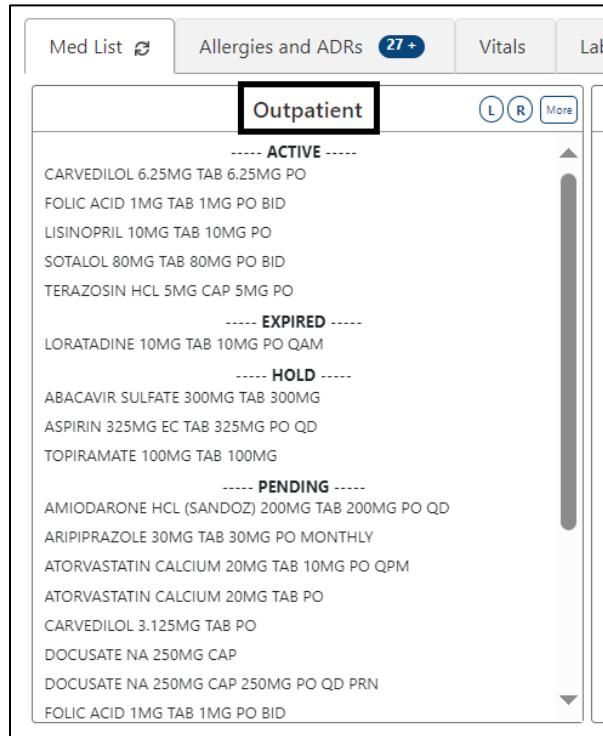
The Med List Tab displays med orders for **Outpatient**, **Inpatient**, **Clinic**, and **Non-VA**. There is a refresh button available to refresh the patient's med list. See figure below:

Figure 89: Med List Tab

6.1.1. Outpatient Med List

The Outpatient Med list displays **Active**, **Expired**, **Discontinued**, **Non-verified**, **Hold** and **Pending Orders**. The medications included in the discontinued and expired categories are determined by RECENTLY DC'D/EXPIRED DAYS Field (#3.2) in the OUTPATIENT SITE (#59) File.

Figure 90: Outpatient Med List



To include Local clinic orders, click on the Local Orders (L) button.

To include **Remote** clinic orders, click on the **Remote Orders (R)** button in the Non-VA header. If Remote button is disabled, it indicates patient does not have remote orders. See figures below:

Figure 91: Outpatient Med List - Remote Orders Button

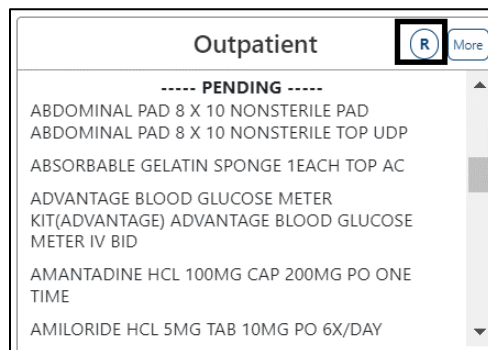
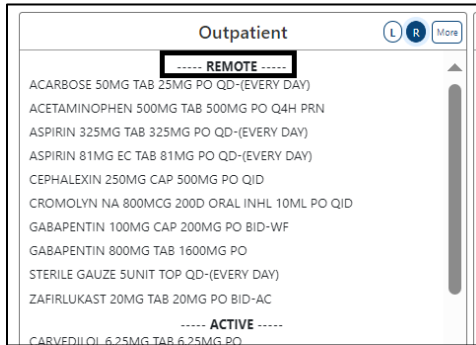


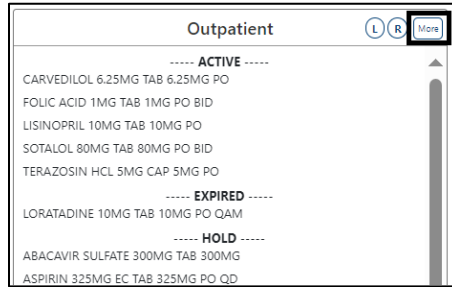
Figure 92: Outpatient Med List - Remote Orders



6.1.1.1. Outpatient Med List - Expanded View

The **More** button will bring up the **Expanded View**. See figure below:

Figure 93: Outpatient Med List - More Button



The Expanded view displays additional details, including **RX#, Generic Drug Name, Dosage, Route, Schedule/(Duration), Issue Date, Quantity, Days' Supply, Route, Refills (total and remaining), Last Fill Date, Status and Provider**. See figure below:

Figure 94: Outpatient Med List - Expanded View

Expanded View of Outpatient Medication Orders

Show Remote Orders

RX#	Generic Drug Name	Dosage	Route	Schedule/ (Duration)	Issue Date	Qty	Supply	Rte	Ref	Last Fill Date	Status	Provider
ACTIVE												
2722511 >	CARVEDILOL 6.25MG TAB	6.25MG	PO		09/07/2023	120	90	W	3/3	09/07/2023	A	Provider Name
2722365 >	FOLIC ACID 1MG TAB	1MG	PO	BID	05/22/2023	180	90	W	3/3	05/22/2023	A	Provider Name
2722513 >	LISINAPRIL 10MG TAB	10MG	PO		09/07/2023	4	90	W	3/3	09/07/2023	S	Provider Name
2722526 >	SOTALOL 80MG TAB	80MG	PO	BID	09/29/2023	180	90	M	2/2	09/29/2023	S	Provider Name
2722508 >	TERAZOSIN HCL 5MG CAP	5MG	PO		09/07/2023	3	90	W	3/3	09/07/2023	A	Provider Name
EXPIRED												
2722246 >	LORATADINE 10MG TAB	10MG	PO	QAM	10/27/2022	1	1	W	4/4	10/27/2022	E	Provider Name
HOLD												
2722509 >	ABACAVIR SULFATE 300MG TAB	300MG			09/07/2023	3	90	W	3/3		H	Provider Name
2722510 >	ASPIRIN 325MG EC TAB	325MG	PO	QD	09/07/2023	90	90	W	3/3		H	Provider Name
2722512 >	TOPIRAMATE 100MG TAB	100MG			09/07/2023	8	90	W	3/3		H	Provider Name

Close

6.1.1.2. Outpatient Med List – Expanded View Help Text

Help text for each column of the Expanded View of Outpatient Med Orders is displayed by hovering over the column header. See figure below:

Figure 95: Outpatient Med List - Help Text

The number of days one fill of the prescription is intended to last.

RX#	Generic Drug Name	Dosage	Route	Schedule/ (Duration)	Issue Date	Days			Ref	Last Fill Date	Status	Provider
						Qty	Supply	Rte				
ACTIVE												
2722511 >	CARVEDILOL 6.25MG TAB	6.25MG	PO		09/07/2023	120	90	W	3/3	09/07/2023	A	Provider Name
2722365 \$ >	FOLIC ACID 1MG TAB	1MG	PO	BID	05/22/2023	180	90	W	3/3	05/22/2023	A	Provider Name
2722513 \$ >	LISINAPRIL 10MG TAB	10MG	PO		09/07/2023	4	90	W	3/3	09/07/2023	S	Provider Name
2722526 \$ >	SOTALOL 80MG TAB	80MG	PO	BID	09/29/2023	180	90	M	2/2	09/29/2023	S	Provider Name
2722508 \$ >	TERAZOSIN HCL 5MG CAP	5MG	PO		09/07/2023	3	90	W	3/3	09/07/2023	A	Provider Name
EXPIRED												
2722246 >	LORATADINE 10MG TAB	10MG	PO	QAM	10/27/2022	1	1	W	4/4	10/27/2022	E	Provider Name
HOLD												
2722509 \$ >	ABACAVIR SULFATE 300MG TAB	300MG			09/07/2023	3	90	W	3/3		H	Provider Name
2722510 \$	ASPIRIN 325MG EC TAB	325MG	PO	QD	09/07/2023	90	90	W	3/3		H	Provider Name
2722512 \$ >	TOPIRAMATE 100MG TAB	100MG			09/07/2023	8	90	W	3/3		H	Provider Name

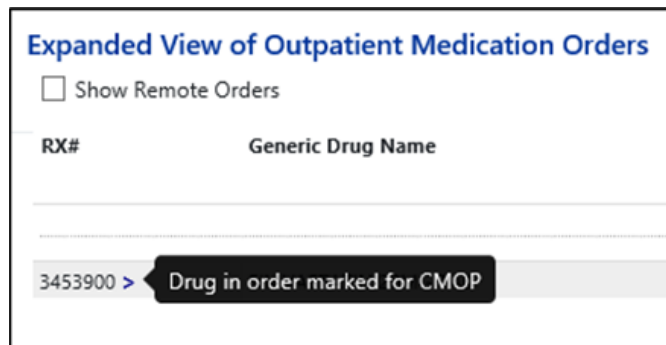
6.1.1.3. Outpatient Med List - Expanded View Indicators

Outpatient med orders can display various indicators such whether a prescription is copay eligible or marked for Consolidated Mail Outpatient Pharmacies (CMOP), highly automated facilities that fill and mail prescriptions to Veterans. Indicators such as the greater sign (>), an indicator for a CMOP drug, displays after the RX#. Other indicators include “t” for a Titration RX, \$ for copay eligible, “T” for last fill in transmitted or retransmitted CMOP state and “e” for electronic third party billable are displayed immediately after the Prescription Number. See figure below:

Table 2: Indicators

Indicators	Description
CMOP Indicators	<p>There are two separate indicators when the drug in an order is marked for Consolidated Mail Outpatient Pharmacy (CMOP) processing. This indicator is displayed after the Order Status if applicable.</p> <ul style="list-style-type: none"> > Drug for the prescription is marked for CMOP T Displayed when the last fill is either in a Transmitted or Retransmitted <p>CMOP state. (This indicator can overwrite the “>” indicator.</p>
Copay Indicator	<p>A “\$” displayed to the right of the prescription number indicates the prescription is copay eligible.</p>
ePharmacy Indicator	<p>An ‘e’ displayed to the right of the prescription number indicates that the prescription is electronic third party billable.</p>
Inbound eRX Indicator	<p>An “&” indicates the prescription was received from an outside provider as an Inbound ePrescription.</p>
Return to Stock Indicator	<p>An “R” displayed to the right of the Last Fill Date indicates the last fill was returned to stock.</p>
Titration Indicator	<p>A ‘t’ indicates the prescription is a complex order that includes ‘then’ conjunction</p>
Maintenance RX (Titration)	<p>An “m” displayed to the right of the prescription number indicates the prescription has been converted to a maintenance RX from a Titration RX (complex order with a ‘then’ conjunction)</p>

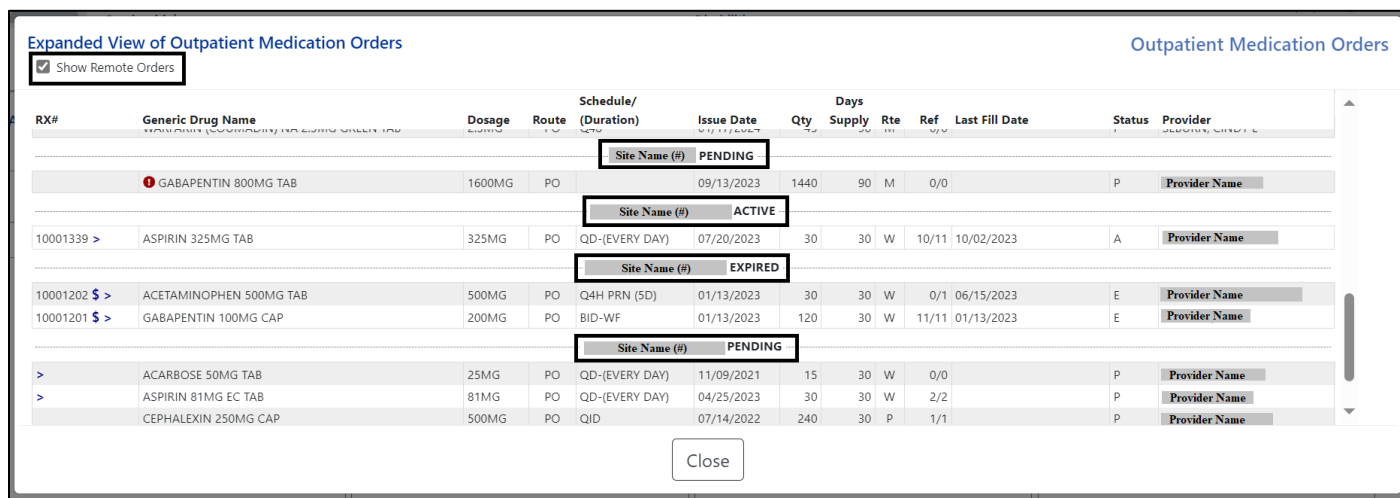
Figure 96: CMOP Indicator



6.1.1.4. Outpatient Med List - Expanded View Remote Orders

A checkbox for Remote Orders is located at the upper left of the window. By checking this box, the remote orders will display at the bottom. See figure below:

Figure 97: Outpatient Med List - Show Remote Orders Checkbox



6.1.1.5. Outpatient Med Order - Details

To view details of an Outpatient Med Order, click on it in the Med List or the Expanded View. A pop-up will display with details about the order.

At the bottom of the display, buttons are available to display additional information related to the order including **Order Checks**, **Drug Restrictions/Guidelines**, **Drug Info**, **Provider Info** and **Activity Log**. See figures below:

Figure 98: Outpatient Med Order – Active Order Detail Screen

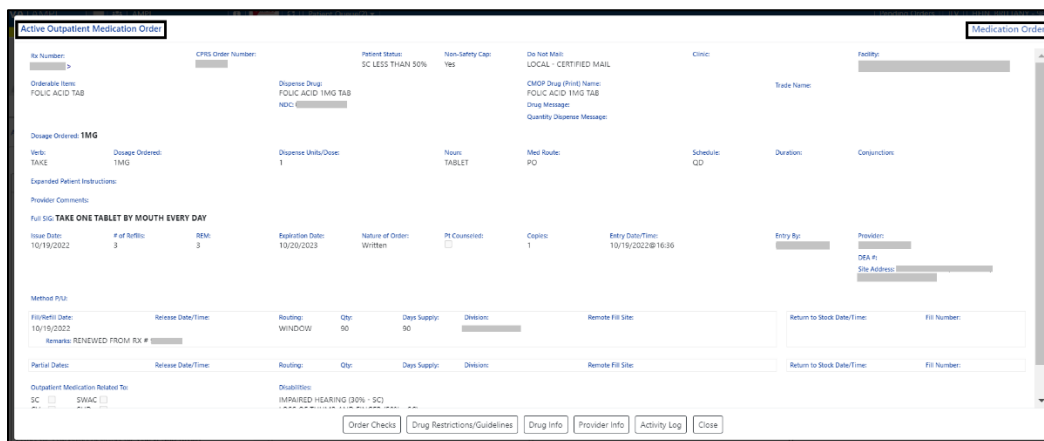


Figure 99: Outpatient Med Order – Pending Order Detail Screen

Figure 100: Outpatient Med Order – Additional Details

Clicking on one of the buttons displays order details relevant to the button selected. See figures below for examples of each:

Figure 101: Outpatient Med Order – Order Check

Figure 102: Outpatient Med Order - Drug Restriction/Guideline Information

Figure 103: Outpatient Med Order - Drug Info

Drug Name: ABACAVIR300/LAMIVUDINE150/ZDV 300MG TAB (IEN: [REDACTED])

VA Print Name: ABACAVIR300/LAMIVUDINE150/ZDV 300MG TAB CMOP ID#: [REDACTED]
 VA Product Name: ABACAVIR S04 300MG/LAMIVUDINE CMOP Dispense: NO
 150MG/ZIDOVIDINE 300MG TAB
 Orderable Item: ABACAVIR/LAMIVUDINE/ZIDOVIDINE TAB (N/F) NDF DF: TAB
 Orderable Item Text:
 Refer to HIV/AIDS TAG treatment guidelines

Synonym(s): TRIZIVIR Intended Use: TRADE NAME
 00173069100 DRUG ACCOUNTABILITY

Message: NATL FORM (4/08) (EPHARM)

DEA, Special Hdq: [REDACTED] NDC: [REDACTED]
 DAW Code:
 CS Federal Schedule: 0

Hazardous to Handle: YES

Inactive Date:
 Warning Label(s):
 125N - Breast milk can transmit your infection to your infant; therefore, DO NOT breastfeed.
 62N - May cause dizziness
 16N - This drug may impair the ability to operate a vehicle, vessel (e.g., boat), or machinery. Use care until you become familiar with its effects.
 5N - Medication should be taken with plenty of water.
 298N - Read the boxed warning information for this medication.

Close

Figure 104: Outpatient Med Order - Provider Info

Provider Information

Name: [REDACTED]
 Initials: VSK
 NON-VA Prescriber: Tax ID:
 Exclusionary Check Performed: Date Exclusionary List Checked:
 On Exclusionary List:
 Exclusionary Checked By:
 Authorized to Write Orders: YES
 Requires Cosigner: NO DEA#:
 Detox/Maintenance ID#:
 Class: VA#: [REDACTED]
 Type: FULL TIME NPI#
 Remarks:
 Synonym(s): VSK
 Service/Section: [REDACTED]

Close

Figure 105: Outpatient Med Order - Activity Log

Rx Activity Log

Original Fill Log:
 Rx #: [REDACTED] Original Fill Released:
 Routing: WINDOW Finished by: [REDACTED]

Refill Log:

#	Log Date	Refill Date	Qty	Routing	Lot #	Pharmacist
There are no Refills for this Prescription.						

Partial Fills:

#	Log Date	Date	Qty	Routing	Lot #	Pharmacist
There are no Partialfills for this Prescription.						

Activity Log:

#	Date/Time	Reason	Rx Ref	Initiator Of Activity
1	08/12/2022	PATIENT INST	ORIGINAL	

 Comments: Patient Instructions Not Sent By Provider.

