

Enterprise Health Management Platform (eHMP)

eHMP v1.1 User Guide



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1. Introduction

The purpose of this User Guide is to provide a point of reference for users of the Enterprise Health Management Platform (eHMP) application.

1.1. What is eHMP?

The eHMP project, within the Veterans Health Information Systems and Technology Architecture (VistA) Evolution program, will introduce expanded capabilities and modernize existing features of the Department of Veterans Affairs (VA) VistA Electronic Health Record (EHR) system. The eHMP project is a multi-year effort to evolve a modern, service-oriented Enterprise Health Application Platform. This platform includes VistA Exchange, the eHMP Clinical Practice Environment (CPE), and certain clinical knowledge enrichment and decision support services. VistA Exchange is the clinical data services engine, federating clinical data from a variety of VA and Department of Defense (DoD) sources into an Enterprise Virtual Patient Record (eVPR). The eHMP CPE framework will incorporate capabilities currently provided by the Joint Legacy Viewer (JLV) and the hi2 HMP. eHMP CPE will eventually replace the Computerized Patient Record System (CPRS) as VA's primary point of care application.

1.2. Using eHMP Documentation

1.2.1. Related Manuals

Additional reference materials will be produced with each release of the eHMP application.

1.2.2. Online Help

Online help will be available in a future release.

1.3. eHMP Graphical User Interface (GUI)

eHMP is a web-based application, and is designed to run in a web browser. The preferred browser is Internet Explorer, up to and including version 9.

1.4. The Organization of this User Guide

This User Guide is organized to mimic the use of the application, beginning with how to log in to eHMP, and progresses by giving instructions for each of the features available within the application.

2. Signing in to eHMP

The login screen is comprised of disclosure and warning language, as well as application information on the left side of the window, and the credentials entry fields on the right side of the window.

Figure 2-1 The eHMP Login Screen

INNOVATIONS-SNDBX
Version 1.0.0

You have accessed the SNDBX Cache Account. Access privilege is based on specified need. As a user on this system, YOU are responsible for complying with all security regulations regarding access. YOU are not to share access codes with anyone or to access accounts that do not pertain to YOUR job. YOU are responsible for maintaining the integrity, confidentiality, and security of all information contained in this system.

USERS who use this system inappropriately will have their access terminated and removed from the system. VIEWing this message indicates that YOU agree with the terms of system use.

MISUSE of this system constitutes a Federal Crime.

>> CPRS is installed in this account
>> CPRS GUI IS AT VERSION 29 (OR*3*306)
>> VeHU Copy Date: 16 May 2014

MISUSE of this system constitutes a Federal Crime.

ENTERPRISE HEALTH MANAGEMENT PLATFORM

Select a facility...

Access Code

Verify Code

Sign In

To Sign in to eHMP:

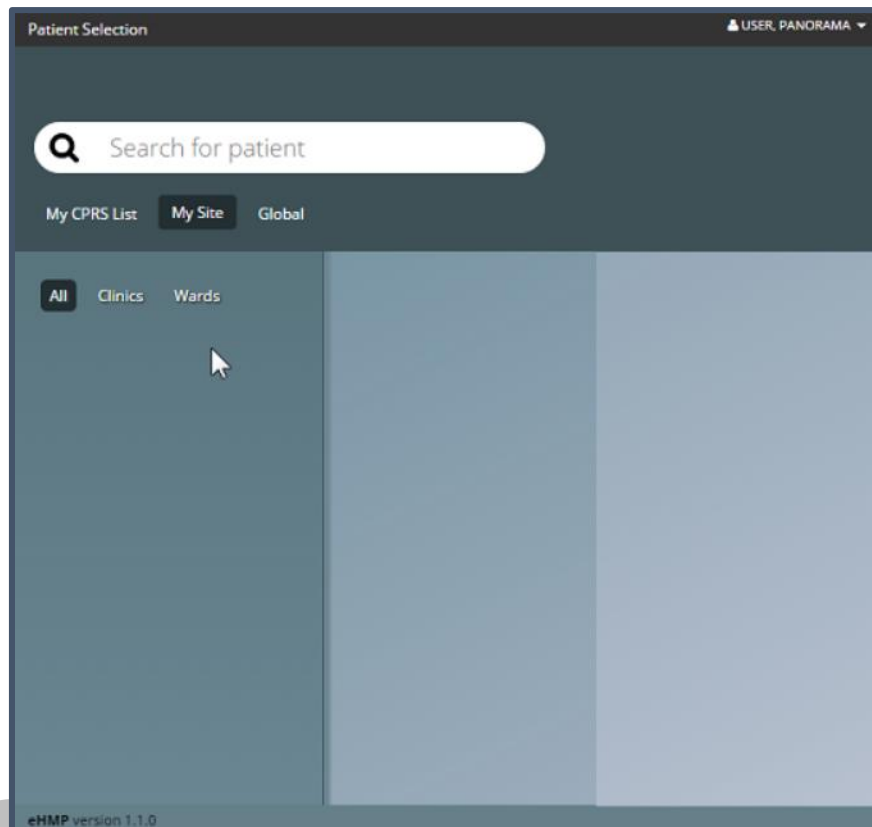
1. Type the **eHMP web address** into the browser address field.
2. Select a facility from the **Select a facility...** dropdown menu
3. Type the VistA access code into the **Access Code** field and press the **Tab** key
4. Type the VistA verify code into the **Verify Code** field
5. Click the **Sign In** button

2.1. The eHMP Environment

2.1.1. Default View

Once logged into eHMP, the user will be taken to the **Patient Selection** screen, and will have the opportunity to search for a patient.

Figure 2-2 Default eHMP View



3. Accessing Patient Information

In order to access patient information and the detailed views of the eHMP application, the user must conduct a patient search.

3.1. Search for a Patient

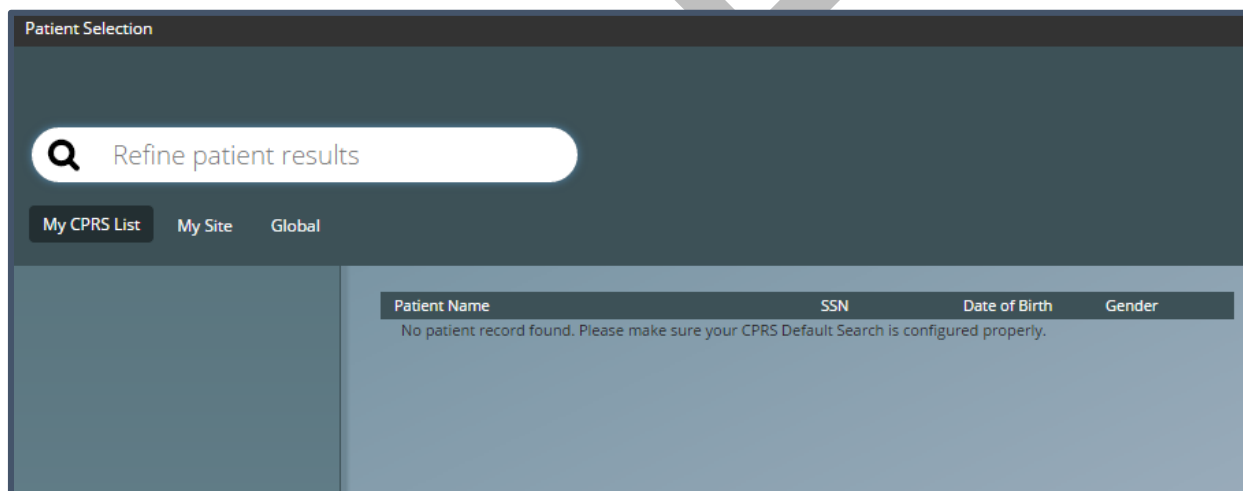
There are three methods for conducting a search for a patient in eHMP:

- My CPRS List search
- My Site search
- All Patients search

3.1.1. My CPRS List

The My CPRS List view (Figure 3-1) is the landing page upon login. If a user has defined a default patient selection list in CPRS, that same list of patients will be presented here. A patient may be selected from this list by clicking their name.

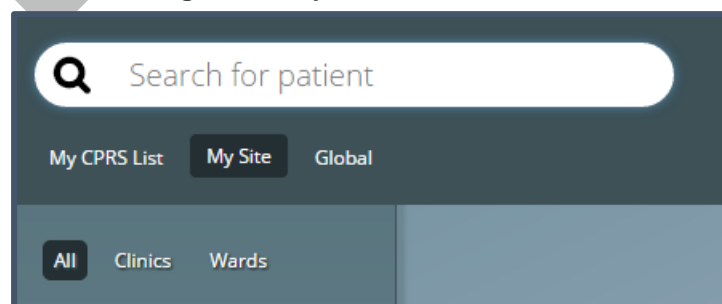
Figure 3-1 My CPRS List Search View



3.1.2. My Site


The My Site search allows the user to search for a patient from a comprehensive list of all patients, from a specific clinic, or in a specific ward from the user's local VA facility.