Label Log:

#	Date/Time	Rx Ref	Printed By
There are no Labels printed.			

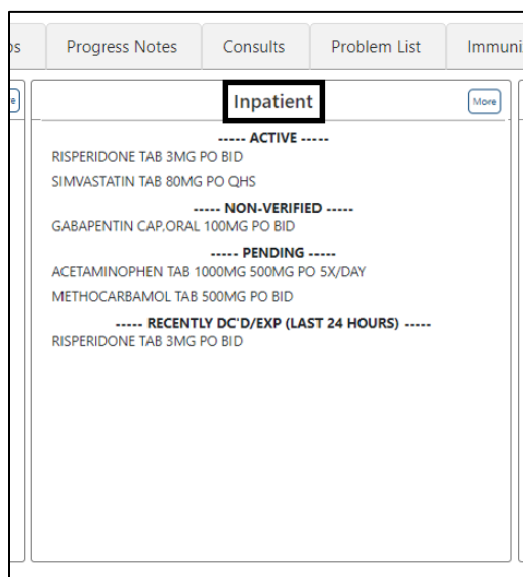
Copay Activity Log:

Close

6.1.2. Inpatient Med List

The Inpatient Med List displays **Active, Non-Verified, Pending and Recently DC'd/Expired (Last 24 Hours)** for patients currently admitted at the local facility. See figure below:

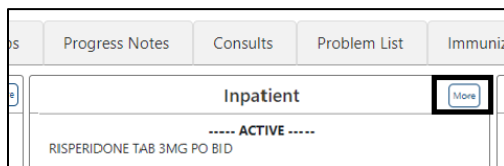
Figure 106: Inpatient Med List



6.1.2.1. Inpatient Med List - Expanded View

The **More** button will bring up the **Expanded View**. See figure below:

Figure 107: Inpatient Med List - More Button



The Expanded View includes **Generic Drug Name, Dosage/Infusion Rate, Route, Schedule/Duration, Schedule Type, Start Date/Time, Stop Date/Time, Status, Last BCMA Action, Action Status, Missing Dose Indicator, WS/PD Indicator, and Provider**. See figure below:

Figure 108: Inpatient Med List - Expanded View

Generic Drug Name	Dosage/ Infusion Rate	Route (Duration)	Schedule/ IV Type	Start Date/Time	Stop Date/Time	Status	Last BCMA Action	Action Status	Missing Dose Ind	WS/PD Ind	Provider
ACTIVE											
FAMOTIDINE INJ (3) In DEXTROSE 10% 1000 ML Other Print Info: OTHER PRINT INFO LINE 1	111 MG 113 ML/HR@3	VPB	A			O					
NON-VERIFIED											
AMPICILLIN In SODIUM CHLORIDE 0.9% MINI BAG 50 ML	1 GM INFUSE OVER 30 MINUTES	VPB	every 6 hours	P			N				
CARTOPRIL TAB	25MG	PO	BID	C			N				
CEPHELEXIN CAP ORAL	250MG	PO	BID	C			N				
FOLIC ACID TAB	1MG	PO	BID	C			N				
In KCL 40MEQ IN D5% & 0.45% NACL 1000 ML	125 ML/HR	IV	A				N				
METFORMIN HCL TAB,ORAL	500MG	PO	BID	C			N				
NON-VERIFIED COMPLEX											
ACETAMINOPHEN TAB	325MG	PO	BID (2D)	C			N			PD	
Special Instructions: INPATIENT COMPLEX ORDER											
ACETAMINOPHEN TAB	500MG	PO	BID (1L)	C			I				
Special Instructions: INPATIENT COMPLEX ORDER											
PENDING COMPLEX											
ACETAMINOPHEN TAB	325MG	PO	(1L)				P				
ACETAMINOPHEN TAB	325MG	PO	BID (2W)				P			PD	
DOCUSATE NA CAP ORAL	200MG	PO	FRI				P				
DOCUSATE NA CAP ORAL	50MG	PO	EVERY OTHER DAY				P				
PENDING											
AMIKACIN SULFATE	5 MG	IV	(3ML)	A			P				
AZTREONAM In CIPROFLOXACIN 400MG IN D5W 200 ML	5 GM										
DEXTROSE 5% & 0.45% NACL 1000 ML											
DEXTROSE 10% 1000 ML											
KCL 20MEQ IN D5% & 0.45% NACL 1000 ML	6 ML/HR										
AMPICILLIN In CLINDAMYCIN 300MG IN D5W 50 ML	45 GM INFUSE OVER 12 MINUTES	VPB	every 1 hour (3D)	P			P				

6.1.2.2. Inpatient Med List - Expanded View Help Text

Help text for each column of the Expanded View - Inpatient Med Orders is displayed by hovering over the column header. See figure below:

Figure 109: Inpatient Med List - Help Text

Generic Drug Name	Infusion Rate	Route (Duration)	IV Type	Schedule Type	Start Date/Time	Stop Date/Time	Status	Last BCMA Action	Action Status	Missing Dose Ind	WS/PD Ind	Provider
PENDING												
FLUPHENAZINE HCL TAB	5MG	PO	QID	C			P					
HALOPERIDOL TAB	5MG	PO	2X/WEEK	C			P					

6.1.2.3. Inpatient Med Order - Details

To view details of an Inpatient Med Order, click on it in the Med List or the Expanded View. A pop-up will display with details about the order. See figure below:

Figure 110: Inpatient Med Order - Active Orders Detail Screen

At the bottom of the Inpatient Med Order screen, buttons are available that will display additional information related to the order including **Order Checks, Drug Restrictions/Guidelines, Drug Info, Provider Info, Pharmacy Automated Dispensing Equipment (PADE) Inventory Activity, and Admin Hx (History)**. See figure below:

Figure 111: Inpatient Med Order - Additional Details

Clicking on one of the buttons displays **order details relevant to the button selected**. See figures below for examples of each:

Figure 112: Inpatient Med Order - Order Check

Figure 113: Inpatient Med Order - Drug Restriction/Guideline Information

Drug Restriction/Guideline Information

Orderable Item: ALOE VESTA OINT, TOP
No Information available.

Dispense Drug: ALOE VESTA OINT 8OZ
No Information available.

Close

Figure 114: Inpatient Med Order - Drug Info

Drug Name: ALO E VESTA OINT 8OZ (IEN: [REDACTED])

Orderable Item: ALOE VESTA OINT, TOP
Orderable Item Text:

Synonym(s): [REDACTED]
Intended Use: DRUG ACCOUNTABILITY

DRUG ACCOUNTABILITY
DRUG ACCOUNTABILITY

Message:

DEA, Special Hdlg: [REDACTED] NDC: [REDACTED]
DAW Code:
CS Federal Schedule:

Inactive Date:
Warning Label(s):
13 - For external use ONLY.

Order Unit: TU Price/Order Unit: 2.92
Dispense Unit: TUBE
Dispense Units/Order Unit: 1 Price/Dispense Unit: 2.9200
NCPDP Dispense Unit: EACH NCPDP Quantity Multiplier: 1
Maximum Days Supply:
Pharmacy Billable: NO

Close

Figure 115: Inpatient Med Order - Provider Information

Provider Information

Name: [REDACTED]
Initials: [REDACTED]
NON-VA Prescriber:
Exclusionary Check Performed: Tax ID:
On Exclusionary List: Date Exclusionary List Checked:
Exclusionary Checked By:
Authorized to Write Orders: YES
Requires Cosigner: NO DEA#:
Detox/Maintenance ID#: VA#:
Class: NPI#
Type:
Remarks:
Synonym(s): [REDACTED]
Service/Section: [REDACTED]

Address: Street 1
Street 2
Street 3

Phone: [REDACTED]
Office: [REDACTED]
Phone #3: [REDACTED] Voice Pager #: [REDACTED]
Phone #4: [REDACTED] Digital Pager #: [REDACTED]

Close

If the Inpatient location has a PADE dispensing device, the **PADE Inventory Activity** button will display the PADE activity log of all meds dispensed in the past thirty days. It includes current and historical activity from previous admissions or visits. See figure below:

Figure 116: Inpatient Med Order - PADE Inventory

Pharmacy Automated Dispensing Equipment (PADE) Activity Log

Date/Time	O - R	Item	Status	Qty	PADE ID
05/08/2024 08:00	N	PANTOPRAZOLE NA 40MG EC TAB	DISP	-1	
05/08/2024 08:00	N	OXYCODONE 5MG *PLAIN* TAB/CAP UD	DISP	-2	
05/08/2024 08:00	N	MELCOCAM 7.5MG TAB	DISP	-1	
Comment: PATIENT SPECIFIC BIN					
05/08/2024 08:00	N	ENOXAPARIN 30MG/0.3ML INJ SYRINGE 0.3ML	DISP	-1	
05/08/2024 08:00	N	POLYETHYLENE GLYCOL 3350 17GM/PKT PWDR	DISP	-1	
05/08/2024 08:00	N	ACETAMINOPHEN 500MG TAB UD	DISP	-2	
05/07/2024 08:00	N	ACETAMINOPHEN 500MG TAB UD	DISP	-2	
05/07/2024 08:00	N	TRAZODONE HCL 100MG TAB	DISP	-2	
05/07/2024 08:00	N	SENNOSIDES 8.6MG TAB	DISP	-1	
05/07/2024 08:00	N	OXYCODONE 5MG *PLAIN* TAB/CAP UD	DISP	-2	
05/07/2024 08:00	N	ENOXAPARIN 30MG/0.3ML INJ SYRINGE 0.3ML	DISP	-1	
05/07/2024 08:00	N	LACTATED RINGER'S	DISP	-1	
05/07/2024 08:00	N	ACETAMINOPHEN 500MG TAB UD	DISP	-2	
05/07/2024 08:00	N	OXYCODONE 5MG *PLAIN* TAB/CAP UD	DISP	-2	
05/07/2024 08:00	N	OXYCODONE 5MG *PLAIN* TAB/CAP UD	DISP	-1	
05/07/2024 08:00	N	ACETAMINOPHEN 500MG TAB UD	DISP	-2	
05/07/2024 08:00	N	PANTOPRAZOLE NA 40MG EC TAB	DISP	-1	
05/07/2024 08:00	N	MELCOCAM 7.5MG TAB	DISP	-1	
Comment: PATIENT SPECIFIC BIN					
05/07/2024 08:00	N	ENOXAPARIN 30MG/0.3ML INJ SYRINGE 0.3ML	DISP	-1	
05/07/2024 08:00	N	POLYETHYLENE GLYCOL 3350 17GM/PKT PWDR	DISP	-1	
05/06/2024 08:00	N	ACETAMINOPHEN 500MG TAB UD	DISP	-2	
05/06/2024 08:00	N	OXYCODONE 5MG *PLAIN* TAB/CAP UD	RTN	1	
05/06/2024 08:00	N	TRAZODONE HCL 100MG TAB	DISP	-2	
05/06/2024 08:00	N	SENNOSIDES 8.6MG TAB	DISP	-1	

Close

If the Inpatient location uses **BCMA**, the **Administration History (Admin HX)** button will display administrations recorded in BCMA for the medication, most recent records first. See figure below:

Figure 117: Inpatient Med Order - Administration Hx

Administration History for Orderable Item: ACETAMINOPHEN TAB

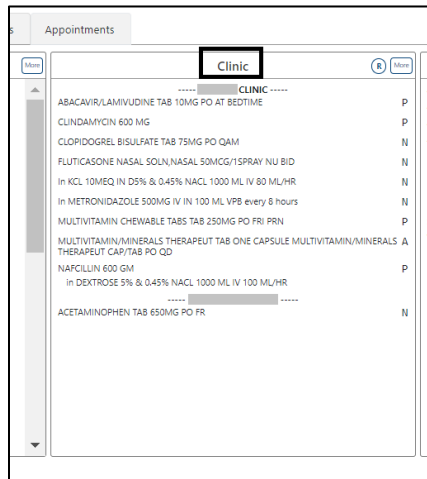
Date/Time	Action	Initials	Location	Dosage Ordered	Med Route	Schedule
05/04/2024 08:00	HELD			1000MG	PO	Q8H
05/04/2024 08:00	GIVEN			1000MG	PO	Q8H
05/05/2024 08:00	GIVEN			1000MG	PO	Q8H
05/05/2024 08:00	GIVEN			1000MG	PO	Q8H
05/05/2024 08:00	GIVEN			1000MG	PO	Q8H
05/06/2024 08:00	GIVEN			1000MG	PO	Q8H
05/06/2024 08:00	GIVEN			1000MG	PO	Q8H
05/06/2024 08:00	GIVEN			1000MG	PO	Q8H
05/07/2024 08:00	GIVEN			1000MG	PO	Q8H
05/07/2024 08:00	GIVEN			1000MG	PO	Q8H
05/07/2024 08:00	GIVEN			1000MG	PO	Q8H
05/07/2024 08:00	GIVEN			1000MG	PO	Q8H
05/07/2024 08:00	GIVEN			1000MG	PO	Q8H

Close

6.1.3. Clinic Med List

The **Clinic Med List** displays active clinic med orders by location at the local facility. See figure below:

Figure 118: Clinic Med List



To include **Remote** clinic orders, click on the **Remote Orders (R)** button in the Clinic header. If Remote button is disabled, it indicates patient does not have remote orders. See figures below:

Figure 119: Clinic Med List - Remote Orders Button

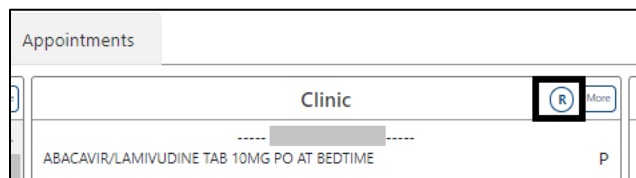
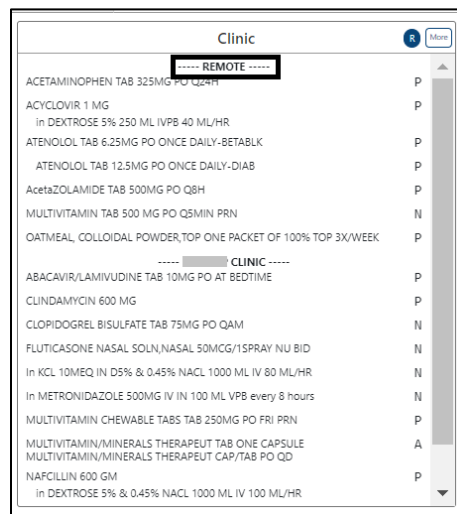


Figure 120: Clinic Med List - Remote Orders



6.1.3.1. Clinic Med List - Expanded View

To access an Expanded View of Clinic Med Orders for a patient, click the **MORE** button.

The Expanded View of Clinic Med Orders includes **Generic Drug Name, Dosage/Infusion Rate, Route, Schedule/(Duration), IV Type (if applicable), Schedule Type, Start Date/Time, Stop Date/Time, Status, Last BCMA Action, Action Status, Missing Dose Indicator, PADE/Ward Stock Indicator (PD Ind), and Provider.**

The column to the left of the drug name will display a **flag icon** if the order is flagged. See figure below:

Figure 121: Clinic Med List - Expanded View

RX#	Generic Drug Name	Dosage	Route	Schedule/ (Duration)	Issue Date	Qty	Supply	Rte	Ref	Last Fill Date	Status	Provider
ACTIVE												
##### >	DRUG NAME	DOSAGE	PO	DURATION	MM/DD/YYYY	360	60	W	2/2	MM/DD/YYYY	A	PROVIDER NAME
PENDING												
>	DRUG NAME	DOSAGE	PO	DURATION	MM/DD/YYYY	60	30	W	2/2	MM/DD/YYYY	P	PROVIDER NAME
>	DRUG NAME	DOSAGE	PO	DURATION	MM/DD/YYYY	90	60	W	0/0	MM/DD/YYYY	P	PROVIDER NAME
>	DRUG NAME	DOSAGE	PO	DURATION	MM/DD/YYYY	180	30	W	1/1	MM/DD/YYYY	P	PROVIDER NAME

6.1.3.2. Clinic Med List - Expanded View Help Text

The column header for the Expanded View of the Clinic Med Orders records displays help text by hovering over the column header. See figure below:

Figure 122: Clinic Med List - Help Text

Generic Drug Name	Dosage/ Infusion Rate	Route	Duration	IV type	Schedule Type	Start Date/Time	Stop Date/Time	Status	Last BCMA Action	Action Status	Missing Dose Ind	PD Ind	Provider
The route of administration of a medication (eg, oral, IV/ID)													

6.1.3.3. Clinic Med Order – Details

To view additional details of a Unit Dose Clinic Med Order, click on it in the Med List or Expanded View list. A new pop-up window will display the Unit Dose Med Order details. See figure below:

Figure 123: Clinic Med Order – Active Order Detail Screen

Active Unit Dose Medication Order

Unit Dose Order #: [Redacted] CPRS Order #: [Redacted] CPRS Parent Order #: [Redacted] Priority: Normal Nature of Order: **Clinic** Facility: [Redacted]

Orderable Item: MULTIVITAMIN/MINERALS THERAPEUT TAB Dosage Ordered: ONE CAPSULE MULTIVITAMIN/MINERALS THERAPEUT CAP/TAB Duration: [Redacted]

Dispense Drugs: MULTIVITAMIN/MINERALS THERAPEUT CAP/TAB U/D: 1 Inactive Date: [Redacted] PADE Inventory: [Redacted] PO Ind: [Redacted] Start Date/Time: 03/30/2023@09:50 Requested Start Date/Time: [Redacted]

Route: PO Schedule Type: Continuous Schedule: QD Admin Times: 09 Stop Date/Time: 06/28/2023@23:59 BCMA Last Dispensed/Action: [Redacted]

Self-Med: NO Entry Date/Time: 03/30/2023@09:51 Entry By: [Redacted] Provider: [Redacted]

Special Instructions: [Redacted]

Provider Comments: [Redacted]

Comments: [Redacted]

Order Checks Drug Restrictions/Guidelines Drug Info Provider Info PADE Inventory Activity Admin Hx Close

An IV Clinic Med will display fields specific to an IV order in the pop-up. See figure below:

Figure 124: Clinic Med Order - IV Med Order Details

The screenshot shows a 'Pending IV Medication Order' form. At the top right, there is a 'Medication Order' button. The form contains several sections:

- Order Information:** IV Order #, CPRS Order #, CPRS Parent Order #, Priority (ROUTINE), Type (Continuous), IV Type (ADMIXTURE), Chemotherapy Type, IV Limit, and Duration.
- Orderable Item(s):** IMMUNE SERUM GLOBULIN (GAMUNEX) INJ. Additive(s): IMMUNE GLOBULIN (GAMUNEX) (GM) (See Comments). Strength/Unit: 25 GM.
- Orderable Item(s):** RTU MISCELLANEOUS SODIUM CHLORIDE 0.9% INJ. Solution(s): RTU (IVIG) SODIUM CHLORIDE 0.9%. Volume: 1999 ML 250 ML.
- Infusion Rate:** INFUSE PER PROTOCOL@1. Med Route: IV. Schedule: Admin Times.
- Last Fill:** Last Qty Filled: Cum. Dose: Provider: Clinic Facility.
- IV Room:** Entry Date/Time: 08/31/2024. Entry By: [Redacted].
- Other Print Info:** Provide Comments: IVIG 25 grams daily for 5 days. Infuse Normal Saline 250 mL before and after the IVIG infusion. Remarks: [Redacted].