Figure 3-2 My Site Search/All View



3.1.2.1. All

To conduct a search using the **My Site/All** method:

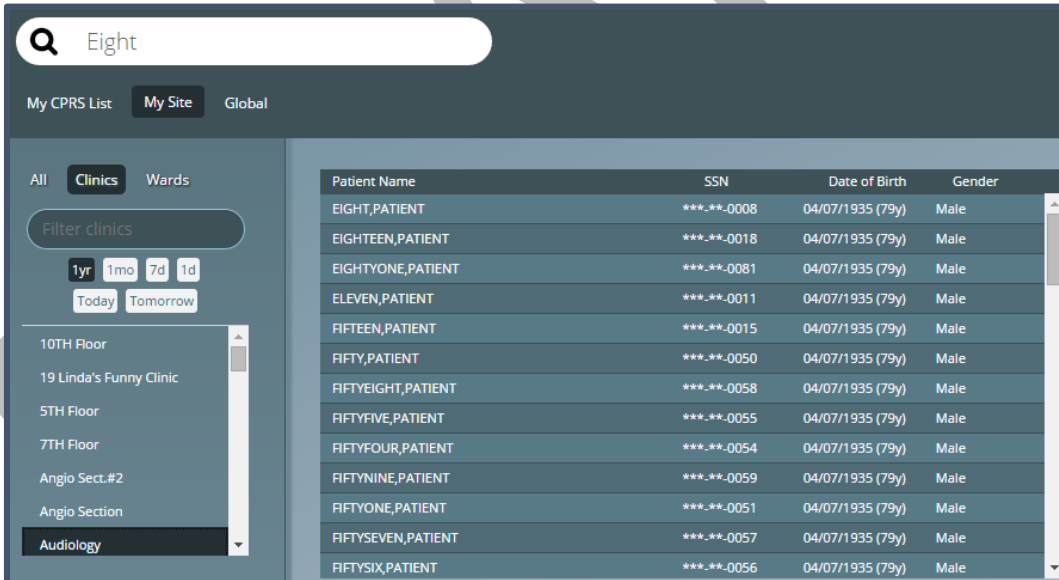
1. Click **My Site**. The default search type is **All**.
2. Type the two full patient identity traits (the last name, first name or SSN) in the **Search for patient** field.
3. Click the  icon, or press the **Enter** key on the keyboard.
4. The results will open in the right-hand side of the application window.

3.1.2.2. Clinics

To search for a patient using the **My Site/Clinics** method:

1. Click **My Site**.
2. Click **Clinics**.
3. Select the name of the clinic from the list.
4. Type the two full patient identity traits (the last name, first name or SSN) in the **Refine patient results** field.
5. The results will open in the right-hand side of the application window.

Figure 3-3 My Site/Clinics Search Results



Patient Name	SSN	Date of Birth	Gender
EIGHT,PATIENT	***-**-0008	04/07/1935 (79y)	Male
EIGHTEEN,PATIENT	***-**-0018	04/07/1935 (79y)	Male
EIGHTYONE,PATIENT	***-**-0081	04/07/1935 (79y)	Male
ELEVEN,PATIENT	***-**-0011	04/07/1935 (79y)	Male
FIFTEEN,PATIENT	***-**-0015	04/07/1935 (79y)	Male
FIFTY,PATIENT	***-**-0050	04/07/1935 (79y)	Male
FIFTYEIGHT,PATIENT	***-**-0058	04/07/1935 (79y)	Male
FIFTYFIVE,PATIENT	***-**-0055	04/07/1935 (79y)	Male
FIFTYFOUR,PATIENT	***-**-0054	04/07/1935 (79y)	Male
FIFTYNINE,PATIENT	***-**-0059	04/07/1935 (79y)	Male
FIFTYONE,PATIENT	***-**-0051	04/07/1935 (79y)	Male
FIFTYSEVEN,PATIENT	***-**-0057	04/07/1935 (79y)	Male
FIFTYSIX,PATIENT	***-**-0056	04/07/1935 (79y)	Male

3.1.2.2.1. Filter

Filter the list of results from a **My Site/Clinics** search by typing the name of the clinic in the **Filter** field, and/or by clicking on the time frame buttons. The default time frame for a clinic search is one year.

3.1.2.3. Wards

To search for a patient within a specific ward using the **My Site/Wards** method:

1. Click **My Site**, then click **Wards**.
2. Select the name of the ward from the list.
3. Type the two full patient identity traits (the last name, first name, or SSN) in the **Refine patient results** field.
4. The results will open in the right-hand side of the application window.

3.1.2.3.1. Filter

Filter the list of results from a **My Site/Wards** search by typing a portion of the name of the ward in the **Filter wards** field. The results will populate as you type.

Figure 3-4 My Site/Wards Search Results with Filter

Patient Name	SSN	Date of Birth	Gender	Bed/Room
ZZZRETIREDONEEIGHT,PATIENT	***-**-5333	04/07/1935 (79y)	Male	3E-100-3

3.1.3. All Patients Search

The All Patients search feature is used to run a patient search across the enterprise, including all Vista systems and external systems, such as DoD, and the Nationwide Health Information Network (NWHIN). This search allows the user to enter the following patient attributes: last name (required), first name, birthdate, and SSN.

To run an **All Patients Patient search**:

1. Click the **All Patients** button.
2. Type the patient's last name in the **Last Name (required)** field.
3. Enter the appropriate information of at least one other (**First Name**, **DOB**, or **SSN**) field.
4. Click the **Search** button.
5. The search results will populate below the search bar.

Figure 3-5 All Patients Search

Depending on the search results, the request may result in no patient found, 1 to 10 matching results found, or more than 10 records found (which returns a message in place of the records).

DRAFT

3.2. Selecting a Patient

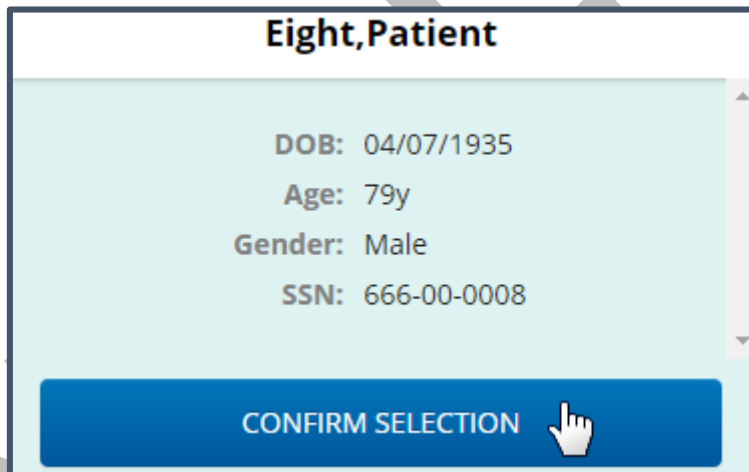
Once the correct patient has been found, select that patient's name from the search results list. If the patient's record is not restricted, you will be allowed to view the patient's record after you confirm the selection (as demonstrated in section 3.2.1). If the patient's record is restricted, you will receive a restricted record warning prior to being allowed to view the record, whereby you acknowledge you are viewing a restricted record (as demonstrated in section 3.2.2).

3.2.1. Accessing an Unrestricted Patient Record

To access an unrestricted patient record:

1. Click the name of the patient in the search results list.
2. The **Patient Detail Dialog** appears.
3. Click the **CONFIRM SELECTION** button.
4. The patient's **Coversheet** view appears.

Figure 3-6 Patient Detail Dialog



Eight, Patient

DOB: 04/07/1935
Age: 79y
Gender: Male
SSN: 666-00-0008

CONFIRM SELECTION

3.2.2. Accessing a Restricted Patient Record

There are patients within the system who have restricted records. When a patient with a restricted record is selected from a list of search results, a restricted record notice appears before the **Patient Detail Dialog**, as shown in Figure 3-7.

Figure 3-7 Restricted Record Dialog

Zzzretfiveeightyfive, Patient

RESTRICTED RECORD

This record is protected by the Privacy Act of 1974 and the Health Insurance Portability and Accountability Act of 1996. If you elect to proceed, you will be required to prove you have a need to know. Accessing this patient is tracked, and your station Security Officer will contact you for your justification.

ACKNOWLEDGE RESTRICTED RECORD

The notice that appears in the dialog makes the user aware that the patient's record is restricted, and advises that if the user proceeds to "break the glass" and open the record, their activity is tracked. In addition, the user's Station Security Officer will contact them for their justification in accessing the restricted patient record.

To access a restricted patient record:

1. Click the name of the patient in the search results list.
2. The **Restricted Record Dialog** appears.
3. Read the notice the dialog provides.
4. Click the **ACKNOWLEDGE RESTRICTED RECORD** button.
5. The **Restricted Record Patient Detail Dialog** appears, displaying the user's acknowledgement of the restricted record.
6. Click the **CONFIRM SELECTION** button.
7. The patient's **Coversheet** view appears.