 At the bottom, there are buttons for 'Order Checks', 'Drug Restrictions/Guidelines', 'Drug Info', 'Provider Info', and 'Close'.

At the bottom of the Clinic Med Order screen, additional details are available including **Order Checks, Drug Restrictions/Guidelines, Drug Info, Provider Info, PADE Inventory Activity, and Admin Hx**. See figure below:

Figure 125: Clinic Med Order - Additional Details

This screenshot shows the bottom section of the Clinic Med Order screen. It includes fields for 'Self-Med', 'Entry Date/Time', 'Entry By', and 'Provider'. Below these are sections for 'Special Instructions', 'Provider Comments', and 'Comments'. At the bottom, there is a row of buttons: 'Order Checks', 'Drug Restrictions/Guidelines', 'Drug Info', 'Provider Info', 'PADE Inventory Activity', 'Admin Hx', and 'Close'.

Selecting a button will display **additional details** in a pop-up window. See figures below for examples of each:

Figure 126: Clinic Med Order - Order Check

The 'Order Checks' pop-up window displays the following information:

- Orderable Item:** ACETAMINOPHEN TAB. **Dispense Drug(s):** ACETAMINOPHEN 500MG TAB. **CPRS Order Number:** [Redacted]. **Pharmacy Order Number:** [Redacted].
- Provider Order Checks:** MEDIUM: Remote Order Checking not available - checks done on local data only. Patient has no allergy assessment.
- Pharmacist Order Checks:** No pharmacist order check information available.

 A 'Close' button is located at the bottom right.

Figure 127: Clinic Med Order - Drug Restriction/Guideline Information

The 'Drug Restriction/Guideline Information' pop-up window displays the following information:

- Orderable Item:** ACETAMINOPHEN TAB. **Note:** Mandatory mailing for this item!!
- Dispense Drug:** ACETAMINOPHEN 500MG TAB. **No Information available.**

 A 'Close' button is located at the bottom right.

Figure 128: Clinic Med Order - Drug Info

Drug Name: ACETAMINOPHEN 500MG TAB (JEN: [redacted])

VA Prod Name: ACETAMINOPHEN 500MG TAB CMOF ID#: [redacted]
 VA Product Name: ACETAMINOPHEN 500MG TAB CMOF Dispense: YES
 Orderable Name: ACETAMINOPHEN TAB NDF DR: TAB

Orderable Item Text:
 Note: Mandatory mailing for this item!!

Synonyms: ACET300 Intended Use: QUICK CODE
 TYL500 QUICK CODE
 TYLENOL
 05111048993 DRUG ACCOUNTABILITY
 5111048993 DRUG ACCOUNTABILITY
 00677170410 DRUG ACCOUNTABILITY
 5111048978 DRUG ACCOUNTABILITY
 10135013270 DRUG ACCOUNTABILITY
 09004198360 DRUG ACCOUNTABILITY
 00677170210 DRUG ACCOUNTABILITY
 10135013201 DRUG ACCOUNTABILITY
 10135014410 DRUG ACCOUNTABILITY
 10135013270 DRUG ACCOUNTABILITY
 2820 DRUG ACCOUNTABILITY
 10135014401 DRUG ACCOUNTABILITY
 09004198860 DRUG ACCOUNTABILITY

Message:
 DEA, Special Mailing: 99 NDC: [redacted]
 DAW Code:
 CS Federal Schedule: 0

Invoice Date:
 Quantity Dispense Message FOR CMOF DISPENSE IN MULTIPLES OF 100 BUT NOT MORE THAN 500
 Warning Label(s):

Close

Figure 129: Clinic Med Order - Provider Information

Provider Information

Name: [redacted]
 Initials: [redacted]
 NON-VA Prescriber: Tax ID: [redacted]
 Exclusionary Check Performed: Date Exclusionary List Checked:
 On Exclusionary List:
 Exclusionary Checked By:
 Authorized to Write Orders: YES
 Requires Cosigner: NO DEA#: [redacted]
 Detox/Maintenance ID#: [redacted]
 Class: VAP#: [redacted]
 Type: NPI#: [redacted]
 Remarks:
 Synonym(s): [redacted]
 Service/Section: [redacted]

Close

If the clinic has a PADE dispensing device the **PADE Inventory Activity** button will display the **PADE activity log** of all medications dispensed in the past thirty days. The PADE inventory will display current and historical activity from previous admissions or visits. See figures below:

Figure 130: Clinic Med Order - PADE Activity

Pharmacy Automated Dispensing Equipment (PADE) Activity Log

Date/Time	O - R	Item	Status	Qty	PADE ID
04/21/2020	N	ACETAMINOPHEN 325MG TAB LID	DISP	-2	[redacted]
04/21/2020	N	LIDOCARINE 1% (PF/AMP) SML INJ	DISP	-2	[redacted]
04/21/2020	N	LIDOCARINE 1% (PF/AMP) SML INJ	DISP	-2	[redacted]
04/21/2020	Y	WATER STERILE FOR RINSATION 1000ML	DISP	-1	[redacted]
04/21/2020	N	POLYETHYLENE GLYCOL 3350 170GM/PKT POWDR	DISP	-1	[redacted]
04/21/2020	N	METHADONE HCL 10MG TAB LID	DISP	-17	[redacted]
04/21/2020	N	BUPROPION HCL 150MG 12HR SA TAB	DISP	-1	[redacted]
04/21/2020	N	TAMBULOSON HCL 15MG CAP	DISP	-1	[redacted]
04/21/2020	N	DOMPERIDONE HYCLATE 100MG TAB	DISP	-1	[redacted]
04/21/2020	N	ONDANSETRON HCL 4MG TAB	DISP	-1	[redacted]
04/21/2020	N	ACETAMINOPHEN 325MG TAB LID	DISP	-2	[redacted]
04/21/2020	N	ACETAMINOPHEN 325MG TAB LID	DISP	-2	[redacted]
04/20/2020	N	KETOROLAC TROMETHAMINE 15MG/ML INJ	DISP	-1	[redacted]
04/20/2020	Y	SODIUM CHLORIDE 0.9% 250ML	DISP	-1	[redacted]
04/20/2020	N	LACTATED RINGERS	DISP	-1	[redacted]
04/20/2020	N	KETOROLAC TROMETHAMINE 15MG/ML INJ	DISP	-1	[redacted]
04/20/2020	N	ONDANSETRON HCL 4MG TAB	DISP	-1	[redacted]
04/20/2020	N	METHADONE HCL 10MG TAB LID	RTN	11	[redacted]
04/20/2020	N	METHADONE HCL 10MG TAB LID	DISP	-17	[redacted]
04/20/2020	N	ONDANSETRON HCL 4MG TAB	DISP	-1	[redacted]
04/19/2020	N	KETOROLAC TROMETHAMINE 15MG/ML INJ	DISP	-1	[redacted]
04/19/2020	N	BUPROPION HCL 150MG 12HR SA TAB	DISP	-1	[redacted]
04/19/2020	N	ONDANSETRON HCL 4MG TAB	DISP	-1	[redacted]
04/19/2020	N	KETOROLAC TROMETHAMINE 15MG/ML INJ	DISP	-1	[redacted]
04/19/2020	Y	LACTATED RINGERS	DISP	-1	[redacted]
04/19/2020	N	PROCHLORPERAZINE MALEATE 5MG TAB	DISP	-1	[redacted]

Close

Figure 131: Clinic Med Order - Administration Hx

Administration History for Orderable Item: ALTEPLASE 2MG/2ML (CATHFLO) INJ,LYPHL						
Date/Time	Action	Initials	Location	Dosage Ordered	Med Route	Schedule
04/14/ @	GIVEN	NJM		2MG	CATH	PRN

Close

6.1.4. Non-VA Med List

The **Non-VA Med List** displays active Non-VA med orders from the local station.

Figure 132: Non-VA Med List

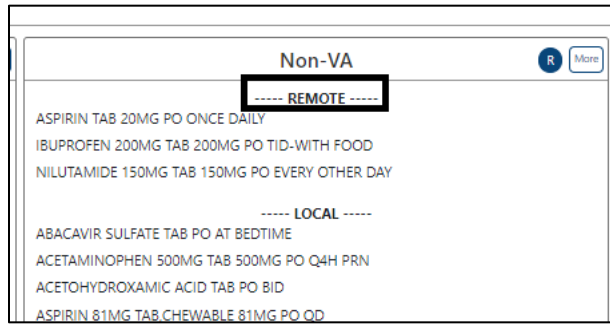
Non-VA		(R)	More
	ABACAVIR SULFATE TAB PO AT BEDTIME		
	ACETAMINOPHEN 500MG TAB 500MG PO Q4H PRN		
	ACETOHYDROXAMIC ACID TAB PO BID		
	ASPIRIN 81MG TAB,CHEWABLE 81MG PO QD		
	DRONEDARONE 400MG TAB 400MG PO Q4H		
	ERYTHROMYCIN TAB,EC 250MG PO QID		
	MOISTURIZING LOTION TOP		
	POTASSIUM CHLORIDE TAB,SA PO Q12WEEKS		
	SUCRALFATE 1GM TAB 0.5GM PO		
	WARFARIN NA (GOLDEN STATE) 10MG TAB AS DIRECTED 10MG PO AT BEDTIME		

To include **Remote** clinic orders, click on the **Remote Orders (R)** button in the Non-VA header. If Remote button is disabled, it indicates patient does not have remote orders. See figures below:

Figure 133: Non-VA Med List - Remote Orders Button

Non-VA		(R)	More
	ABACAVIR SULFATE TAB PO AT BEDTIME		
	ACETAMINOPHEN 500MG TAB 500MG PO Q4H PRN		
	ACETOHYDROXAMIC ACID TAB PO BID		
	ASPIRIN 81MG TAB,CHEWABLE 81MG PO QD		
	DRONEDARONE 400MG TAB 400MG PO Q4H		
	ERYTHROMYCIN TAB,EC 250MG PO QID		
	MOISTURIZING LOTION TOP		
	POTASSIUM CHLORIDE TAB,SA PO Q12WEEKS		
	SUCRALFATE 1GM TAB 0.5GM PO		

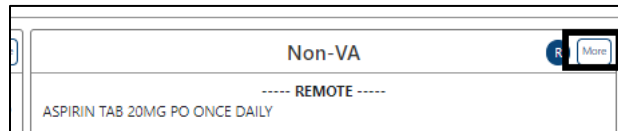
Figure 134: Non-VA Med List - Remote Orders



6.1.4.1. Non-VA Med Orders - Expanded View

The **More** button will bring up the **Expanded View**. See figure below:

Figure 135: Non-VA Med List - More Button



The Expanded view displays additional details, including **Generic Drug Name, Dosage, Route, Schedule, Start Date, Documented Date, and Documented By**. See figure below:

Figure 136: Non-VA Med List - Expanded View

Expanded View of Non-VA Medication Orders Non-VA Medication Orders

Show Remote Orders

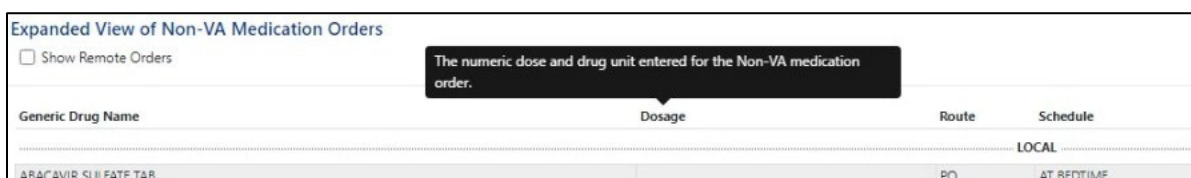
Generic Drug Name	Dosage	Route	Schedule	Start Date	Documented Date	Documented By
LOCAL						
ABACAVIR SULFATE TAB		PO	AT BEDTIME		01/13/2022@1144	
ACETAMINOPHEN 500MG TAB	500MG	PO	Q4H PRN	02/03/2020	02/05/2020@1244	
Statement/Explanation: Patient wants to buy from Non-VA pharmacy.						
ACETOHYDROXAMIC ACID TAB		PO	BID		01/13/2022@1223	
Statement/Explanation: Non-VA medication not recommended by VA provider. Non-VA medication recommended by VA provider. Patient wants to buy from Non-VA pharmacy. Medication prescribed by Non-VA provider.						
ASPIRIN 81MG TAB,CHEWABLE	81MG	PO	QD		11/21/2019@0857	
Statement/Explanation: Medication prescribed by Non-VA provider.						
DRONEDARONE 400MG TAB	400MG	PO	Q4H		04/27/2020@1707	
ERYTHROMYCIN TAB,EC	250MG	PO	QID		04/27/2020@1707	
MOISTURIZING LOTION		TOP		11/10/2022	11/14/2022@0931	
Statement/Explanation: Non-VA medication not recommended by VA provider.						
POTASSIUM CHLORIDE TAB,SA		PO	Q12WEEKS		03/09/2022@1353	
Statement/Explanation: Patient wants to buy from Non-VA pharmacy. Medication prescribed by Non-VA provider.						
SUCRALFATE 1GM TAB	0.5GM	PO		03/02/2022	03/09/2022@1638	
Statement/Explanation: Non-VA medication recommended by VA provider.						
WARFARIN NA (GOLDEN STATE) 10MG TAB	AS DIRECTED 10MG	PO	AT BEDTIME		04/27/2020@1706	

Close

6.1.4.2. Non-VA Med List – Expanded View Help Text

Help text for each column of the Expanded View of Non-VA Med Orders is displayed by hovering over the column header. See figure below:

Figure 137: Non-VA Med List - Help Text



6.1.4.3. Non-VA Med Orders – Details

To view **details** of a Non-VA Med Order, click on it in the Non-VA section or the Expanded View. A pop-up will display with details about the order. Details include **CPRS Order Number, Orderable Item, Dispense Drug, Dosage, Route, Schedule, Duration, Conjunction, SIG, Comments, Statement/Explanation, Start Date, Documented Date/Time, Documented By, Clinic, Facility and Provider Order Check**. If the drug is marked as “Hazardous to Handle” an Icon will appear after the drug name. See figure below:

Figure 138: Non-VA Med Orders - Details for Active Medication

6.2. Allergies and ADRs Tab

All allergy records for the selected patient in the **Allergies and ADRs tab**, including the total number of records in the blue circle in the tab will be displayed.

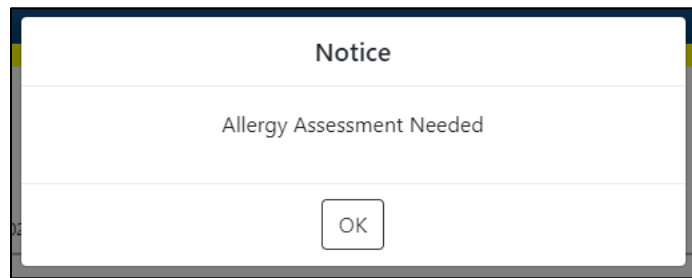
The column headers include **Standard Term (GMR Allergy), Causative Agent/Reactant, Signs/Symptoms, Observed/Historical, Severity, Mechanism, Reaction Type, Origination Date/Time, and Facility**. The default view is All Records sorted by Standard Term ascending. See figure below:

Figure 139: Allergies and ADRs Tab

Standard Term (GMR Allergy)	Causative Agent / Reactant	Signs / Symptoms	Observed / Historical	Severity	Mechanism	Reaction Type	Origination Date / Time	Facility
▶ ABCIXIMAB (N)	ABCIXIMAB	HYPOTENSION	HISTORICAL	MODERATE	ADVERSE REACTION	DRUG	05/23/2024 @ 08:32	
▶ AMOXICILLIN (N)	AMOXICILLIN	RASH	HISTORICAL	MODERATE	ALLERGY	DRUG	06/01/2024 @ 10:19	
▶ ASPIRIN (A)	ASPIRIN	ANXIETY	OBSERVED	SEVERE	ADVERSE REACTION	DRUG	03/15/2024 @ 11:03	
▶ BEESWAX (N)	BEESWAX	ANXIETY	OBSERVED	MODERATE	ALLERGY	DRUG	05/18/2024 @ 12:14	
▶ CAT DANDER (A)	CAT DANDER	NAUSEA AND VOMITING	OBSERVED	MODERATE	ADVERSE REACTION	OTHER	04/25/2024 @ 13:12	
▶ COTTONSEED OIL (A)	COTTONSEED OIL	NAUSEA AND VOMITING	OBSERVED	MODERATE	ALLERGY	DRUG, FOOD	06/02/2024 @ 12:45	

If the patient has **no allergy assessment** at the local facility, a pop-up window will display, indicating that an allergy assessment is needed. See figure below:

Figure 140: Allergies and ADRs - Allergy Assessment Needed



NOTE: If a patient has an **allergy assessment at the local facility**, but **no assessment at a remote facility**, the remote information will be included in the table, but no pop-up will display.