Figure 3-8 Restricted Record Patient Detail Dialog

Zzzretfiveeightyfive, Patient

RESTRICTED RECORD **ACKNOWLEDGED** ✓

DOB: 04/07/1935
Age: 79y
Gender: Male
SSN: 666-88-6886

CONFIRM SELECTION

4. The eHMP Coversheet

Once the user confirms the selection of a patient, the **Coversheet** opens. The **Coversheet**, shown in Figure 4-1, is the main eHMP application screen. It is comprised of nine applets that contain various types of patient information.

The eHMP header displays the logged in user, allows a search for another patient, shows the date range of patient information currently displayed, lists additional view options, and provides a search field to locate information within the patient's record. The eHMP header also presents demographics about the currently-displayed patient.

4.1. Elements of the Coversheet

The following elements make up the **Coversheet**:

- Patient search button
- User Information
- eHMP Header
- Viewing MM/DD/YYYY to MM/DD/YYYY date range button
- Coversheet/Timeline/Meds Review/Documents views navigation buttons
- Search Record field
- Coversheet Refresh button and Status Bar

Figure 4-1 The eHMP Coversheet

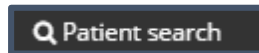
The screenshot displays the eHMP Coversheet interface for a patient named 'Eight, Patient' (DOB: 04/07/1935, SSN: ***-**-0008, Gender: Male). The interface is organized into a grid of nine applets. The top header includes a patient search bar, user information (USER: PANORAMA), and a date range selector (05/30/2013 to 05/30/2015). The main content area is divided into three columns. The left column contains 'ACTIVE PROBLEMS', 'APPOINTMENTS & VISITS', and 'IMMUNIZATIONS'. The middle column contains 'VITALS', 'ACTIVE MEDICATIONS', and 'LAB RESULTS'. The right column contains 'ALLERGIES', 'ORDERS', and 'COMMUNITY HEALTH SUMMARIES'. Each applet displays a list of patient data. The 'ACTIVE PROBLEMS' applet shows conditions like Diabetes Mellitus Type II and Chronic Systolic Heart failure. The 'APPOINTMENTS & VISITS' applet shows a list of encounters with dates and locations. The 'IMMUNIZATIONS' applet shows vaccine records for Tdap, Anthrax, Hep B, and Dengue Fever. The 'VITALS' applet shows blood pressure, heart rate, weight, and BMI. The 'ACTIVE MEDICATIONS' applet shows a list of medications and their dosages. The 'LAB RESULTS' applet shows a list of lab tests and their results. The 'ALLERGIES' applet shows a list of allergies and their reactions. The 'ORDERS' applet shows a list of orders and their status. The 'COMMUNITY HEALTH SUMMARIES' applet shows a list of community health summaries and their dates.

Applet	Content
ACTIVE PROBLEMS	Diabetes Mellitus Type II or unspecified (Chronic), Chronic Systolic Heart failure (Chronic), Acute myocardial infarction, unspecified site, episode of care unspecified (Unknown)
APPOINTMENTS & VISITS	01/10/2014 - 17:08 DoD Encounter Family Practice Clinic DOD, 01/10/2014 - 12:08 DoD Appointment Family Practice Clinic DOD, 01/09/2014 - 20:02 DoD Encounter Family Practice Clinic DOD, 01/09/2014 - 15:00 DoD Appointment Family Practice Clinic DOD
IMMUNIZATIONS	Tdap (01/13/2014, DOD), Anthrax (01/09/2014, DOD), Hep B - Adult (01/09/2014, DOD), Dengue Fever (01/09/2014, DOD)
VITALS	BP 110/40 mmHg (01/10/2014), P 40 /min (01/10/2014), R 40 /min (01/10/2014), T 98 F (01/10/2014), WT 135 lb (01/10/2014), BMI 23.9 (01/10/2014), PO2 No Record, PN No Record
ACTIVE MEDICATIONS	Galapentin 50mg/mL (Neurontin), Solution, Oral, 5mL (Active) DOD, TEASPOONFUL, GLYCOPYRROLATE, 0.2 MG/ML, VIAL, INJECTION (Active) USE IN CLINIC DOD, GUAFENESIN, 100 MG/5ML, SYRUP, ORAL (Active) USE AS DOD
LAB RESULTS	No Records Found
ALLERGIES	CHOCOLATE, CHOCOLATE, PENICILLIN, PENICILLIN, MILK, Penicillins, Tetracyclines, Iodine Containing Agents
ORDERS	No Records Found
COMMUNITY HEALTH SUMMARIES	06/17/2014 Kaiser Permanente Georgia - REGNGAM, 06/17/2014 Kaiser Permanente Mid-Atlantic STSTMA2, 06/16/2014 Kaiser Permanente Mid-Atlantic STSTMA2, 06/17/2014 Kaiser Permanente Northern California - WITS 2, 06/17/2014 Kaiser Permanente Colorado Testine

4.1.1. Patient Search Button

The **Patient search** icon, seen in Figure 4-2, is located in the top left corner of the coversheet. It provides navigation back to the **Patient Selection** screen so that another patient search can be conducted. To cancel the new search and return to the previous patient data, click the **X** in the upper right-hand corner.

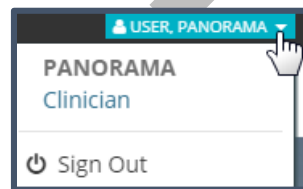
Figure 4-2 Patient Search Icon



4.1.2. User Information Dropdown

The user currently logged into CPRS/eHMP is displayed in the upper right-hand corner of the eHMP application. As depicted in Figure 4-3, clicking on the user's name results in the display of a dropdown menu with the **Sign Out** option.

Figure 4-3 Currently Logged In User



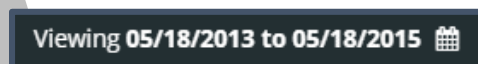
4.1.3. The eHMP Header

The eHMP header displays basic patient information, postings, and care team information.

4.1.4. Viewing MM/DD/YYYY to MM/DD/YYYY Date Range Button

As shown in Figure 4-4, the **Viewing MM/DD/YYYY to MM/DD/YYYY** button displays the date range of patient information that is displayed in the patient record, and allows for the user to change the date range. The default display is 18 months in the past, and 6 months into the future from the current date.

Figure 4-4 Viewing MM/DD/YYYY to MM/DD/YYYY Date Range Button



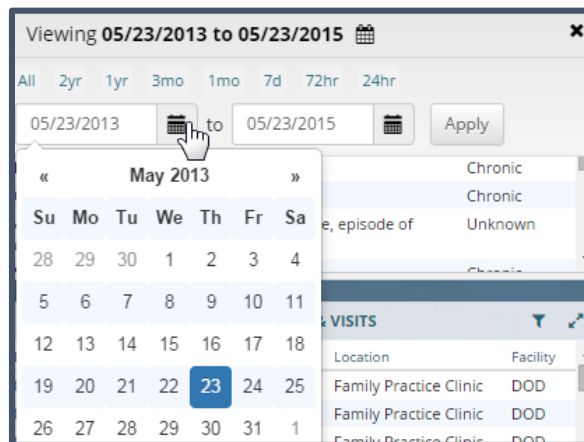
To change the date range of patient information:

1. Click the **Viewing MM/DD/YYYY to MM/DD/YYYY** button. Date range options and calendar fields appear on a dropdown list.
2. Select one of the preset date ranges.

OR

3. Use the calendar dropdowns to choose a custom date range, and then click **Apply** to change the date range of the patient information displayed.

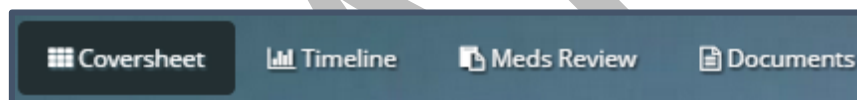
Figure 4-5 Date Range Selection Dropdown



4.1.5. View Navigation Buttons

While the **Coversheet** is the default patient information view, there are other ways to view detailed portions of a patient record. The buttons used to navigate to additional views are shown in Figure 4-6.

Figure 4-6 Additional View Buttons



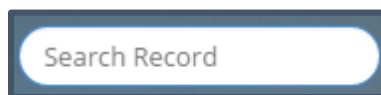
Additional views include:

- **Timeline** view displays patient information and clinical activity on a timeline.
- **Meds Review** view presents information about immunizations and medications, and the dates prescribed and administered.
- **Documents** view lists notes, images, summaries, and directives.

4.1.6. Search Record Field

The **Search Record** field allows the user to search within a selected patient's record for specific information.

Figure 4-7 Search Record Field



To search the selected patient's record:

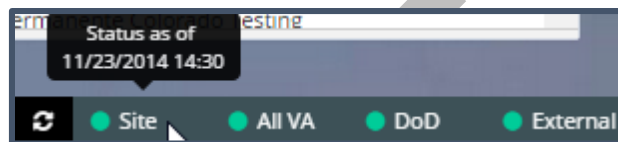
1. Type the medication, document, immunization or other specific item in the **Search Record** field.
2. A list of suggested terms will drop down from the field as you type.
3. Click a suggested term or press **Enter** to run the search.
4. The results will be presented in a new view in list format.