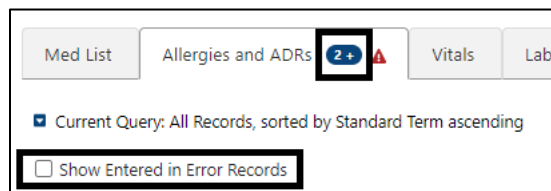
When hovering over the column headers, **help text** is shown. See figure below:

Figure 141: Allergies and ADRs Column Header Help Text

Standard Term (GMR Allergy)	Causative Agent / Reactant	Observed / Historical	Severity	Mechanism	Reaction Type	Origination Date / Time	Facility
ABCIXIMAB (N)	ABCIXIMAB	HYPOTENSION	HISTORICAL	MODERATE	ADVERSE REACTION	DRUG	05/23/2023 08:32
AMOXICILLIN (N)	AMOXICILLIN	RASH	HISTORICAL	MODERATE	ALLERGY	DRUG	06/01/2023 10:19

A **plus sign (+)** indicator will display with the total number in the tab if a patient has Entered in Error records. See figure below:

Figure 142: Allergies and ADRs - Entered in Error Records Indicator



To show the **Entered in Error records**, click on the checkbox and the following information will display. The Enter in Error records are highlighted in red and include an Entered in Error indicator. See figure below:

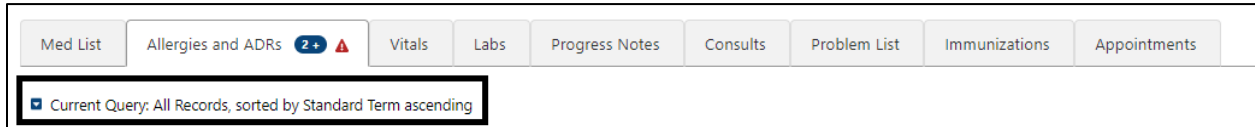
Figure 143: Allergies and ADRs - Entered in Error Records

Standard Term (GMR Allergy)	Causative Agent / Reactant	Signs / Symptoms	Observed / Historical	Severity	Mechanism	Reaction Type	Origination Date / Time	Facility
NO KNOWN ALLERGIES								
Cat dander (A)	CAT DANDER	RASH, WHEEZING	OBSERVED	MODERATE	ALLERGY	OTHER	11/14/2023 09:28	

6.2.1. Allergy and ADRs - Query Editor

A **Query Editor** is available to filter records in the Allergies and ADRs tab. To add a filter, open the Query Editor by clicking on the **Query Editor button**. See figure below:

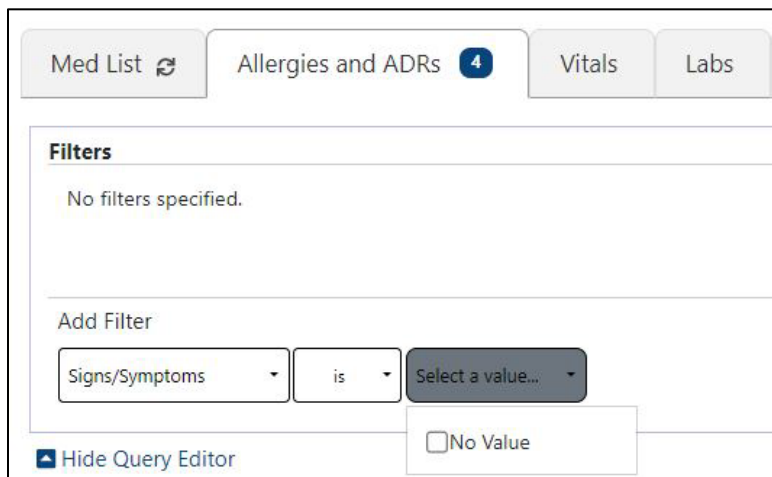
Figure 144: Allergies and ADRs - Query Editor



Filtering and sorting options are available by using the dropdown menus shown below. Both options include **Standard Term, Causative Agent/Reactant, Signs/Symptom, Observed/Historical, Severity, Mechanism, Reaction Type, Origination Date/Time, Facility, and Drug Class.**

Once the filter is selected a dropdown list of choices is displayed, including “No Value” to search for records where the field is blank.

Figure 145: Allergies and ADRs - Filter for No Value



NOTE: The signs/symptoms filter includes signs and symptoms for allergies entered in error.

Once a filter/sort is selected, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. To close the Query Editor, click on the **Hide Query Editor** Button. See figures below:

Figure 146: Allergies and ADRs - Filter Options

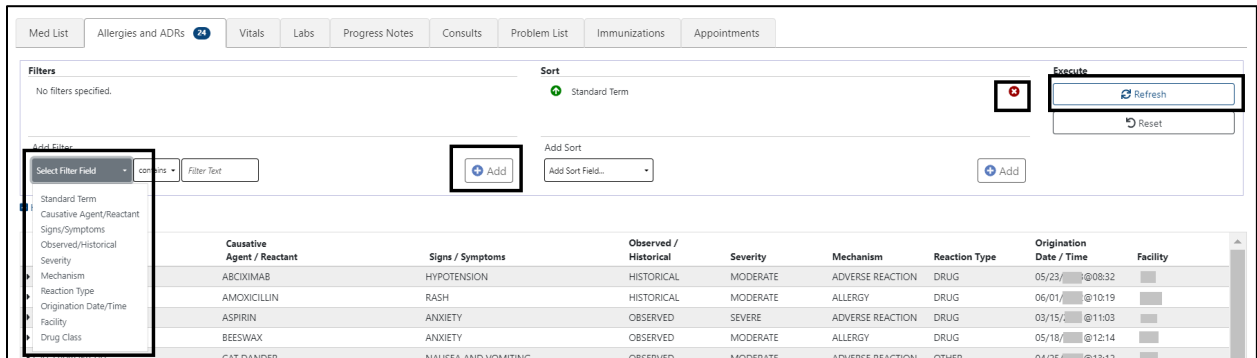
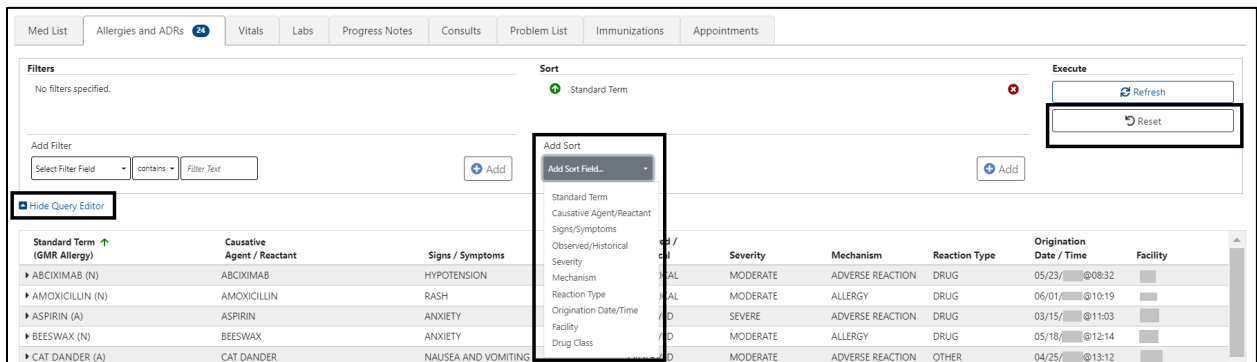


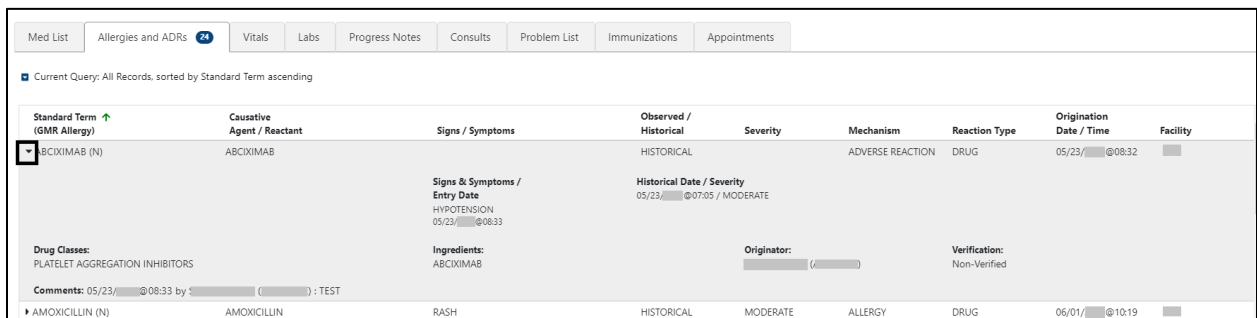
Figure 147: Allergies and ADRs - Sorting Options



6.2.2. Allergies and ADRs – Accordion View

The Allergies and ADRs’ records are available in an accordion view. To access this information, click on the allergy record and additional details will display. See figure below:

Figure 148: Allergies and ADRs - Accordion View



The accordion view is also available for **Records Entered in Error**. See figure below:

Figure 149: Allergies and ADRs - Accordion View – Records Entered in Error

Med List | Allergies and ADRs **29** | Vitals | Labs | Progress Notes | Consults | Problem List | Immunizations | Appointments

Current Query: All Records, sorted by Standard Term ascending

Show Entered in Error Records

Standard Term (GMR Allergy)	Causative Agent / Reactant	Signs / Symptoms	Observed / Historical	Severity	Mechanism	Reaction Type	Origination Date / Time	Facility
cat dander (A)	CAT DANDER	Signs & Symptoms / Entry Date RASH 11/11/2023 @ 10:30 WHEEZING 11/11/2023 @ 14:30	OBSERVED	MODERATE	ALLERGY	OTHER	11/14/2023 @ 09:28	

Drug Classes: Ingredients: Originator: Verification: Auto-Verified by on 11/14/2023 @ 09:30

Comments: 11/14/2023 @ 09:30 by (TEST ANALYST) : Test note for Cat dander allergy created on 11/14/2023 @ 9:29

Entered in Error: 03/07/2024 @ 12:10 by (TEST ANALYST) :

6.3. Vitals Tab

The Vitals Tab displays a table of the most recent values for common vitals. It includes the following column headers: **Vital Name, Metric Value, US Std Value, Qualifier, Date/Time Taken, and Facility.**

Default common vitals include: **Temperature, Height, Weight, BMI, Blood Pressure, Pulse, Central Venous Pressure, Respirations, Pulse Oximetry, and Pain Scale.** See figure below:

Figure 150: Vitals Tab

Med List | Allergies and ADRs **27 +** | **Vitals** | Labs | Progress Notes | Co

Latest Vitals

Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility
T	39.45 C	103.0 F	QUALIFIER	DATE/TIME	###
HT	UNAVAILABLE	UNAVAILABLE	QUALIFIER	DATE/TIME	###
WT	70.31 kg	155.0 lb	QUALIFIER	DATE/TIME	###
BMI	22.24 kg/m2		QUALIFIER	DATE/TIME	###
BP	REFUSED	REFUSED	QUALIFIER	DATE/TIME	###
P	98			DATE/TIME	###
CVP				DATE/TIME	###
R	REFUSED	REFUSED		DATE/TIME	###
POX	98		QUALIFIER	DATE/TIME	###
PN	6			DATE/TIME	###

Additional Vitals...



NOTE: The AMPL GUI application converts imperial values provided for a vital type to metric values where appropriate so that both values display.

Help text will display when hovering over the column headers. See figure below:

Figure 151: Vitals - Help Text

The screenshot shows the 'Vitals' tab selected in a navigation bar. Below it is a table titled 'Latest Vitals'. A tooltip is displayed over the 'Metric Value' column header, stating: 'This is the value of the Vital Type expressed in the metric system of measurement (e.g., Weight in kg)'. The table contains three rows of data:

Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility
T	37.22 C	99.0 F	CORE	12/02/2023 @ 11:16	[Facility]
HT	182.88 cm	72.0 in	ACTUAL	12/02/2023 @ 11:16	[Facility]
WT	65.77 kg	145.0 lb		12/13/2023 @ 11:14	[Facility]

To display additional **Vital types** to the **Latest Vitals** table, use the **dropdown menu** below the table, select the **Vital type**, and then click the **Add** button. See Figure below:

Figure 152: Vitals - Additional Vitals

The screenshot shows the 'Latest Vitals' table with a dropdown menu below it. The dropdown menu is labeled 'Additional Vitals...' and has an 'Add' button next to it. The table contains the following data:

Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility
T	37.22 C	99.0 F	CORE	12/02/2023 @ 11:16	[Facility]
HT	182.88 cm	72.0 in	ACTUAL	12/02/2023 @ 11:16	[Facility]
WT	65.77 kg	145.0 lb		12/13/2023 @ 11:14	[Facility]
BP	115/75		L ARM, LYING, ADULT CUFF, AT REST	12/02/2023 @ 11:16	[Facility]
P	120		BILATERAL PERIPHERALS, LEFT, AT REST, SEMIFOWLERS	12/02/2023 @ 11:16	[Facility]
CVP	24			12/02/2023 @ 10:27	[Facility]
R	80		LYING, AT REST	12/02/2023 @ 11:16	[Facility]
POX	99		AT REST	12/02/2023 @ 11:16	[Facility]
PN	0			12/02/2023 @ 11:16	[Facility]

6.3.1. Vitals by Date Range

The Vitals tab includes the ability to display readings for a **date range**. To display multiple values for a Vital, click on that Vital and results will display in an additional table to the right with a

default date range of **one year for Outpatient** and **one week for Inpatient**. Additional Vitals may be added by clicking on the **Vital name**. They can be removed by clicking again. See figure below:

Figure 153: Vitals - Display

The screenshot shows two tables of vital signs data. The left table is titled 'Latest Vitals' and the right table is titled 'Readings from' with a date range of 05/18/2018 through 05/31/2023. Both tables have columns for Vital Name, Metric Value, US Std Value, Qualifier, Date/Time Taken, and Facility.

Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility
T	37.22 C	99.0 F	CORE	12/02/2022 @ 11:16	
HT	182.88 cm	72.0 in	ACTUAL	12/02/2022 @ 11:16	
WT	65.77 kg	145.0 lb		12/13/2022 @ 11:14	
BP	115/75		L ARM, LYING, ADULT CUFF, AT REST	12/02/2022 @ 11:16	
P	120		BILATERAL PERIPHERALS, LEFT, AT REST, SEMIFOWLERS	12/02/2022 @ 11:16	
CVP	24			12/02/2022 @ 10:27	
R	80		LYING, AT REST	12/02/2022 @ 11:16	
POX	99		AT REST	12/02/2022 @ 11:16	
PN	0			12/02/2022 @ 11:16	

Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility
PULSE OXIMETRY	99 %		AT REST	12/02/2022 @ 11:16	
PAIN	0			12/02/2022 @ 11:16	
PULSE OXIMETRY	99 %		AT REST	12/02/2022 @ 10:27	
PAIN	0			12/02/2022 @ 10:27	
PULSE OXIMETRY	Pass	Pass		01/21/2023 @ 14:22	
PAIN	Pass	Pass		01/21/2023 @ 14:22	
PULSE OXIMETRY	66 %		AFTER EXERCISE	11/16/2022 @ 14:02	

To change the date range, modify the Readings from or through dates. See figure below:

Figure 154: Vitals - Date Range

The screenshot shows a date range selection interface with the following text: "Readings from" followed by a dropdown arrow, the date "05/18/2018", a calendar icon, the word "through", another dropdown arrow, the date "05/31/2023", and a final calendar icon.



NOTE: To obtain the acceptable Date/Time formats, enter “?” in the date range box.

In addition, **commonly used date ranges** can be chosen using the arrow beside the date box. See figure below:

Figure 155: Vitals – Commonly Used Date Ranges

The screenshot shows a dropdown menu for commonly used date ranges. The menu is open, showing a list of options: T-365, T-180, T-90, T-60, T-30, T-7, T, T+7, T+30, T+60, T+90, T+180, and T+365. The date range "05/31/2022" and the word "through" are visible at the top of the dropdown.

Once a date range is chosen, the results for the selected vitals taken within the date range will display in the table. See figure below:

Figure 156: Vitals - Date Range Display

Latest Vitals						Readings from 05/18/2018 through 05/31/2023					
Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility	Vital Name	Metric Value	US Std Value	Qualifier	Date/Time Taken	Facility
T	37.22 C	99.0 F	CORE	12/02/2023 @ 11:16		PULSE OXIMETRY	99 %		AT REST	12/02/2023 @ 11:16	
HT	182.88 cm	72.0 in	ACTUAL	12/02/2023 @ 11:16		PAIN	0			12/02/2023 @ 11:16	
WT	65.77 kg	145.0 lb		12/13/2023 @ 11:14		PULSE OXIMETRY	99 %		AT REST	12/02/2023 @ 10:27	
BP	115/75		L ARM, LYING, ADULT CUFF, AT REST	12/02/2023 @ 11:16		PAIN	0			12/02/2023 @ 10:27	
P	120		BILATERAL PERIPHERALS, LEFT, AT REST, SEMIFOWLERS	12/02/2023 @ 11:16		PULSE OXIMETRY	Pass	Pass		01/21/2023 @ 14:22	
CVP	24			12/02/2023 @ 10:27		PAIN	Pass	Pass		01/21/2023 @ 14:22	
R	80		LYING, AT REST	12/02/2023 @ 11:16		PULSE OXIMETRY	66 %		AFTER EXERCISE	11/16/2023 @ 14:02	
POX	99		AT REST	12/02/2023 @ 11:16							
PN	0			12/02/2023 @ 11:16							

6.3.2. Vitals – Expanded View

To see additional details on a Vital, click on the Vital in the date range table on the right and a pop-up box will display. Details include **Date/Time Vitals Taken**, **Date/Time Vitals Entered**, **Entered By**, **Hospital Location**, **Facility**, **Rate**, **Qualifier**. See figure below:

Figure 157: Vitals - Expanded View

Vital Type: PULSE OXIMETRY Vital

Date/Time Vitals Taken: 12/02/2023 @ 11:16 **Date/Time Vitals Entered:** 12/02/2023 @ 11:18 **Entered By:** [Redacted]

Hospital Location: [Redacted] **Facility:** [Redacted] **Rate:** 99 %

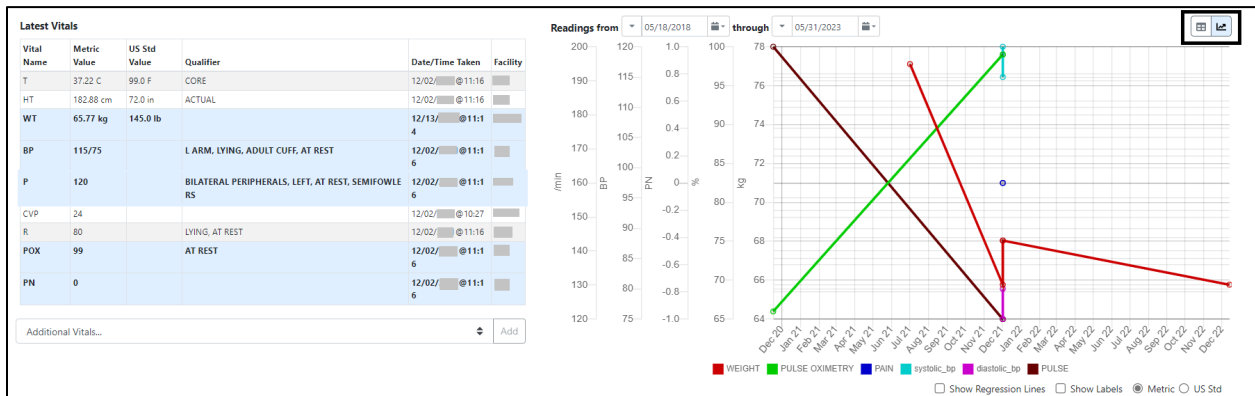
Qualifier: AT REST **Supplemental O2:** 80 l/min 99%

Close

6.3.3. Vitals – Graphing Capabilities

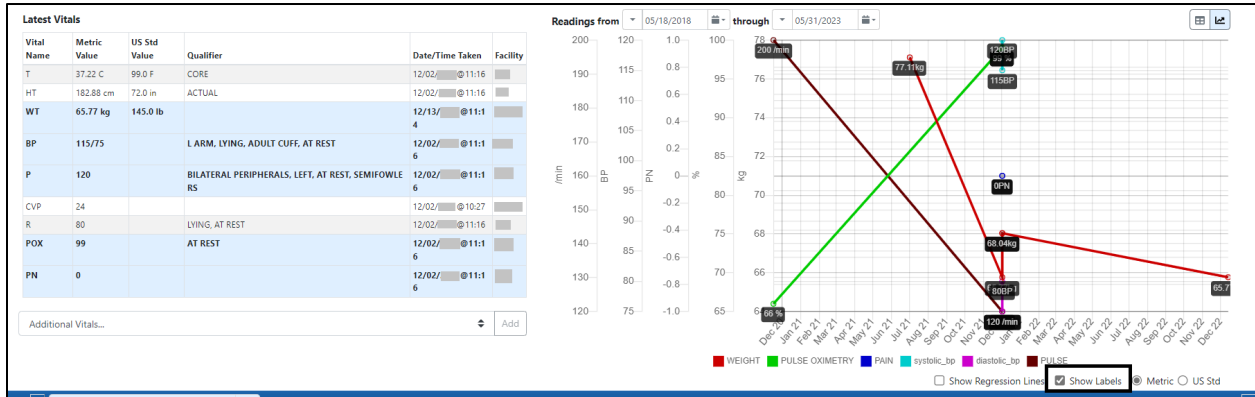
Vital types in the date range table may also be shown in a graph by selecting the **graphing icon** located in the top right corner of the Vitals screen. See figure below:

Figure 158: Vitals - Graphing



Regression lines and labels may be added by checking the buttons below the graph. To return to the Table format, click on the Table icon in the upper right corner. See figure below:

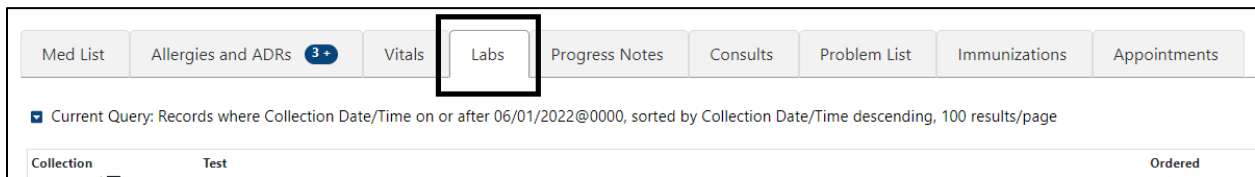
Figure 159: Vitals - Regression Lines and Labels



6.4. Labs Tab

The Labs tab displays lab data for the last year and future lab orders, sorted by Collection Date/Time descending, 100 results per page. Laboratory records from all VHA facilities are included. See figure below:

Figure 160: Labs Tab



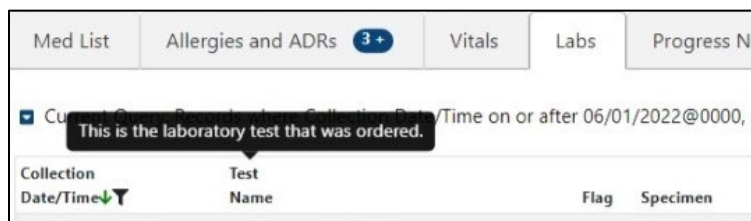
The column headers include **Collection Date/Time**, **Test Name**, **Flag**, **Specimen**, **Provider**, **Ordered Date/Time**, **Status**, **Urgency**, **Accession #**, **Available Date/Time**, **Hospital Location** and **Facility**. See figure below:

Figure 161: Labs - Column Headers

Collection Date/Time	Test Name	Flag	Specimen	Provider	Ordered Date/Time	Status	Urgency	Accession#	Available Date/Time	Hospital Location	Facility
04/05/2022	ANAEROBIC CULTURE		BRONCHIAL WASHING CYTOLOGIC MATERIAL		04/05/2022	ACTIVE	Routine	MICRO 23 4			
04/05/2022	CULTURE & SUSCEPTIBILITY		SPUTUM		04/05/2022	ACTIVE	Routine	MICRO 23 3			
02/03/2022	MICROALBUMIN URINE (QUANT)	H	URINE		02/03/2022	COMPLETE	Routine	DA 0203 2	02/03/2022		
02/03/2022	URINALYSIS		URINE		02/03/2022	ACTIVE	Routine	URIN 0203 1			
02/03/2022	LIPID PROFILE	H	PLASMA		02/03/2022	ACTIVE	Routine	DA 0203 1	02/03/2022		
06/15/2022	CHEM 12	H,L	PLASMA		06/15/2022	COMPLETE		DA 0615 1	06/15/2022		
06/08/2022	COVID-19 (INSTRUMENT 1)		NASOPHARYNX		06/08/2022	COMPLETE	Routine	CH 0608 2	06/08/2022		

Help text will display when hovering over the column headers. See figure below:

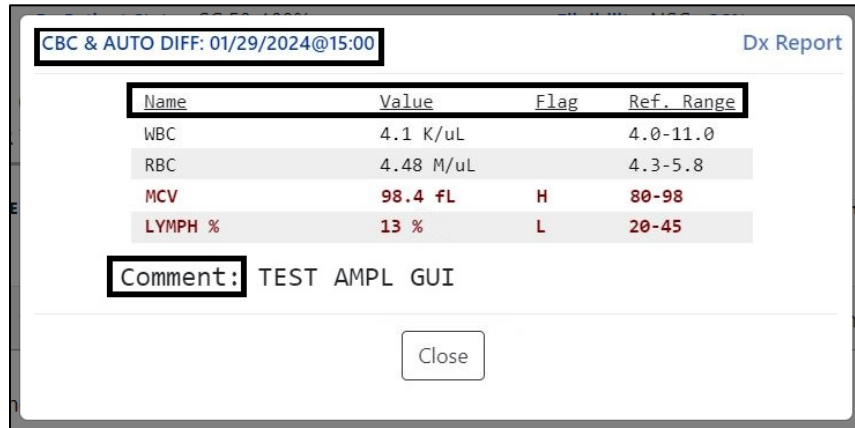
Figure 162: Labs - Help Text



6.4.1. Labs - Laboratory Test Record Expanded View

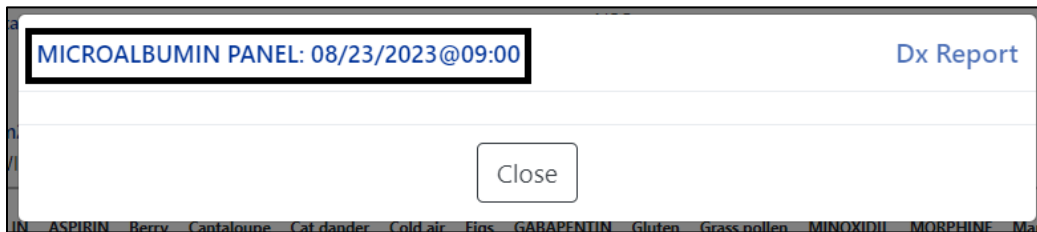
To view results, if available, for a Lab record click on the individual record. A pop-up window displays test results in four columns: **Name, Value, Flag, and Reference Range. Comments**, if available, display below the results. If partial results have been reported, only those will display in the pop-up window. See figure below:

Figure 163: Labs - Test Record Expanded View



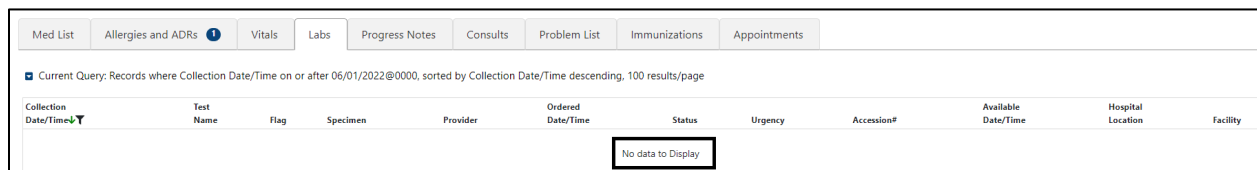
When the results are pending, **the lab test name and collection date and time** will display. To close the pop-up, click on the Close button or click outside the expanded view window. See figure below:

Figure 164: Labs - Lab Results Pending



When there are **no laboratory test records** to display for the selected patient, the Labs Label tab will indicate that. See figure below:

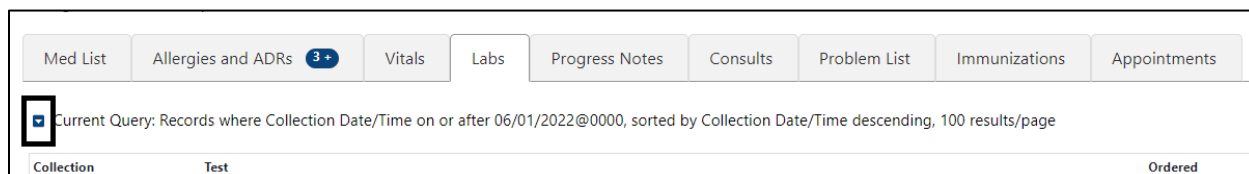
Figure 165: Labs - No Lab Data



6.4.2. Labs - Query Editor

A **Query Editor** is available to filter and sort records in the Labs tab. To add a filter or change the sort, open the Query Editor by clicking on the Current Query button. See figure below:

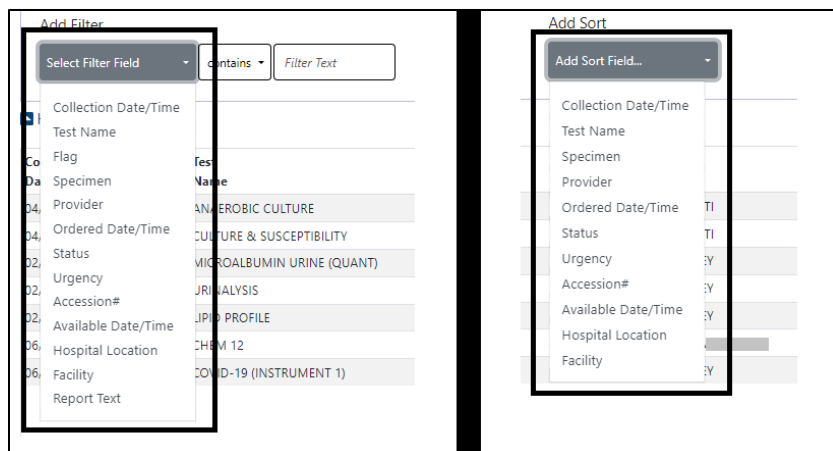
Figure 166: Labs - Show Query Editor Button



Filtering and sorting options are available by using the dropdown menus shown below. Filter options include **Collection Date/Time, Test Name, Flag, Specimen, Provider, Ordered Date/Time, Status, Urgency, Accession#, Available Date/Time, Hospital Location, Facility** and **Report Text**. Sort fields include **Collection Date/Time, Test Name, Specimen, provider, Ordered Date/Time, Status, Urgency, Accession#, Available Date/Time, Hospital Location** and **Facility**.

Once a filter/sort is selected, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. To close the Query Editor, click on the Hide Query Editor Button. See figure below:

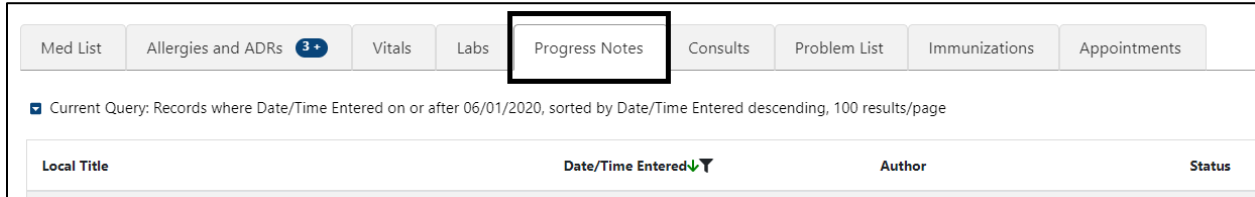
Figure 167: Labs - Filter and Sorting Options



6.5. Progress Notes Tab

On the Progress Notes tab, all signed notes entered within the last year, sorted by Date/Time Entered descending, 100 results per page will display. See figure below:

Figure 168: Progress Notes Tab



The column headers include **Local Title, Date/Time Entered, Author, Status, Hospital Location, and Facility**. See figure below:

Figure 169: Progress Notes - Column Headers

Local Title	Date/Time Entered	Author	Status	Hospital Location	Facility
ADVERSE REACTION/ALLERGY	04/05/2020	[Redacted]	COMPLETED	[Redacted]	[Redacted]
ADVERSE REACTION/ALLERGY	04/05/2020	[Redacted]	COMPLETED	[Redacted]	[Redacted]
ADVERSE REACTION/ALLERGY	03/21/2020	[Redacted]	COMPLETED	[Redacted]	[Redacted]
ADVERSE REACTION/ALLERGY	03/21/2020	[Redacted]	COMPLETED	[Redacted]	[Redacted]

When hovering over the column headers, **help text** is shown. See figure below:

Figure 170: Progress Notes - Help Text

Local Title	Date/Time Entered	Author	Status	Hospital Location	Facility
ADVERSE REACTION/ALLERGY	04/05/2020	[Redacted]	COMPLETED	[Redacted]	[Redacted]

6.5.1. Progress Notes – Expanded View

To view details for a single Progress Note, click on the individual record. A pop-up window displays. Details include **Local Title, Standard Title, Report Text, Date of Note, Entry Date, Author, Expected Signer, Expected Cosigner, Urgency, Status, Facility/Location, Signed By, Signature Date/Time, Signature Block Name and Signature Block Title**. If note is amended, details will include **Amended By, Amendment Date/Time, Amendment Block Name and Amendment Signed**. To close the pop-up, click on the Close button or click outside the expanded view window. See figure below:

Figure 171: Progress Notes - Expanded View

The screenshot shows a window titled 'Local Title: CLINICAL WARNING' with a 'Progress Note' tab. The 'Report Text' section contains the following information:

LOCAL TITLE: Clinical Warning
 STANDARD TITLE: CLINICAL WARNING
 DATE OF NOTE: JAN 19, 2020
 ENTRY DATE: JAN 19, 2020
 AUTHOR: [Redacted] EXP COSIGNER: [Redacted]
 URGENCY: [Redacted] STATUS: COMPLETED

Below this, there is a line 'To test W in Postings' followed by a signature line: '/es/ [Redacted]'. A 'Signed:' line shows '01/19/ [Redacted]'. At the bottom, there are fields for 'Date of Note', 'Exp Signer', 'Status', 'Signed By', 'Entry Date', 'Exp Cosigner', 'Facility/Location', 'Signature Date/Time', 'Author', 'Urgency', 'Signature Block Name', and 'Signature Block Title'. A 'Close' button is at the bottom center.



NOTE: Interdisciplinary Notes, Group Notes and Addendum can be directly viewed from the parent Progress Note, where applicable. See figure below:

Figure 172: Progress Notes - Interdisciplinary Note

The screenshot shows a window titled 'Local Title: GEC CHILD REFERRAL NURSING ASSESSMENT' with a 'Progress Note' tab. The 'Report Text' section contains the following information:

STANDARD TITLE: NURSING HOME HEALTH INITIAL EVALUATION NOTE
 LOCAL TITLE: GEC REFERRAL NURSING ASSESSMENT
 LOCATION: CLINIC VISIT DATE: 20200119
 STANDARD TITLE: NURSING HOME HEALTH INITIAL EVALUATION NOTE
 DATE OF NOTE: 20190119 ENTRY DATE: 20190119 20:01
 AUTHOR: [Redacted] EXP COSIGNER: [Redacted]
 URGENCY: [Redacted] STATUS: COMPLETED

Below this, there is a line 'This is a note for the Child for Interdisciplinary' followed by a signature line: '/es/ [Redacted]'. A 'Signed:' line shows '2019 15:20'. A red box highlights the text '--- Interdisciplinary Note ---'. Below this, there is another section with the following information:

<< Interdisciplinary Note >>
 LOCAL TITLE: GEC EXTENDED CARE REFERRAL
 STANDARD TITLE: HOME HEALTH ADMINISTRATIVE NOTE
 LOCATION: CLINIC VISIT DATE: 200119
 DATE OF NOTE: 20190119 ENTRY DATE: 20190119 15:47
 AUTHOR: [Redacted] EXP COSIGNER: [Redacted]
 URGENCY: [Redacted] STATUS: COMPLETED

Below this, there is a line 'This is a Test for Interdisciplinary' followed by a signature line: '/es/ [Redacted]'. A 'Signed:' line shows '2019 15:19'.