4.1.7. Coversheet Refresh and Status Bar

Figure 4-8 shows the **Refresh** button and **Status Bar** that appears in the bottom right-hand corner of the eHMP application. The **Refresh** button provides the opportunity to refresh the selected patient's data for the most up-to-date information. The status of each repository that contributes to the aggregated data displayed in eHMP is listed. The repositories that are used to aggregate data are:

- Site: The current site
- All VA: All VA sites
- DoD: Department of Defense sites
- External: Community Health Partners of the VA

Figure 4-8 Coversheet Refresh and Status Bar



5. The eHMP Header

More detailed patient information can be gleaned from the header by exploring its components.

5.1. Patient Information

The selected patient is listed on the header, in the upper left-hand corner. By default, the **patient's name**, **DOB**, **age**, **SSN** (last four digits, unmasked), and **Gender** are displayed. In order to see expanded information, click the dropdown arrow as shown in Figure 5-1 to open the **Patient Information** dialog. Click the arrow again to close the dialog.

Figure 5-1 Patient Information Dialog

The screenshot shows a 'Patient search' header with a dropdown arrow. Below the header, the 'Patient Information' dialog is open, displaying a table of patient details.

Patient Information		
Home Address Any Street Any Town, WV 99998-0071	SSN 666-00-0008	Next of Kin VETERAN,BROTHER
Home Phone (222)555-8235	Veteran Yes	Next of Kin Phone
Cell Phone	Service Connected Yes	Date of Death
Work Phone (222)555-7720	Sevice Connected Conditions	Other Insurance
Marital Status Married	Emergency Contact	Co-Pay

5.2. Postings

The **Postings** section of the header presents a shortcut to the following information:

- **C**risis notes – housed in the Documents view.
- **W**arnings – generated from various applets and views.
- **A**llergies and Adverse Drug Reactions – housed in the Allergies applet on the Coversheet.
- **D**irectives – housed in the Documents view.
- **P**atient Record **F**lags – generated from various applets and views.

The **Postings** area of the eHMP header is depicted in Figure 5-2.

Figure 5-2 Postings



The red letters in the **Postings** area indicate that expanded information can be accessed. Clicking on a red letter drops down a dialog with detailed information, as shown in Figure 5-3. Clicking on the red letter again closes the dialog.

Figure 5-3 Expanded Postings Information

POSTINGS		CARE TEAM INFORMATION	
C	W	A	D
Crisis Notes		Primary Care Team: unassigned Attending Provider: unassigned	
Crisis Note 05/21/2000			
Local Title	CRISIS NOTE	Standard Title	
Date of Note	05/21/2000 12:05	Entry Date	05/21/2000 12:05
Author	VEHU TWENTYONE	Exp. Cosigner	
Urgency		Status	Completed
Patient is armed and dangerous			
Crisis Note 05/21/2000			
Local Title	CRISIS NOTE	Standard Title	
Date of Note	05/21/2000 12:05	Entry Date	05/21/2000 12:05
Author	VEHU TWENTYONE	Exp. Cosigner	
Urgency		Status	Completed
Patient is armed and dangerous			
Crisis Note 05/21/2000			
Local Title	CRISIS NOTE	Standard Title	
Date of Note	05/21/2000 11:05	Entry Date	05/21/2000 11:05
Author	VEHU TWENTYONE	Exp. Cosigner	
Urgency		Status	Completed

5.3. Care Team Information

Abbreviated **Care Team Information** for the selected patient can be seen on the header. Clicking the arrow drops down a dialog that offers more detailed information, as shown in Figure 5-4. Clicking the arrow again closes the dialog.

Figure 5-4 Care Team Dialog

CARE TEAM INFORMATION	
Primary Care Team: unassigned Attending Provider: unassigned	
Care Team Information	
Primary Care Team: unassigned Phone: not specified	
Provider	Name
Primary	unassigned
Attending	unassigned
Inpatient	unassigned

6. Coversheet Applets

The **Coversheet** displays nine applets of specific patient information, and is the initial, default view of the selected patient's record.

Most of the applets can be refreshed, filtered, maximized, and minimized (Figure 6-1) to display various levels of detail, provide different views of an applet's information, and open search capability. In addition, the applets' headings are sortable so that the display of information can be customized, whether looking at the standard or maximized applet.

Figure 6-1 eHMP Applet Buttons



6.1. Applet Buttons

6.1.1. Refresh Button

The **Refresh** button found on each applet allows users to refresh patient data for that applet. For example, after entering a new active problem for a patient in CPRS, access eHMP again. Click the refresh button for the Active Problems applet. The new information will be displayed in the applet.

6.1.2. Show Filter Button

The **Show Filter** button allows users to filter data for a particular applet. Click the **Show Filter** icon to filter the data by typing key terms in the **Enter your text filter** field. Click the **Remove Filter** icon to remove the filter field.

6.1.3. Maximize Applet Button

The **Maximize Applet** button allows users to expand the applet. The expanded view provides more detail for the applet. Click the double arrow in the upper right-hand corner of the applet to maximize it.

6.1.4. Minimize Applet Button

When viewing an applet in an expanded view, click the **Minimize** button to return to the Coversheet.

6.2. Active Problems

The **Active Problems** applet displays a list of conditions that has been compiled by the providers.

6.2.1. Active Problems: Standard View

The standard view of an applet is the default view, as it appears on the Coversheet. Figure 6-2 shows the standard applet that lists the **Description** and the **Acuity** of the patient's condition.

Figure 6-2 Standard View of Active Problems Applet



A screenshot of the 'ACTIVE PROBLEMS' applet in its standard view. It features a table with two columns: 'Description' and 'Acuity'. The table lists three conditions: 'Diabetes Mellitus Type II or unspecified' (Chronic), 'Chronic Systolic Heart failure' (Chronic), and 'Acute myocardial infarction, unspecified site, episode of care unspecified' (Unknown). There is a search icon in the top right corner.

Description	Acuity
Diabetes Mellitus Type II or unspecified	Chronic
Chronic Systolic Heart failure	Chronic
Acute myocardial infarction, unspecified site, episode of care unspecified	Unknown

6.2.2. Active Problems: Expanded View

The expanded view of an applet presents more detailed information than is presented on the Coversheet by default. The expanded view of the **Active Problems** applet (Figure 6-3) displays the following information in sortable columns:

- Description
- Standardized Description
- Acuity
- Onset Date
- Last Updated
- Provider
- Facility

Figure 6-3 Expanded View of Active Problems Applet



A screenshot of the 'ACTIVE PROBLEMS' applet in its expanded view. The interface includes a top navigation bar with 'Coversheet', 'Timeline', 'Meds Review', and 'Documents' tabs, along with a 'Search Record' field. The main table has seven columns: 'Description', 'Standardized Description', 'Acuity', 'Onset Date', 'Last Updated', 'Provider', and 'Facility'. It lists seven conditions with their respective details.

Description	Standardized Description	Acuity	Onset Date	Last Updated	Provider	Facility
Diabetes Mellitus Type II or unspecified		Chronic	05/02/1998	03/30/2004	Vehu,Eight	TST1
Chronic Systolic Heart failure	Chronic systolic heart failure (disorder)	Chronic	03/09/2004	03/09/2004	Labtech,Special	TST1
Acute myocardial infarction, unspecified site, episode of care unspecified		Unknown	03/17/2005	03/17/2005	Vehu,Eight	TST1
Hypertension	Essential hypertension (disorder)	Chronic	04/07/2005	04/10/2007	Vehu,Onehundred	TST1
Hyperlipidemia		Chronic	04/07/2005	04/10/2007	Vehu,Onehundred	TST1
Occasional, uncontrolled chest pain	Impending infarction (disorder)	Acute	03/15/1996	05/14/1996	Programmer,Twenty	NJS
Diabetes Mellitus Type II or unspecified		Chronic	05/02/1998	03/30/2004	Vehu,Eight	TST2
Chronic Systolic Heart failure	Chronic systolic heart failure (disorder)	Chronic	03/09/2004	03/09/2004	Labtech,Special	TST2

To display the details of a patient's condition from a standard or expanded applet:

1. Click a condition from the list to display the **Active Problems Detail Dialog** box.
2. Click the **Next** and **Previous** buttons to navigate between active problems.
3. Click **Close**, the **X** in the upper right-hand corner, or anywhere outside of the detail dialog box to return to the applet.

Figure 6-4 Active Problems Detail Dialog

Chronic Systolic Heart failure (ICD-9-CM 428.22)

Previous
Next

Primary ICD-9-CM: 428.22
SNOMED CT: 441481004

Onset: 03/09/2004
Acuity: Chronic
Provider: Labtech,Special
Facility: CAMP MASTER
Location: General Medicine

Entered: 03/09/2004
Updated: 03/09/2004

Comments:

Close

6.3. Appointments and Visits

The **Appointments and Visits** applet lists the encounters for a selected patient at VA and DoD facilities.