6.5.2. Progress Notes – Query Editor

A **Query Editor** is available to filter and sort records in the Progress Notes tab. To add a filter or change the sort order, open the Query Editor by clicking on the Current Query button. See figure below:

Figure 173: Progress Notes - Query Editor Button

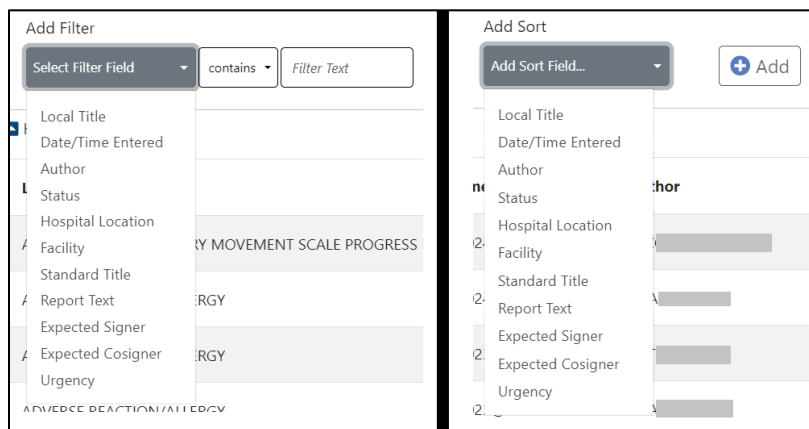
The screenshot shows a navigation bar with buttons for 'Med List', 'Allergies and ADRs' (with a '3+' indicator), 'Vitals', 'Labs', 'Progress Notes', 'Consults', 'Problem List', 'Immunizations', and 'Appointments'. Below the navigation bar, there is a 'Current Query' button with a dropdown arrow. The current query text is: 'Records where Date/Time Entered on or after 06/01/2020, sorted by Date/Time Entered descending, 100 results/page'. Below this, there is a table header with columns: 'Local Title', 'Date/Time Entered' (with a dropdown arrow), 'Author', and 'Status'.

Filtering and sorting options are available by using the dropdown menus shown below. Filter options include **Local Title, Date/Time Entered, Author, Status, Hospital Location, Facility,**

Standard Title, Report Text, Expected Signer, Expected Cosigner and Urgency. Sort options include **Local Title, Date/Time Entered, Author, Status, Hospital Location, Facility, Standard Title, Expected Signer, and Expected Cosigner.**

Once a filter/sort is selected, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. To close the Query Editor, click on the Hide Query Editor Button. See figure below:

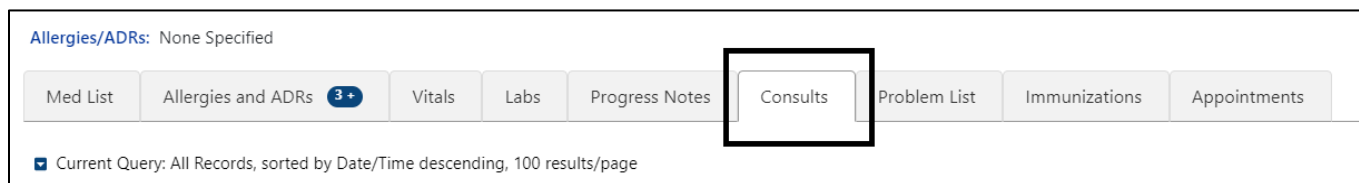
Figure 174: Progress Notes - Filter and Sorting Options



6.6. Consults Tab

From the Consults tab, consult records from all Veterans Health Administration (VHA) facilities will display for the selected patient. The default view includes all records sorted by Date/Time in descending order, with 100 records per page. See figure below:

Figure 175: Consults Tab



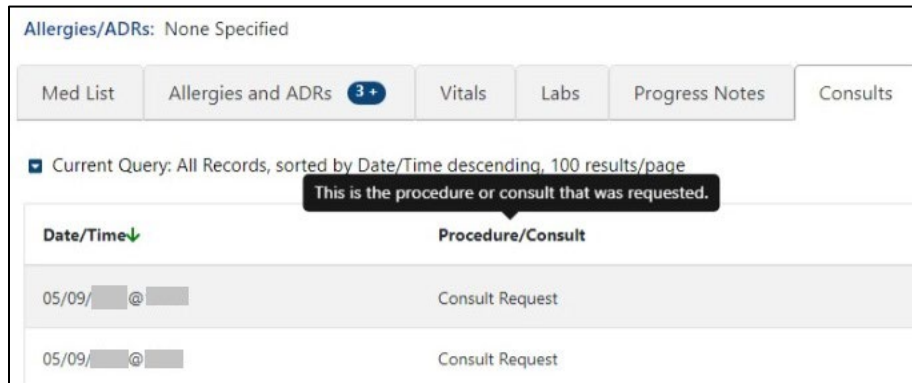
The column headers include **Date/Time, Procedure/Consult, Service, Status, and Facility.** See figure below:

Figure 176: Consults - Column Headers

Date/Time	Procedure/Consult	Service	Status	Facility
05/09/2024	Consult Request	REHABILITATION INPT MEDICINE	PENDING	
05/09/2024	Consult Request	TBI SPEECH THERAPY	PENDING	
12/02/2023	Consult Request	SUR-AUDIOLOGY	PENDING	
02/03/2024	Consult Request	GEC BOWEL AND BLADDER	PENDING	

Help text will display when hovering over the column headers. See figure below:

Figure 177: Consults - Help Text



6.6.1. Consults Tab – Expanded View

To view details for a single Consult record, click on the individual record. A pop-up window displays with data divided into three sections.

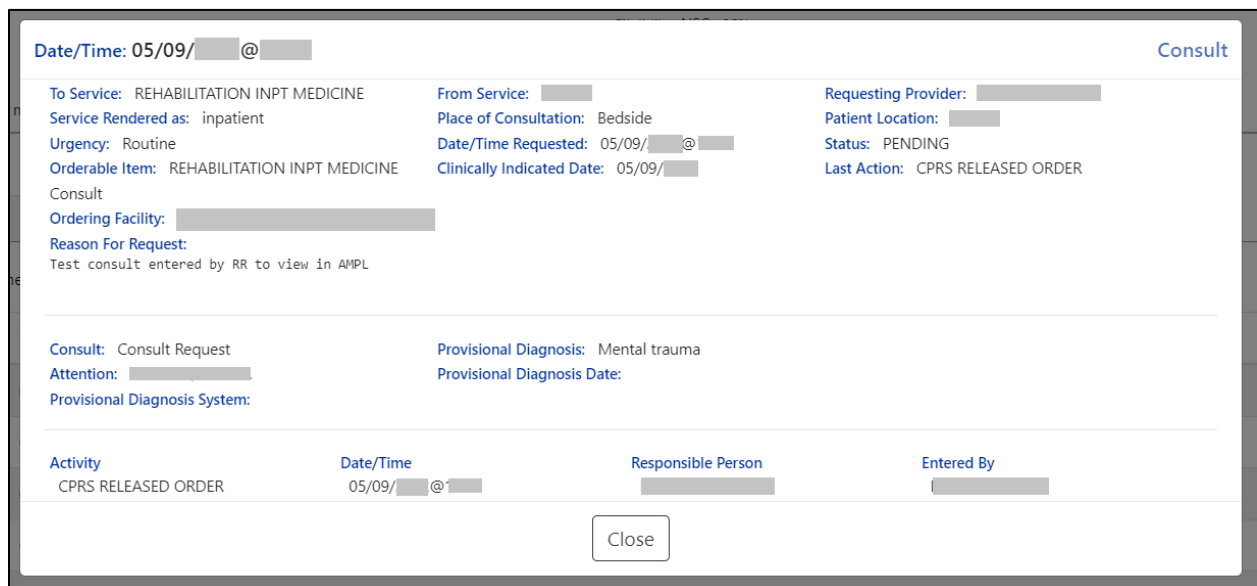
In the first section of the window, the information includes **To Service, From Service, Requesting Provider, Service Rendered as, Place of Consultation, Patient Location, Urgency, Date/Time Requested, Status, Orderable Item, Clinically Indicated Date, Last Action, Significant Findings, Ordering Facility, and Reason for Request.**

The second section includes: **Consult or Procedure, Provisional Diagnosis, Attention, Provisional Diagnosis Date, Provisional Diagnosis System, and Report Text.**

The last section includes **Activity, Date/Time, Responsible Person, Entered By.**

To close the pop-up, click on the Close button or click outside the expanded view window. See figure below:

Figure 178: Consults - Expanded View

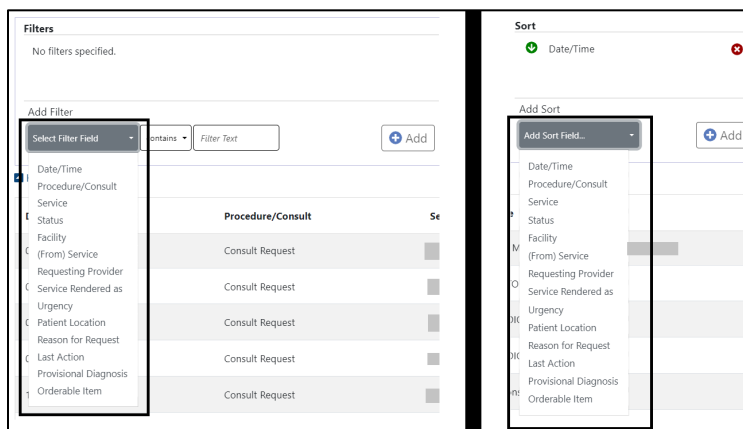


6.6.2. Consults Tab – Query Editor

Filtering and sorting options are available by using the dropdown menus shown below. Both options include **Date/Time, Procedure/Consult, Service, Status, Facility, (From) Service, Requesting Provider, Service Rendered as, Urgency, Patient Location, Reason for Request, Last Action, Provisional Diagnosis and Orderable Item.**

Once a filter/sort is selected, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. To close the Query Editor, click on the Hide Query Editor Button. See figure below:

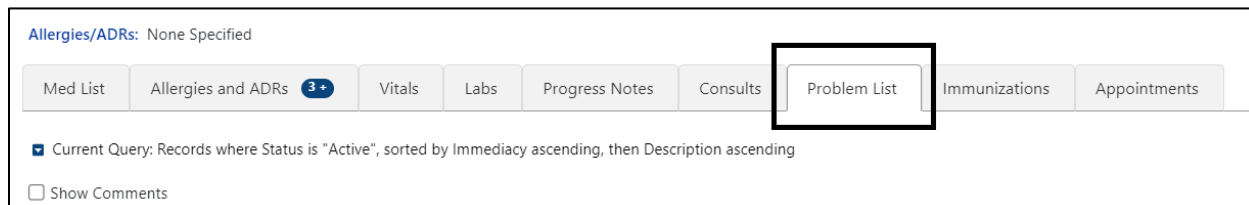
Figure 179: Consults - Filter and Sort



6.7. Problem List Tab

From the Problem List tab, all ‘Active’ problems display. The default view includes all ‘Active’ records sorted by Immediacy ascending, then Description ascending. See figure below:

Figure 180: Problem List Tab



The column headers include **Status**, **Verified**, **Immediacy**, **Description/Comments**, **Onset Date**, **Last Updated Date**, and **Facility**. See figure below:

Figure 181: Problem List - Column Headers

The screenshot shows a web interface with a navigation bar at the top containing tabs for Med List, Allergies and ADRs (3+), Vitals, Labs, Progress Notes, Consults, Problem List, Immunizations, and Appointments. Below the navigation bar, there is a query filter: "Current Query: Records where Status is 'Active', sorted by Immediacy ascending, then Description ascending". A checkbox for "Show Comments" is present. The main content is a table with the following columns: Status, Verified, Immediacy, Description / Comments, Onset Date, Last Updated Date, and Facility. Three data rows are visible, each with a greyed-out "Facility" column.

Status	Verified	Immediacy	Description / Comments	Onset Date	Last Updated Date	Facility
Active	Verified	ACUTE	Acute infection of sinus (SCT)	11/10/	11/10/	
Active	Verified	ACUTE	Age Related Macular Degeneration (SCT)	12/21/	12/21/	
Active	Verified	ACUTE	Alcoholic Cirrhosis (SCT)		01/30/	

Help text will display when hovering over the column headers. See figure below:

Figure 182: Problem List - Help Text

This screenshot is similar to Figure 181 but includes a tooltip over the "Description / Comments" header. The tooltip text reads: "This is the description of the patient's problem. The display of comments can be turned on or off. Sorted in ascending order, sort position 2". The table data is the same as in Figure 181.

Status	Verified	Immediacy	Description / Comments	Onset Date	Last Updated Date	Facility
Active	Verified	ACUTE	Acute infection of sinus (SCT)			
Active	Verified	ACUTE	Age Related Macular Degeneration (SCT)			
Active	Verified	ACUTE	Alcoholic Cirrhosis (SCT)			

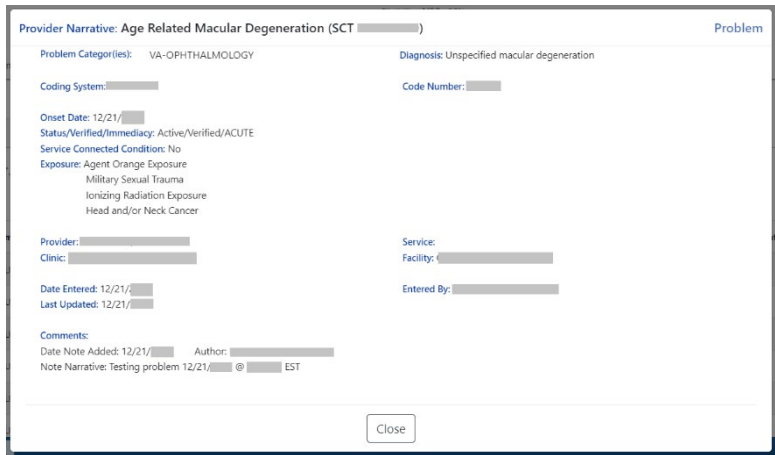
6.7.1. Problem List – Expanded View

To view additional details on a Problem List record, click on the record.

The information includes **Problem Category(ies)**, **Diagnosis**, **Coding System**, **Code Number**, **Onset Date**, **Status/Verified/Immediacy**, **Service-Connected Condition**, **Exposure**, **Provider**, **Service**, **Clinic**, **Facility**, **Date Entered**, **Entered By**, **Last Updated**, **Comments**, and **Audit History**.

To close the pop-up, click on the Close button or click outside the expanded view window. See figure below:

Figure 183: Problem List - Expanded View



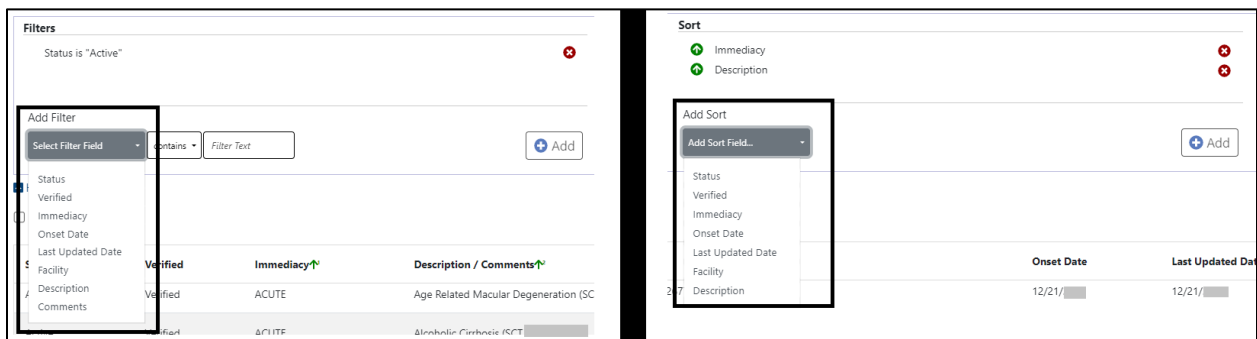
6.7.2. Problem List – Query Editor

Filtering and sorting options are available by using the dropdown menus shown below. Filtering options include **Status, Verified, Immediacy, Onset Date, Last Updated Date, Facility, Description, and Comments.**

Sorting options include **Status, Verified, Immediacy, Onset Date, Last Updated Date, Facility and Description.**

Once a filter/sort is selected, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. To close the Query Editor, click on the Hide Query Editor Button. See figure below:

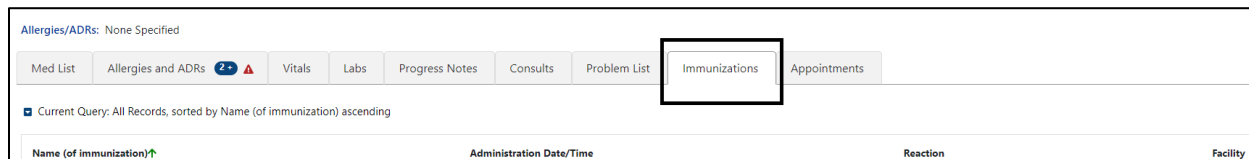
Figure 184: Problem List - Filter and Sort Options



6.8. Immunization Tab

On the Immunizations tab, all Immunizations are displayed, listed by Name (of Immunization) ascending.

Figure 185: Immunization Tab



The column headers include **Name (of immunization)**, **Administration Date/Time**, **Reaction** and **Facility**.