6.3.1. Appointment and Visits: Standard View

Figure 6-5 shows the standard applet that lists the date of the visit, a description of the encounter, the location at which the patient was seen, and the facility.

Figure 6-5 Standard Appointments and Visits Applet

APPOINTMENTS & VISITS			
Date	Description	Location	Facility
05/10/2013 - 08:00	VA Visit	GENERAL MEDICINE	TST2
08/12/2010 - 08:00	VA Visit	GENERAL MEDICINE	TST2
08/12/2010 - 08:00	VA Visit	GENERAL MEDICINE	TST2
08/11/2010 - 08:00	VA Visit	GENERAL MEDICINE	TST2
08/11/2010 - 08:00	VA Visit	GENERAL MEDICINE	TST2
08/10/2010 - 08:00	VA Visit	GENERAL MEDICINE	TST2

6.3.2. Appointments and Visits: Expanded View

Figure 6-6 depicts the expanded view of the **Appointments and Visits** applet. The following information is displayed in sortable columns:

- Date
- Description
- Location
- Type
- Provider
- Reason
- Facility

Figure 6-6 Expanded Appointments and Visits Applet



The screenshot shows the 'APPOINTMENTS & VISITS' applet interface. At the top, there are filters for time range (2yr, 1yr, 3mo, 1mo, 7d, 72hr, 24hr) and a date range selector. Below this is a search bar labeled 'Enter your text filter'. A 'Source' dropdown menu is set to 'All VA'. The main table displays appointment data with columns: Date, Description, Location, Type, Provider, Reason, and Facility. The table contains six rows of data, all from 'GENERAL MEDICINE' at 'TST1' and 'TST2' facilities.

Date	Description	Location	Type	Provider	Reason	Facility
05/10/2013 - 08:00	VA Visit	GENERAL MEDICINE	Regular			TST1
05/10/2013 - 08:00	VA Visit	GENERAL MEDICINE	Regular			TST2
08/12/2010 - 08:00	VA Visit	GENERAL MEDICINE	Regular			TST1
08/12/2010 - 08:00	VA Visit	GENERAL MEDICINE	Regular			TST2
08/12/2010 - 08:00	VA Visit	GENERAL MEDICINE	General Medicine Visit			TST1
08/12/2010 - 08:00	VA Visit	GENERAL MEDICINE	General Medicine Visit			TST2

The default view contains only local VistA data, but users can change the **Source** to see more results. The **Source** filtering labels include: Local VA, All VA, and All VA + DoD.

To filter by source:

1. Click the **Source** dropdown button to view a list of data filtering labels.
2. Select the desired source.
3. The appointment and visit data will be filtered according to the selected source.

To display the details of an encounter from the standard or expanded applet:

1. Click an appointment or visit from the list to display the **Encounter Detail Dialog** box as shown in Figure 6-7.
2. Click the **Next** and **Previous** buttons to navigate between appointments and visits.
3. Click the **Close** button, the **X** button in the upper right-hand corner, or anywhere outside of the detail dialog box to return to the applet.

Figure 6-7 Encounter Detail Dialog

VA Visit

↑ Previous ↓ Next ×

Date: 05/25/2005 - 08:00
Type: Regular
Description: Outpatient Visit
Patient Class: Ambulatory
Location: GENERAL MEDICINE
Stop Code: GENERAL INTERNAL MEDICINE
Provider:
Facility: TST2

Reason:

Close

6.4. Immunizations

The **Immunizations** applet presents a list of vaccines for a given patient from all sources.

6.4.1. Immunizations: Standard View

Figure 6-8 shows the standard applet that lists the vaccine name, reaction (if any), date administered, and facility.

Figure 6-8 Standard Immunizations Applet

Vaccine Name	Reaction	Date	Facility
Tdap		01/13/2014	DOD
Anthrax		01/09/2014	DOD
Hep B - Adult		01/09/2014	DOD
Dengue Fever		01/09/2014	DOD

6.4.2. Immunizations: Expanded View

The expanded view of **Immunizations** as shown in Figure 6-9 displays the following information in sortable columns:

- Vaccine Name
- Standardized Name
- Reaction
- Series
- Repeat Contraindicated
- Date
- Facility

Figure 6-9 Expanded Immunizations Applet

IMMUNIZATIONS						
Vaccine Name	Standardized Name	Reaction	Series	Repeat Contraindicated	Date	Facility
Tdap	tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine, adsorbed		0	No	01/13/2014	DOD
Anthrax	anthrax vaccine		2	No	01/09/2014	DOD
Hep B - Adult	hepatitis B vaccine, adult dosage		3	No	01/09/2014	DOD
Dengue Fever			0	No	01/09/2014	DOD
DTaP	diphtheria, tetanus toxoids and acellular pertussis vaccine		2	No	12/05/2013	DOD

To display the details of an **Immunization** from the standard or expanded applet:

1. Click an **Immunization** in the list to display the **Vaccine Detail Dialog** box as shown in Figure 6-10.
2. Select either one of the preset date ranges,
OR
3. Use the calendar dropdowns to choose a custom date range. Click **Apply** to change the date range of the vaccine displayed.
4. Click the **Next** and **Previous** buttons to navigate between immunizations.
5. Click the **Close** button, the **X** in the upper right-hand corner, or anywhere outside of the detail dialog box to return to the applet.

Figure 6-10 Vaccine Detail Dialog

Vaccine - Tdap

Previous

Next

Name	Reaction	Series	Repeat Contraindicated	Date	Facility	Site
Tdap		0	No	01/13/2014	DOD	DOD

Viewing 05/30/2013 to 05/30/2015

All

2yr

1yr

3mo

1mo

7d

72hr

24hr

05/30/2013

to

05/30/2015

Apply

TDAP

Immunizations: 1

Date	Summary	Reaction	Series	Repeat Contraindicated	Facility
01/13/2014	Tdap		0	No	DOD

Comment:

Close

6.5. Vitals

The **Vitals** applet displays the patient's most recently recorded vitals. The information can be viewed both numerically and in graph form.

6.5.1. Vitals: Standard View

Figure 6-11 shows the standard applet that lists the patient's blood pressure (BP), pulse (P), respiration (R), temperature (T), pulse oximetry (PO2), pain (PN), weight (WT), and body mass index (BMI).

Figure 6-11 Standard Vitals Applet

VITALS

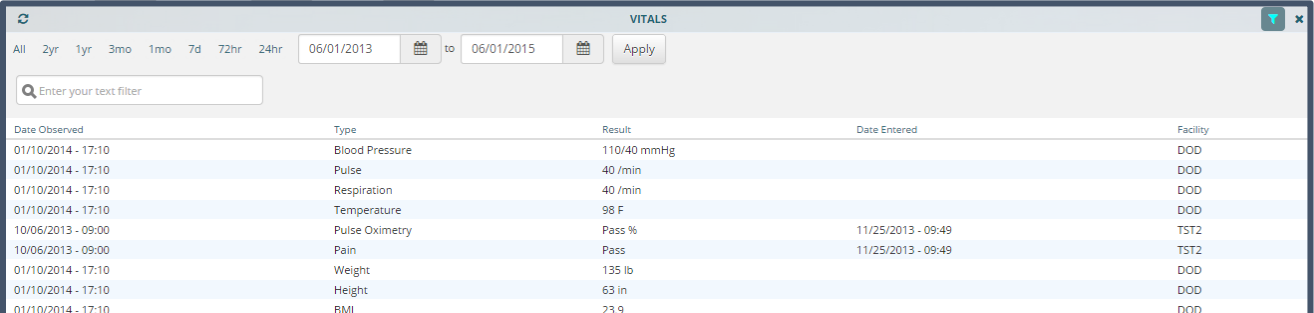
BP	110/40 mmHg	01/10/2014	PO2	No Record	
P	40 /min	01/10/2014	PN	No Record	
R	40 /min	01/10/2014	WT	135 lb	01/10/2014
T	98 F	01/10/2014	BMI	23.9	01/10/2014

6.5.2. Vitals: Expanded View

The expanded view of the **Vitals** applet shown in Figure 6-12 displays the following information in sortable columns:

- Date Observed
- Type
- Result
- Date Entered
- Facility

Figure 6-12 Expanded Vitals Applet

A screenshot of the 'VITALS' applet in its expanded view. The top section includes a filter bar with a search input 'Enter your text filter', a date range selector from '06/01/2013' to '06/01/2015', and an 'Apply' button. Below this is a table with five columns: Date Observed, Type, Result, Date Entered, and Facility. The table contains ten rows of data for various vitals.

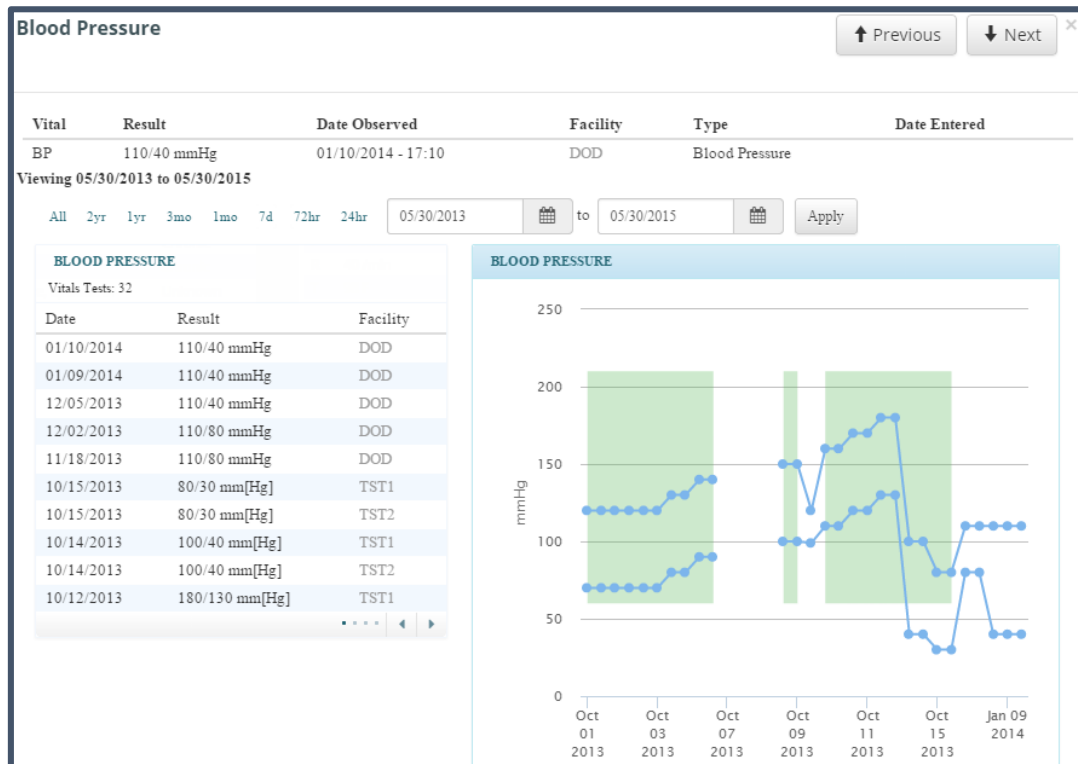
Date Observed	Type	Result	Date Entered	Facility
01/10/2014 - 17:10	Blood Pressure	110/40 mmHg		DOD
01/10/2014 - 17:10	Pulse	40 /min		DOD
01/10/2014 - 17:10	Respiration	40 /min		DOD
01/10/2014 - 17:10	Temperature	98 F		DOD
10/06/2013 - 09:00	Pulse Oximetry	Pass %	11/25/2013 - 09:49	TST2
10/06/2013 - 09:00	Pain	Pass	11/25/2013 - 09:49	TST2
01/10/2014 - 17:10	Weight	135 lb		DOD
01/10/2014 - 17:10	Height	63 in		DOD
01/10/2014 - 17:10	BMI	23.9		DOD

To display a detailed view of vitals from the standard or expanded applet:

1. Click a vital, i.e., BP. The **Vitals Detail Dialog** box (Figure 6-13) will open.
2. A historical, detailed view of that vital is presented in list view and graph view. The green area on the graph depicts the reference range for that vital.
3. Click the **Next** and **Previous** buttons to view details for a different vital.

- Click the **Close** button, the **X** in the upper right-hand corner, or anywhere outside of the detail dialog box to return to the applet.

Figure 6-13 Vitals Detail Dialog



6.6. Active Medications

The **Active Medications** applet provides users with a view of inpatient and/or outpatient medications, depending on the status of the patient. If s/he is an inpatient, only the inpatient medications will display. If s/he is an outpatient, only the outpatient medications will display.

Unlike the other applets, there is no expanded view of **Active Medications**. Detailed information can be found in **Meds Review** view. Figure 6-14 shows the standard applet that lists the medication and facility.

Figure 6-14 Standard Active Medications Applet

The screenshot shows a 'Standard Active Medications Applet' with a title bar 'ACTIVE MEDICATIONS'. It contains a table with two columns: 'Medication' and 'Facility'. The table lists three medications: 'Gabapentin 50mg/mL, (Neurontin), Solution, Oral, 5mL (Active)' at 'DOD', 'TEASPOONFUL'; 'GLYCOPYRROLATE, 0.2 MG/ML, VIAL, INJECTION (Active) USE IN CLINIC' at 'DOD'; and 'GUAIFENESIN, 100 MG/5ML, SYRUP, ORAL (Active) USE AS DIRECTED' at 'DOD'. There is a scroll bar on the right side of the table.

Medication	Facility
Gabapentin 50mg/mL, (Neurontin), Solution, Oral, 5mL (Active) TEASPOONFUL	DOD
GLYCOPYRROLATE, 0.2 MG/ML, VIAL, INJECTION (Active) USE IN CLINIC	DOD
GUAIFENESIN, 100 MG/5ML, SYRUP, ORAL (Active) USE AS DIRECTED	DOD

To display a detailed view of an active medication from the standard applet:

1. Click a medication name to open the **Active Medications Detail Dialog** box (Figure 6-15). All available orders for the medication will be displayed on tabs to the left under **Order Hx**.
2. Click on a date tab to view detailed medication information.
3. Click the **Close** button, **X** in the upper right-hand corner, or anywhere outside of the detail dialog box to return to the **Coversheet**.

Figure 6-15 Active Medications Detail Dialog

Medication - haloperidol, 5 mg, tablet, oral

Order Hx

10/25/2013 - 11/24/2013

10/25/2013 - 11/24/2013

Links

Clinical Pharmacology

MDCConsult

UpToDate

Haloperidol, 2 Mg, Tablet, Oral Active

FOR

Prescription No.	Supply	Dose/Schedule
	1 for 30 days (0 of remaining)	

Provider	Pharmacist	Location	Facility
AHLTADTE, ATTEND B			DOD

Fill History

Date	Quantity
10/25/2013	1 dispensed

Close

In addition to the detailed information for the selected patient, **Links** provide access to external information and resources. This information is found on the left-hand side of the **Active Medications Detail Dialog**, under **Links**, as shown in Figure 6-15.

To use a resource link in the **Links** section of the **Active Medications Detail Dialog** box:

1. Click one of the resources under **Links** to launch the external resource.
2. The external resource will be displayed in a new browser tab.
3. Click the **X** on the external resource's browser tab to close it, or click the browser tab labeled **VA eHMP** to return to the eHMP application without closing the external resource tab.

6.7. Lab Results

The **Lab Results** applet lists the patient's most recently recorded laboratory results.

6.7.1. Lab Results: Standard View

Figure 6-16 shows the standard applet that lists the date, lab test, flag, and result for the patient's lab results.

Figure 6-16 Standard Lab Results Applet

LAB RESULTS			
Date	Lab Test	Flag	Result
05/07/2013 10:43	Sodium, Blood Quantitative - PLASMA		139 mmol/L
05/05/2013 14:10	Chloride, Serum or Plasma Quantitative - PLASMA		101 mmol/L
05/05/2013 14:10	Potassium, Serum or Plasma		5.4 mmol/L

6.7.2. Lab Results: Expanded View

The expanded view of the **Lab Results** applet (Figure 6-17) displays the following information in sortable columns:

- Date
- Lab Test
- Flag
- Result
- Unit
- Ref Range
- Facility

The Panel icon indicates a panel of tests were run.

The **H**, **H+**, **L**, and **L+** icons indicate abnormal (orange) and critical (red) highs and lows.