Figure 186: Immunization - Column Headers

Name (of immunization)	Administration Date/Time	Reaction	Facility
BCG	10/09/	LETHARGY	
LYME DISEASE	10/15/	FEVER	

Help text will display when hovering over the column headers. See figure below:

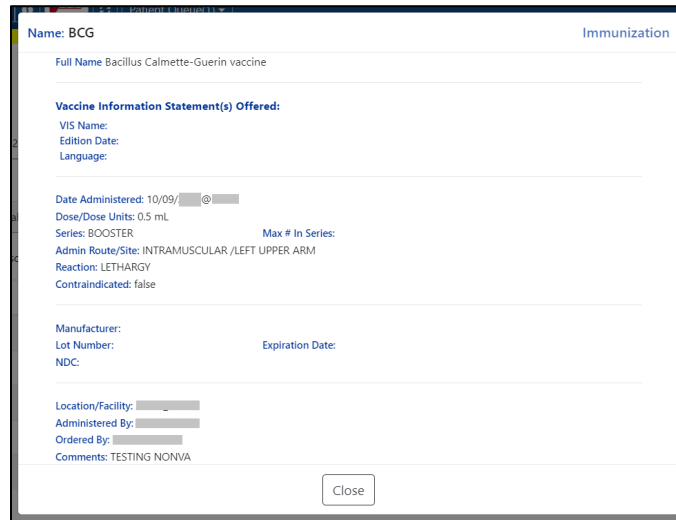
Figure 187: Immunization - Help Text



6.8.1. Immunization Tab – Expanded View

To view additional details on an immunization, click on the record and a pop-up window will display. The information includes **Full Name**, **Vaccine Information Statement(s) Offered**, **VIS (Vaccine Information Statement) Name**, **Edition Date**, **Language**, **Date Administered**, **Dose/Dose Units**, **Series**, **Max # In Series**, **Admin Route/Site**, **Reaction**, **Contraindicated**, **Manufacturer**, **Lot Number**, **Expiration Date**, **NDC**, **Location/Facility**, **Administered By**, **Ordered By**, and **Comments**. To close the pop-up, click on the Close button or click outside the expanded view window. See figure below:

Figure 188: Immunization - Expanded View



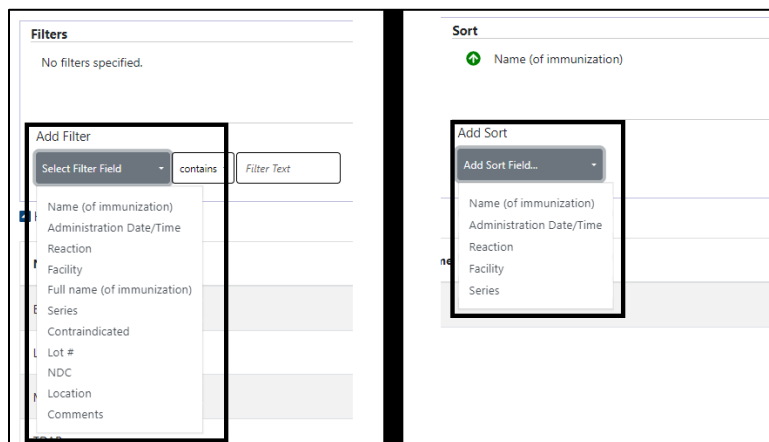
6.8.2. Immunization Tab – Query Editor

Filtering and sorting options are available by using the dropdown menus shown below. Filtering options include **Name (of immunization), Administration Date/Time, Reaction, Facility, Full Name (of immunization), Series, Contraindicated, Lot #, NDC, Location, and Comments.**

Sorting options include **Name (of immunization), Administration Date/Time, Reaction, Facility, and Series.**

Once a filter/sort is selected, click **Add** to have the filter added to the search criteria. Continue this process with other filters, as needed. Once completed, click on **Refresh** to update the display. To delete a filter, select the **red “X” icon** to the right of it. To clear filters added by the user and return to the tab’s default, click the **Reset** button. To close the Query Editor, click on the Hide Query Editor Button. See figure below:

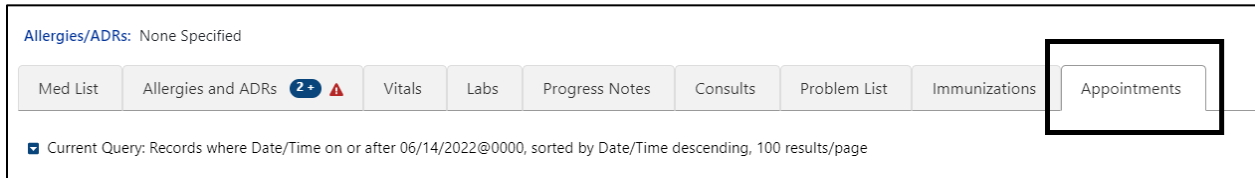
Figure 189: Immunization - Filters and Sort Options



6.9. Appointments Tab

The Appointments tab displays data for the last year, sorted by Date/Time descending order, 100 results per page will display. See figure below:

Figure 190: Appointments Tab



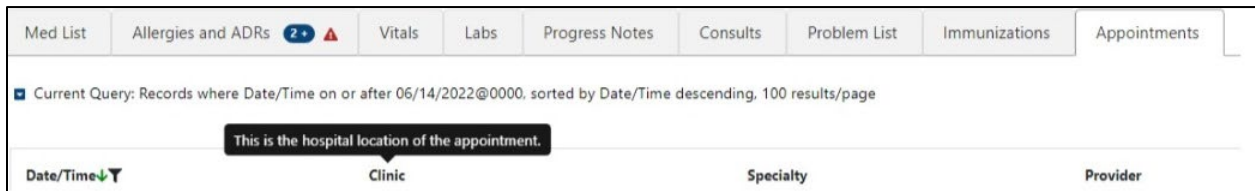
The column headers include **Date/Time, Clinic, Specialty, Provider, Status, and Facility**. See figure below:

Figure 191: Appointments - Column Headers

Date/Time	Clinic	Specialty	Provider	Status	Facility
06/02	BMS CLINIC 1			INPATIENT/FUTURE	
07/22	BMS CLINIC 1			INPATIENT/FUTURE	

Help text will display when hovering over the column headers. See figure below:

Figure 192: Appointments - Help Text



Two print buttons are in the top right corner of the Appointments tab, Print Current List or Print Upcoming Appointments. See figure below:

Figure 193: Appointments - Print Buttons



6.9.1. Appointments Tab – Expanded View

Click on an individual appointment to see Progress Note(s) associated with the record. For past appointments, a pop-up window displays any Progress Note(s) associated with the visit. Future appointments and those without an associated Progress Note will display “No Progress Notes for this appointment”. If multiple notes are associated with the visit, including group notes, amendments, and addendums, all will be displayed. Information includes **Standard Title, Report Text, Date of Note, Entry Date, Author, Exp Signer, Exp Cosigner, Urgency, Status, Facility/Location, Signed By, Signature Date/Time, Signature Block Name, and Signature Block Title**. See figure below:

Figure 194: Appointments - Expanded View

Local Title: 10-10M MEDICAL PROGRESS NOTE Progress Note

Standard Title: Progress Note

Report Text:

LOCAL TITLE: 10-10 MEDICAL PROGRESS NOTE
STANDARD TITLE: PHYSICIAN OUTPATIENT NOTE
DATE OF NOTE: NOV 23, @ ENTRY DATE: NOV 23, @
AUTHOR: EXP COSIGNER:
URGENCY: STATUS: COMPLETED

Test PN associated with appointent 11/23

/es/

Signed: 11/23/

Date of Note: 11/23/@	Entry Date: 11/23/@	Author:
Exp Signer:	Exp Cosigner:	Urgency:
Status: COMPLETED	Facility/Location: /	
Signed By:	Signature Date/Time: 11/23/@	Signature Block Name:
		Signature Block Title:

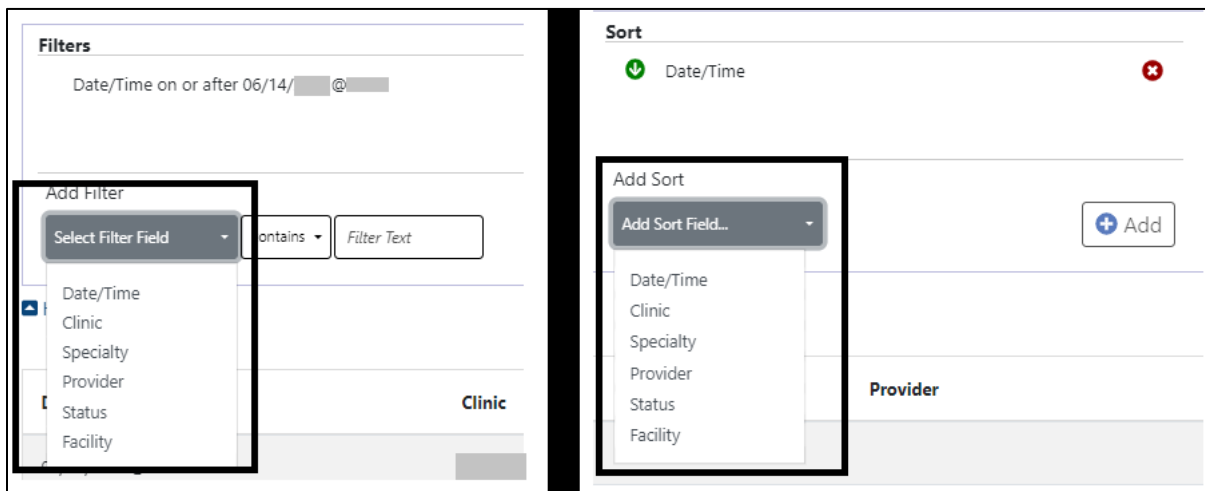
6.9.2. Appointments Tab – Query Editor

Filtering and sorting options are available by using the dropdown menus shown below. Filtering options include **Date/Time, Clinic, Specialty, Provider, Status and Facility**.

Sorting options include **Date/Time, Clinic, Specialty, Provider, Status and Facility**.

Once a filter/sort is selected, click Add to have it added to the search criteria. Continue this process with other filters, as needed. Once completed, click on Refresh to update the display. To delete a filter, select the red “X” icon to the right of it. To clear filters added by the user and return to the tab’s default, click the Reset button. To close the Query Editor, click on the Hide Query Editor Button. See figure below:

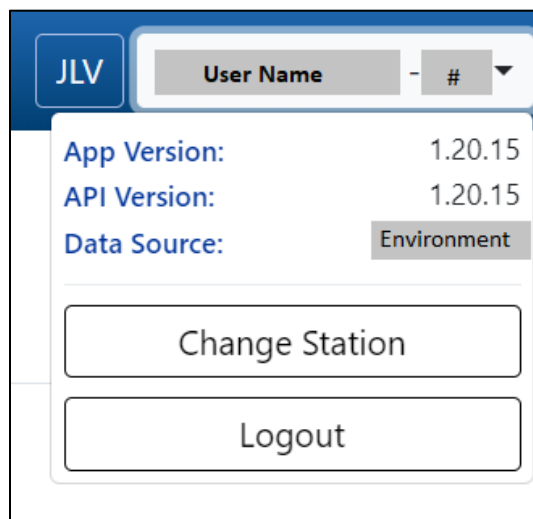
Figure 195: Appointments - Filter and Sort Options



7. Version and Build Information

From AMPL GUI application, version and build information is available by clicking in the user-station number box in the upper right corner of the header. See figure below:

Figure 196: Version and Build Information



7.1. Date Formats for Entry

When searching, enter dates in the customary format of *mm/dd/yyyy* format.

7.2. Time Display

The remote orders times will remain in the time zone where they were given or recorded.

8. Joint Legacy Viewer (JLV) Button

Joint Legacy Viewer (JLV) is accessible by clicking the JLV button in the upper right corner of the screen. It includes data from external partners (e.g. (Department of Defense (DOD))). See figure below:

Figure 197: Joint Legacy Viewer (JLV) Button

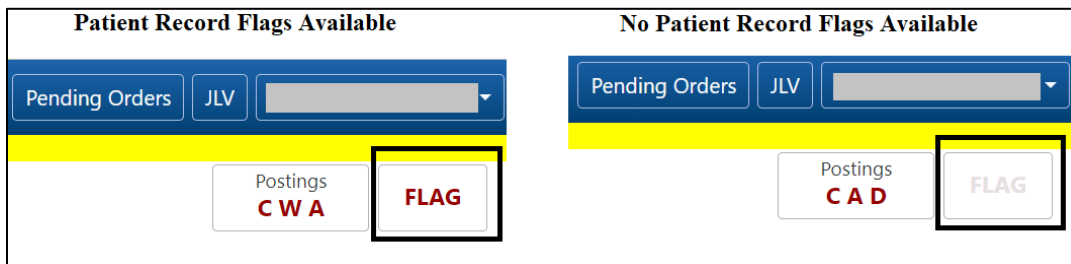


9. Patient Record Flag

Patient Record Flags alert VHA employees of patients whose behavior or characteristics may pose a threat to the safety of the employee, other patients, or compromise the delivery of quality health care. Patient Record Flags are divided into types: Category I (national) and Category II (local). Each type is described in sections below.

The Patient Record Flag indicator is included in the Patient Header on the coversheet. The button will display “FLAG” in red when Patient Records Flags are available. If no Patient Record Flags are available, the button will be disabled. See figure below:

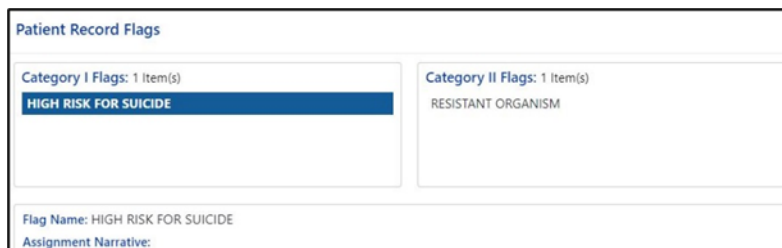
Figure 198: Patient Record Flag Indicator



9.1. Patient Record Flag Window Display

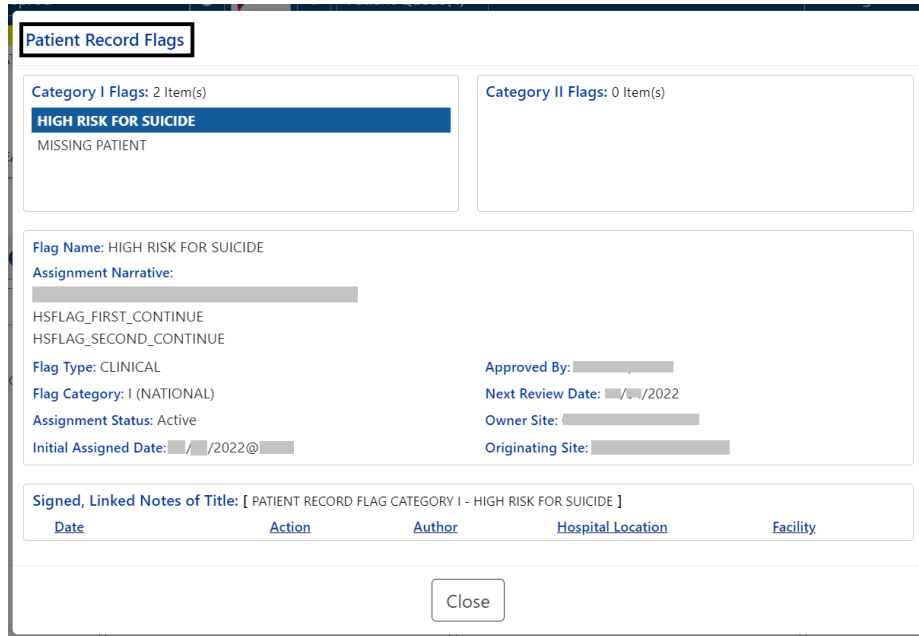
Patient Record Flags are accessible by clicking on the Patient Record Flag button. The Patient Record Flag information includes **Category I Flags**, **Category II Flags**, **Flag Name**, **Assignment Narrative**, **Flag Type**, **Approved By**, **Flag Category**, **Next Review Date**, **Assignment Status**, **Owner Site**, **Initial Assigned Date**, **Originating Site**, and **Signed, Linked Notes of Title**. See figure below:

Figure 199: Patient Record Flags



If multiple Patient Record Flags exist for a patient, details of each flag are accessible by clicking on it. See figure below:

Figure 200: Patient Record Flag Window



9.2. Patient Record Flag – Category I Flags (National)

Category I Patient Record Flags are established and approved at a national level and are transmitted to all facilities, ensuring that these flags are universally available.

Each flag includes a narrative that describes the reason for the flag and may include some suggested actions for users to take when they encounter the patient.

Category I Patient Record Flags will display in a pop-up when the patient’s record is opened. They may also be accessed by clicking on the Flag button in patient demographics.

The Progress Note for the Category I Patient Record Flag is also available. To access the note, click on the note link under the Signed, Linked Notes of Title section. See figure below:

Figure 201: Patient Record Flag Category I Flag Signed, Linked Notes

Signed, Linked Notes of Title: [PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE]				
Date	Action	Author	Hospital Location	Facility
[redacted]/2023@ [redacted]	REACTIVATE	[redacted]	[redacted]	[redacted]

Upon clicking the link for the Linked Note, a new window displays the Progress Note for the Patient Record Flag Category including the **Date of Note, Entry Date, Author, Expiration Signer, Expiration Cosigner, Urgency, Status, Facility/Location, Signed By, Signature Date/Time, Signature Block Name, and Signature Block Title**. See figure below:

Figure 202: Patient Record Category Flag I Progress Note Window

Local Title: PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE

Standard Title: MENTAL HEALTH PATIENT RECORD FLAG

Report Text:

LOCAL TITLE: PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUIC
 STANDARD TITLE: MENTAL HEALTH PATIENT RECORD FLAG
 DATE OF NOTE: [REDACTED], 2023@[REDACTED] ENTRY DATE: [REDACTED], 2023@[REDACTED]
 AUTHOR: [REDACTED] EXP COSIGNER:
 URGENCY: STATUS: COMPLETED

PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE

Flag Type: CLINICAL **Approved By:** [REDACTED]
Flag Category: I (NATIONAL) **Next Review Date:** [REDACTED]/2023
Assignment Status: Active **Owner Site:** [REDACTED]
Initial Assigned Date: [REDACTED] 2015@[REDACTED] **Originating Site:** [REDACTED]

Signed, Linked Notes of Title: [[PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE](#)]

Date	Action	Author	Hospital Location	Facility
[REDACTED] 2023@[REDACTED]	REACTIVATE	[REDACTED]	[REDACTED]	[REDACTED]

9.3. Patient Record Flag – Category II Flags (Clinical)

Category II Patient Record Flags are established and approved at a local level by individual VISNs or facilities. They are not shared between sites. When a flag is selected, details for the flag will be displayed, including **Flag Name**, **Assignment Narrative**, **Flag Type**, **Flag Category**, **Assignment Status**, **Initial Assignment Date**, **Approved By**, **Next Review Date**, **Owner Site**, **Originating Site**, and a **link to the related Progress Note**. The Progress Note for the Category II Patient Record Flag is also available. To access the note, click on the note link under the Signed, Linked Notes of Title section. See figure below:

Figure 203: Category II Flags

Patient Record Flags

Category I Flags: 2 Item(s)
 BEHAVIORAL
 MISSING PATIENT

Category II Flags: 1 Item(s)
HIGH RISK FOR SUICIDE

Flag Name: HIGH RISK FOR SUICIDE
Assignment Narrative:
 THIS IS HIGH RISK REASON TEXT TO TEST IN AMPL.
Flag Type: CLINICAL
Flag Category: II (LOCAL)
Assignment Status: Active
Initial Assigned Date: /2020@

Approved By: _____
Next Review Date: /2021
Owner Site: _____
Originating Site: _____

Signed, Linked Notes of Title: [PATIENT RECORD FLAG CATEGORY II - HIGH RISK FOR SUICIDE]

Date	Action	Author	Hospital Location	Facility
/2020@	NEW ASSIGNMENT	_____	_____	_____

Close

Figure 204: Patient Record Flag Category II Flag Signed, Linked Notes

Signed, Linked Notes of Title: [PATIENT RECORD FLAG CATEGORY II - HIGH RISK FOR SUICIDE]

Date	Action	Author	Hospital Location	Facility
/2020@	NEW ASSIGNMENT	_____	_____	_____

Upon clicking on the link for the Progress Note, a new window displays the Progress Note for the Patient Record Flag Category II including the Date of Note, Entry Date, Author, Expiration Signer, Expiration Cosigner, Urgency, Status, Facility/Location, Signed By, Signature Date/Time, Signature Block Name, and Signature Block Title.