Figure 6-17 Expanded Lab Results Applet with Flags and Panels

06/01/2006 23:56	 COAG PROFILE BLOOD PLASMA WC LB #2988					TST2
06/01/2006 01:57	HEMOGLOBIN A1C - BLOOD		6.1	%	3.5-6	TST1
06/01/2006 01:57	HEMOGLOBIN A1C - BLOOD		6.1	%	3.5-6	TST2
07/07/2005 10:32	GLUCOSE - SERUM		350	mg/dL	60-110	TST1
07/07/2005 10:32	GLUCOSE - SERUM		350	mg/dL	60-110	TST2
03/17/2005 02:14	HEMOGLOBIN A1C - SERUM		8.2			TST1
03/17/2005 02:14	HEMOGLOBIN A1C - SERUM		8.2			TST2
03/17/2005 02:14	 PROTIME BLOOD PLASMA SP LB #2682					TST1
03/17/2005 02:14	 PROTIME BLOOD PLASMA SP LB #2682					TST2
03/17/2005 01:59	 CHEM 7 BLOOD SERUM SP LB #2681					TST1
03/17/2005 01:59	 CHEM 7 BLOOD SERUM SP LB #2681					TST2
03/28/2004 22:50	 CHEM 7 BLOOD SERUM I LB #2540					TST1
03/28/2004 22:50	 CHEM 7 BLOOD SERUM I LB #2540					TST2

To display a detailed view of a lab result from the standard or expanded applet:

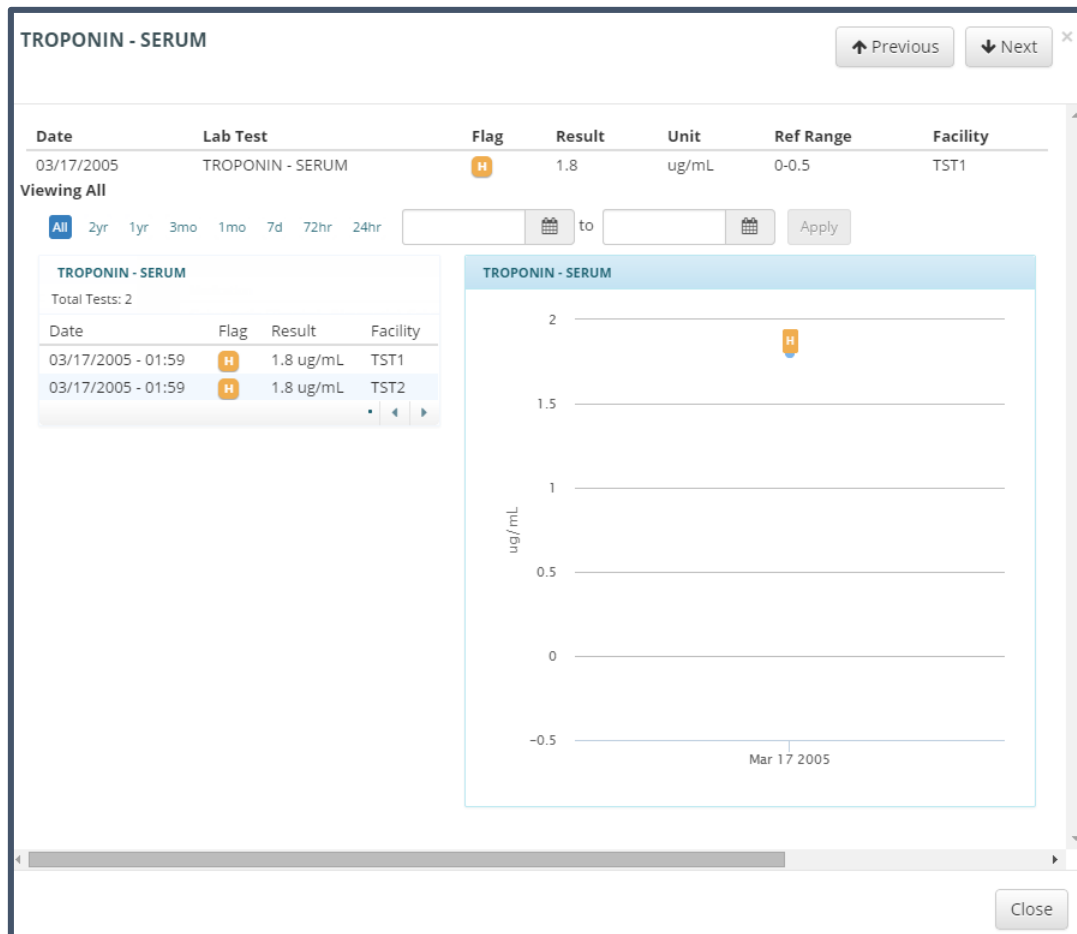
1. Click a list item to open the **Lab Results Detail Dialog** box.

Note: If the **Panel** icon (Figure 6-17) is displayed next to a list item, the **Detail Dialog** box will not open. Instead, the item will expand within the list, and the specific tests run within the panel will be displayed, along with their results.

2. The **Lab Results Detail Dialog** box displays a summary list and a historical graphical representation for the selected test/result.

3. Click the **Next** and **Previous** buttons to navigate between lab results.
4. Click the **Close** button, **X** in the upper right-hand corner, or anywhere outside of the **Lab Results Detail Dialog** box to return to the applet.

Figure 6-18 Lab Results Detail Dialog



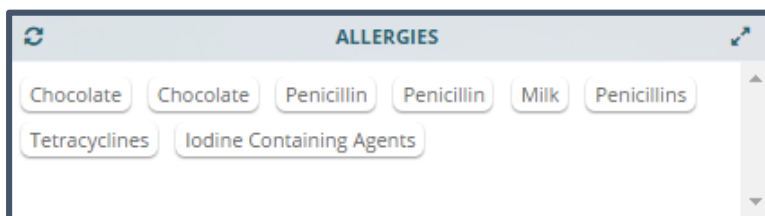
6.8. Allergies

The **Allergies** applet as shown in Figure 6-19 provides a summary view of identified patient allergies and adverse drug reactions with standardized coding references from all sources.

6.8.1. Allergies: Standard View

Top allergy information for a given patient is displayed in a “pill” format. The pills may be color-coded to indicate severity. Red indicates an acute allergy, while orange indicates a severe allergy.

Figure 6-19 Standard Allergies Applet



6.8.2. Allergies: Expanded View

The default display lists the allergies sorted first by severity, then by the date the allergy was entered into the VA system.

The expanded view of **Allergies** (Figure 6-20) displays the following information in sortable columns:

- Allergen Name
- Standardized Allergen
- Reaction
- Severity
- Drug class
- Entered By
- Facility

Figure 6-20 Expanded Allergy Applet

ALLERGIES						
Allergen Name	Standardized Allergen	Reaction	Severity	Drug Class	Entered By	Facility
CHOCOLATE	Chocolate	DIARRHEA			PROVIDER,ONE	TST1
CHOCOLATE	Chocolate	DIARRHEA			PROVIDER,ONE	TST2
PENICILLIN		ITCHING,WATERING EYES		PENICILLINS AND BETA-LACTAM ANTIMICROBIALS	VEHU,EIGHT	TST1
PENICILLIN		ITCHING,WATERING EYES		PENICILLINS AND BETA-LACTAM ANTIMICROBIALS	VEHU,EIGHT	TST2
MILK	Skim milk	NAUSEA,VOMITING			PROGRAMMER,TWENTY	NJ5
Penicillins	Penicillin					DOD
Tetracyclines						DOD
Iodine Containing Agents						DOD

To display a detailed view of an allergy from the standard or expanded applet:

1. Click a pill in the standard applet to open the **Allergy Detail Dialog** box (Figure 6-21).
Note: Clicking on a specific allergy in the expanded applet will also open the **Allergy Detail Dialog** box.
2. Detailed information about the allergen is displayed.
3. Click the **Close** button, **X** in the upper right-hand corner, or anywhere outside of the **Allergy Detail Dialog** box to return to the applet.

Figure 6-21 Allergy Detail Dialog



The dialog box is titled "Allergen - PENICILLIN". It displays the following information:

PENICILLIN

Symptoms: ITCHING, WATERING EYES

Drug Classes: PENICILLINS AND BETA-LACTAM ANTIMICROBIALS

Originated: 03/17/2005 - 20:03

Observed/Historical: Historical

Observed Date:

Verified: <auto-verified>

Entered by: VEHUEIGHT

Site: TST1

Comments:

Close

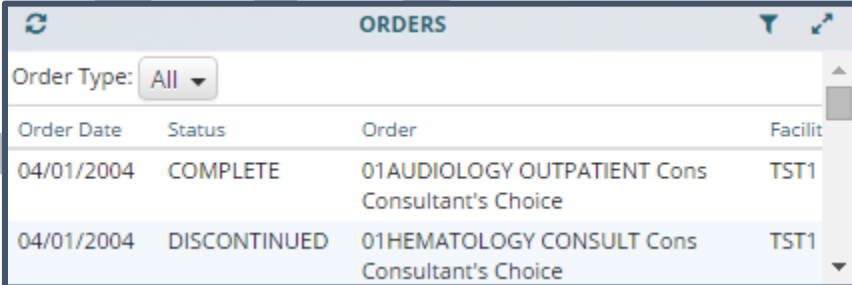
6.9. Orders

The **Orders** applet displays all orders for the selected patient submitted from all sites.

6.9.1. Orders: Standard View

Figure 6-22 shows the standard applet that lists the order date, status, order, and facility. Orders can be sorted by type using the **Order Type** dropdown box within the applet.

Figure 6-22 Standard Orders Applet



The applet shows a table of orders with the following columns: Order Date, Status, Order, and Facility. The Order Type dropdown is set to "All".