To Close the Progress Note, use the button at the bottom of the window.

Figure 205: Patient Record Category Flag II Progress Note Window

Local Title: PATIENT RECORD FLAG CATEGORY II - HIGH RISK FOR SUICIDE Progress Note

Standard Title: RISK ASSESSMENT SCREENING PATIENT RECORD FLAG
Report Text:

LOCAL TITLE: PATIENT RECORD FLAG CATEGORY II - HIGH RISK FOR SUICIDE
 STANDARD TITLE: RISK ASSESSMENT SCREENING PATIENT RECORD FLAG
 DATE OF NOTE: /2020@ ENTRY DATE: /2020@
 AUTHOR: _____ EXP COSIGNER: _____
 URGENCY: _____ STATUS: COMPLETED

*** PATIENT RECORD FLAG CATEGORY II - HIGH RISK FOR SUICIDE Has ADDENDA ***

THIS IS PROGRESS NOTE FOR HIGH RISK PATIENT TO TEST IN AMPL.

/es/ _____
 Signed: /2020@

02/03/2021 ADDENDUM STATUS: COMPLETED
 testing xxxxxxxxxxxxxxxxxxxx

/es/ ARTI SHARMA
 Chief of Surgery
 Signed: /2021@

Date of Note: /2020@ **Entry Date:** /2020@ **Author:** _____
Exp Signer: _____ **Exp Cosigner:** _____ **Urgency:** _____
Status: COMPLETED **Facility/Location:** _____
Signed By: _____ **Signature Date/Time:** /2020@ **Signature Block Name:** _____
Signature Block Title: _____

Print Close

10. Clinical Context Object Workgroup (CCOW)

Clinical Context Object Workgroup (CCOW) is a Health Level Seven (HL7) International standard protocol designed to enable disparate applications to synchronize patient context in real time and at interface level.

AMPL GUI participates in patient context sharing both with the VA's existing enterprise desktop CCOW software and with individual VistA systems.

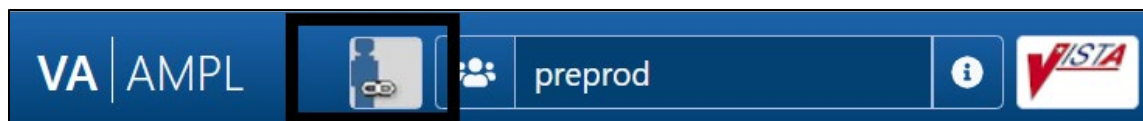
When switching patients in AMPL GUI, participating applications such as CPRS will be notified of the change and switch to the new patient. Similarly, switching patients in a participating application will cause AMPL GUI to change to the new patient.

AMPL GUI allows sharing patient context with individual VistA systems, integrating with VistA's 'Last Selected Patient' functionality.

10.1. Desktop Patient Context – Context Status

A visual indicator of current context-sharing status is displayed in the AMPL GUI header using the same iconography as CPRS.

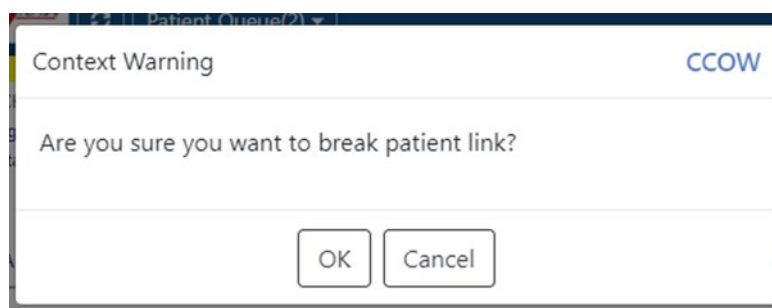
Figure 206: Context Status



10.2. Desktop Patient Context – Suspend (Break) Context Links

Clicking on the status button will turn off context sharing, prompting for confirmation beforehand. See figure below:

Figure 207: Context Sharing Confirmation Window

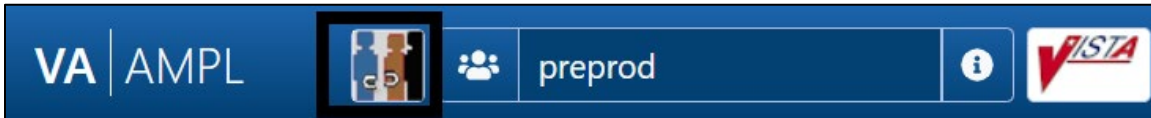


Once context is broken, switching patients in AMPL will no longer change the current patient in other participating GUI applications and vice versa.

10.3. Desktop Patient Context – Re-establish (Rejoin) Context Link

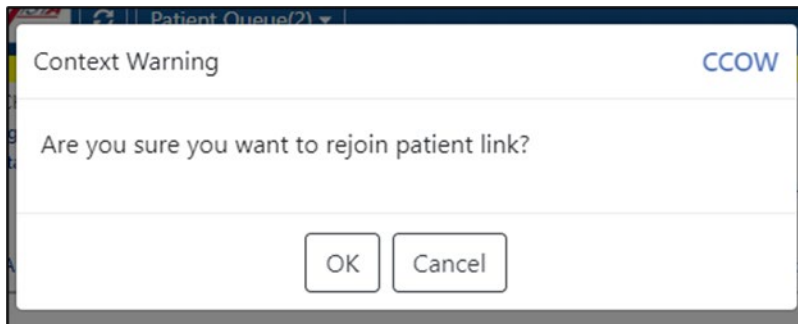
Re-establish patient context by clicking the CCOW button in the AMPL GUI header. See figure below:

Figure 208: CCOW Button



A prompt to confirm prior to re-establishing context will display. See figure below:

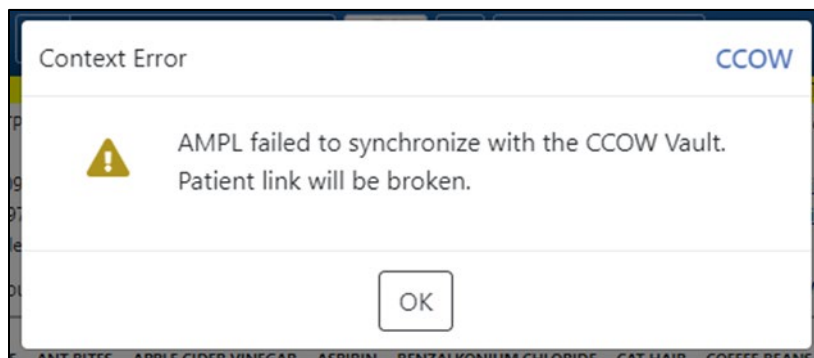
Figure 209: Re-establishing Context Confirmation



10.4. Desktop Patient Context – Notification of Failed Context Changes

If changing context or checking for context changes in AMPL GUI fails, context will be broken, and an error message will display. See figure below:

Figure 210: Notification of Failed Context Changes Window



11. VistA ‘Spacebar Return’ Functionality in AMPL GUI Application

AMPL GUI provides a mechanism to mimic VistA’s “Last Selected Patient” functionality.

11.1. VistA Logo Button

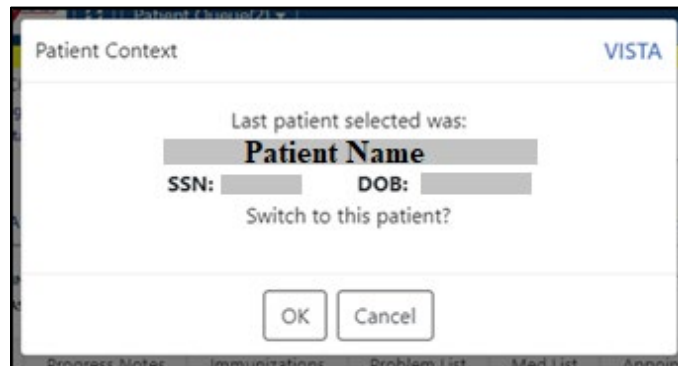
To switch to the patient that is currently selected in VistA, click on the VistA logo button located in the AMPL GUI header. See figure below:

Figure 211: VistA Logo Button



After clicking on the VistA logo button, the option to choose whether a patient change should be made in AMPL is displayed in a pop-up. See figure below:

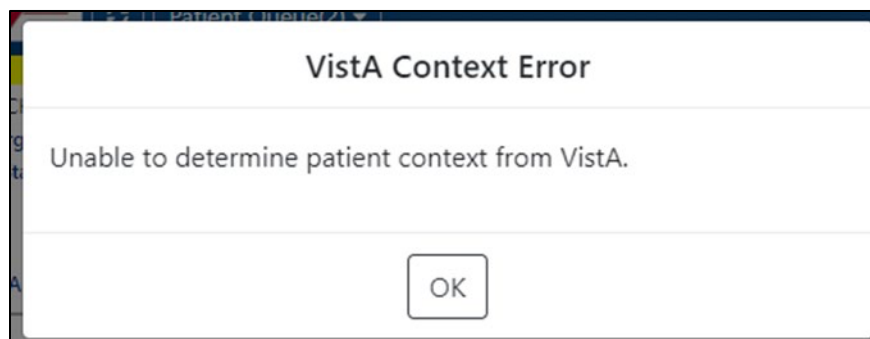
Figure 212: Notification of Patient Change in AMPL



11.2. VistA Patient Context – Change Cannot be Done in AMPL

When using the VistA logo button, when a VistA context cannot be made in AMPL an error message will display. See figure below:

Figure 213: Patient Context Change Cannot be Made in AMPL Notification Window



11.3. Vista 'Spacebar Return' Function

In Vista, using the existing 'Spacebar Return' function at a 'Select Patient' prompt will select the currently selected AMPL GUI patient. The user must be in the AMPL Patient Cover Sheet.

Figure 214: Vista Spacebar Return Function

```
Select Pharmacy <TEST ACCOUNT> Option: ice Inpatient Order Entry
Select IV ROOM NAME: phARMACY

You are signed on under the PHARMACY IV ROOM

Current IV LABEL device is: LINUX SSH
Current IV REPORT device is: LINUX SSH

Select PATIENT: Patient Name
WARNING : ** This patient has been flagged with a Bad Address Indicator.
Enrollment Priority: GROUP 2 Category: NOT ENROLLED End Date: /2020

Remote data not available - Only local order checks processed.

Press Return to continue...
```

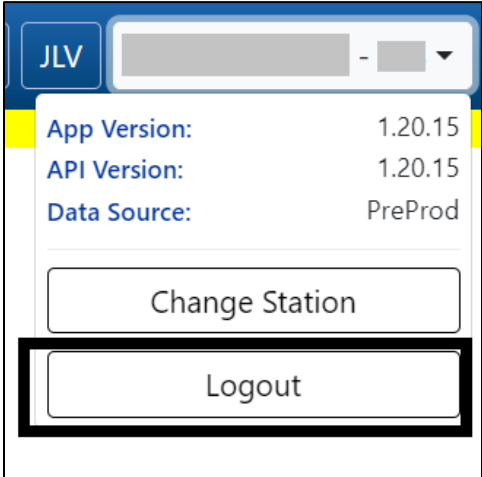

12. Changing User ID and Password

A PIV card is used to validate users for access.

13. Exit System

To exit the system, navigate to the dropdown next to your username in the upper right-hand corner of the AMPL GUI header. click on the Logout button found under the Change Station button. See figure below:

Figure 215: Logout Button



14. Caveats and Exceptions

Caveats and Exceptions are not applicable to AMPL GUI.

15. Troubleshooting

This section includes general information regarding errors, probable causes, and resolutions.

Symptom	Cause	Resolution
When logging into AMPL, you see a blank page.	AMPL is designed for Chrome-based browsers.	Use a Chrome-based browser.
When logging into AMPL, you receive a message saying, "You do not have sufficient permissions to use the application."	Your user account has not been added to the required Active Directory Group.	Contact support to have your windows account added to the proper security group.
While using the application, the display is poorly formatted, or user interface elements do not perform as intended.	AMPL is designed for Chrome-based browsers with a minimum window size of 1024x768 pixels.	Use a Chrome-based browser and try increasing the size of the browser window.
While using the application you are taken back to the login page.	Your IAM user session has expired.	Log back into the application.
While using the application you receive a message saying an error occurred while retrieving data.	A system-level error has occurred.	Contact support to report the issue.
When a patient record loads user receives a Pre-Check error	Error occurred while performing the patient pre-check.	Patient record will be loaded without additional user interaction
When a patient record loads in AMPL, on rare occasions some data may be missing.	Technical Issues in AMPL.	A warning indicator icon displays on a domain TAB on the Cover Sheet if any such data is missing for the domain. The icon will remain as long as the patient's record is open.
A patient record loads in AMPL missing recent updates to patient demographic data.	Updates to patient demographic data in VistA do not trigger propagation to VDIF.	When other data updates for that patient such as medication order changes are made, VistA will trigger the updates including the patient demographics changes to be propagated to VDIF. This will make the data changes available in AMPL.

16. Acronyms and Abbreviations

The following table lists acronyms found in this document and provides definitions.

Acronym	Definition
ACOE	Agile Center of Excellence
AD	Active Directory
ADRs	Adverse Reactions
AITC	Austin Information Technology Center
AMPL GUI	Advanced Medication Platform Graphic User Interface
BMI	Body Mass Index
BSA	Body Surface Area
CCOW	Clinical Context Object Workgroup
CD	Critical Decision (Used in the VIP Process)
CMOP	Consolidated Mail Outpatient Pharmacies
CPRS	Computerized Patient Record System
CrCL	Creatine Clearance
CREAT	Creatine
CVP	Central Venous Pressure
CWAD	Crisis Notes, Warning Notes, Allergies/ADRs, and Directives
DNR	Do Not Resuscitate
DOD	Department of Defense
EKG	Electrocardiogram
eMI	Enterprise Messaging Infrastructure
ePAS	Electronic Permissions Access
EUO	End-User Operations
FHIR	Fast Healthcare Interoperability Resources
GMR	General Medical Record
HL7	Health Level Seven
ID	Identification
IEN	Internal Entry Number
ITOPS	IT Operations and Services
JVL	Joint Longitudinal Viewer
mg/dL	Milligrams per deciliter
MHA	Mental Health Assistant

Acronym	Definition
MPI	Master Patient Index
NAA	No Allergy Assessment
NARS	Network Access Request
NKA	No Known Allergies
OIT	Office of Information and Technology
PADE	Pharmacy Automated Dispensing Equipment
PBM	Pharmacy Benefits Management
PIV	Personal Identity Verification
POW	Prisoner of War
Q12H	Taking medication every 12 Hours
Q8H	Taking medication every 8 Hours
SSN	Social Security Number
SSOI	Single Sign-On Internal
TIU	Text Integration Utility
URL	Uniform Resource Locator
VAEC	Veterans Affairs Enterprise Cloud
VAMC	Veterans Affairs Medical Center
VBA	Veterans Benefits Administration
VHA	Veterans Health Administration
VIP	Veterans-focused Integration Process
VIS	Vaccine Information Statement
VistA	Veterans Health Information Systems and Technology Architecture
VPR	Virtual Patient Record

17. Appendix A: Post-implementation Access or Removal Requests

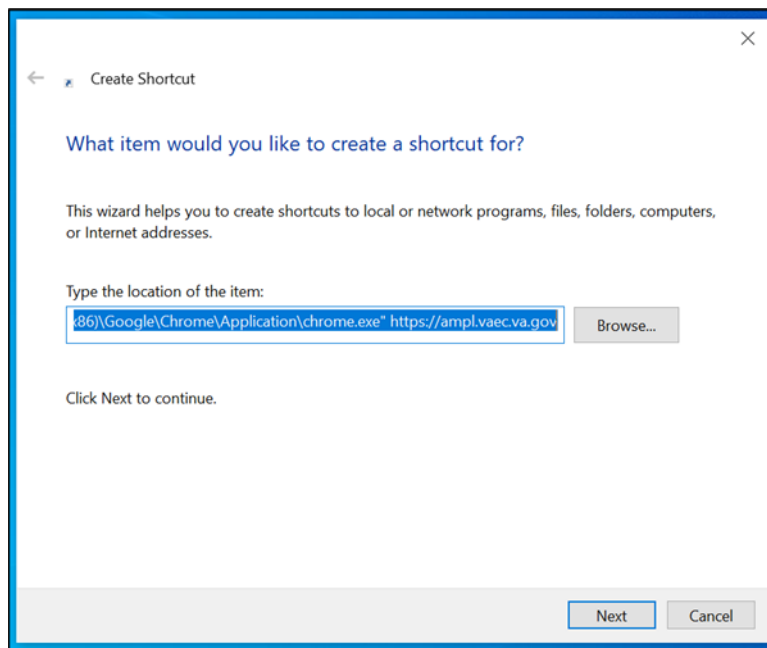
Access to AMPL GUI is granted by membership in an Active Directory (AD) group. After initial implementation, a site may request access or removal of an individual by following the process used by their site. There are several processes for requesting and removing membership to the AD group, including ePAS, Network Access Requests (NARS) or helpdesk requests. Each region may use a different process. Please check with local IT end-user operations (EUO), or IT Operations and Services (ITOPS) to find the current process for your site.

18. Appendix B: AMPL Desktop Shortcut

The AMPL application can be easily accessed by creating a Desktop Shortcut. Follow the step-by-step instructions below to create a shortcut for your desktop.

1. **Right-click** on a blank area of your desktop and select “New” and then “Shortcut”.
2. For the location, **type** the path to the browser you wish to use followed by the AMPL URL (<https://ampl.vaec.va.gov>). The following figure depicts Google Chrome as an example.

Figure 216: Desktop Shortcut



3. Type the name for the shortcut: “AMPL”.
4. **Select** “Next”.
5. **Select** “Finish”. The shortcut is now created and will be found on your Desktop.