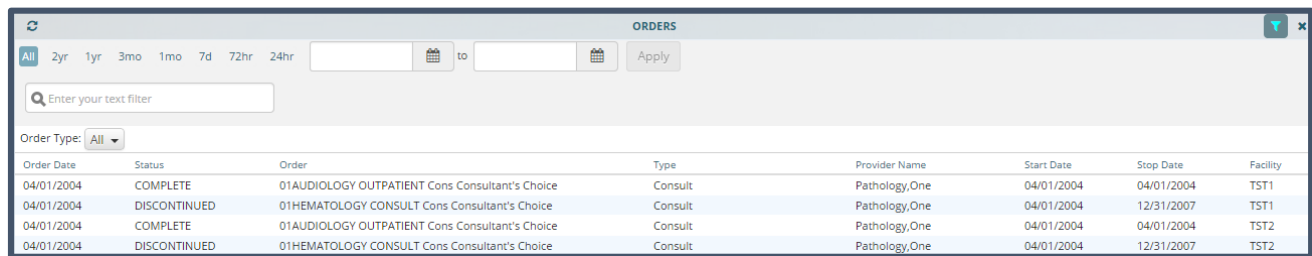
Order Date	Status	Order	Facilit
04/01/2004	COMPLETE	01AUDIOLOGY OUTPATIENT Cons Consultant's Choice	TST1
04/01/2004	DISCONTINUED	01HEMATOLOGY CONSULT Cons Consultant's Choice	TST1

6.9.2. Orders: Expanded View

Orders can be sorted by type using the **Order Type** dropdown box. The expanded view of **Orders** shown in Figure 6-23 displays the following information in sortable columns:

- Order Date
- Status
- Order
- Type
- Provider Name
- Start Date
- Stop Date
- Facility

Figure 6-23 Expanded Orders Applet



ORDERS

to

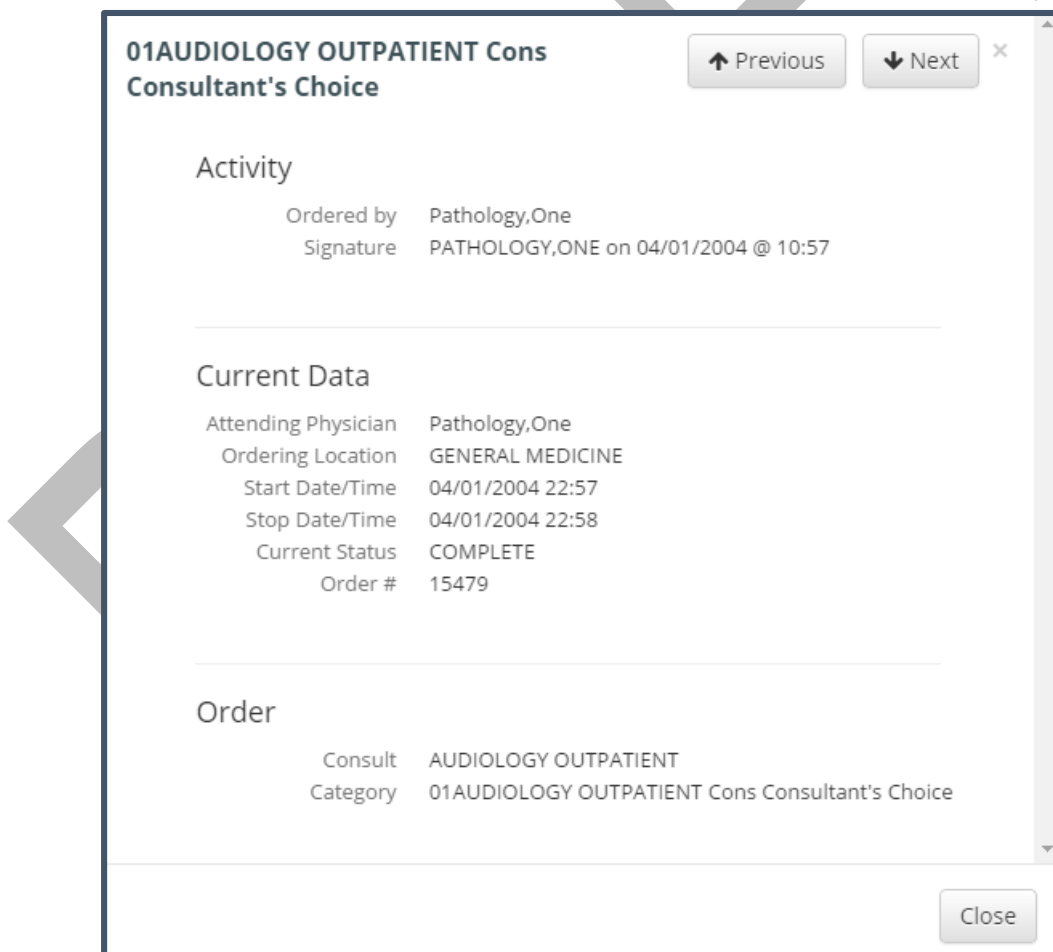
Order Type:

Order Date	Status	Order	Type	Provider Name	Start Date	Stop Date	Facility
04/01/2004	COMPLETE	01AUDIOLOGY OUTPATIENT Cons Consultant's Choice	Consult	Pathology,One	04/01/2004	04/01/2004	TST1
04/01/2004	DISCONTINUED	01HEMATOLOGY CONSULT Cons Consultant's Choice	Consult	Pathology,One	04/01/2004	12/31/2007	TST1
04/01/2004	COMPLETE	01AUDIOLOGY OUTPATIENT Cons Consultant's Choice	Consult	Pathology,One	04/01/2004	04/01/2004	TST2
04/01/2004	DISCONTINUED	01HEMATOLOGY CONSULT Cons Consultant's Choice	Consult	Pathology,One	04/01/2004	12/31/2007	TST2

To display a detailed view of an order from the standard or expanded applet:

1. Click an order from the list within the applet.
2. The **Orders Detail Dialog** box opens (Figure 6-24).
3. Click the **Next** and **Previous** buttons to navigate between orders.
4. Click the **Close** button, **X** in the upper right-hand corner, or anywhere outside of the **Orders Detail Dialog** box to return to the applet.

Figure 6-24 Orders Detail Dialog



01AUDIOLOGY OUTPATIENT Cons Consultant's Choice

Activity

Ordered by Pathology,One
 Signature PATHOLOGY,ONE on 04/01/2004 @ 10:57

Current Data

Attending Physician Pathology,One
 Ordering Location GENERAL MEDICINE
 Start Date/Time 04/01/2004 22:57
 Stop Date/Time 04/01/2004 22:58
 Current Status COMPLETE
 Order # 15479

Order

Consult AUDIOLOGY OUTPATIENT
 Category 01AUDIOLOGY OUTPATIENT Cons Consultant's Choice

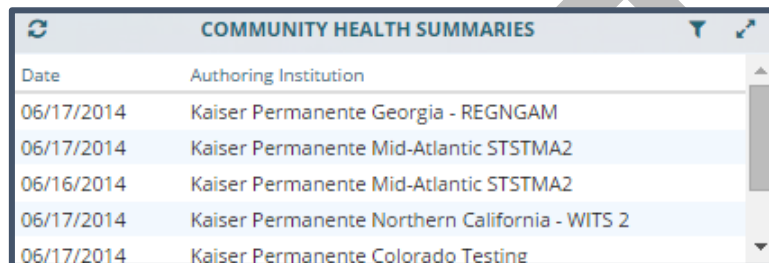
6.10. Community Health Summaries

The **Community Health Summaries** applet displays the selected patient's clinical health care summaries received from VA's external Health Information Exchange (HIE) partners who participate in the Nationwide Health Information Network (NwHIN). The applet displays inpatient and outpatient care summaries from trusted partners.

6.10.1. Community Health Summaries: Standard View

The standard applet depicted in Figure 6-25 lists the date of service and authoring institution(s) of each care summary.

Figure 6-25 Standard Community Health Summaries Applet



Date	Authoring Institution
06/17/2014	Kaiser Permanente Georgia - REGNGAM
06/17/2014	Kaiser Permanente Mid-Atlantic STSTMA2
06/16/2014	Kaiser Permanente Mid-Atlantic STSTMA2
06/17/2014	Kaiser Permanente Northern California - WITS 2
06/17/2014	Kaiser Permanente Colorado Testing

6.10.2. Community Health Summaries: Expanded View

The expanded view of the **Community Health Summaries** applet (Figure 6-26) displays the following information in sortable columns:

- Date
- Description
- Authoring Institution

Figure 6-26 Expanded Community Health Summaries Applet



Date	Description	Authoring Institution
06/17/2014 - 01:41	Error: test error	Kaiser Permanente Georgia - REGNGAM
06/17/2014 - 01:40	Continuity of Care Document	Kaiser Permanente Mid-Atlantic STSTMA2
06/16/2014 - 21:39	Summarization of episode note	Kaiser Permanente Mid-Atlantic STSTMA2
06/17/2014 - 01:41	Continuity of Care Document	Kaiser Permanente Northern California - WITS 2
06/17/2014 - 01:40	Continuity of Care Document	Kaiser Permanente Colorado Testing
06/17/2014 - 01:41	Continuity of Care Document	Kaiser Permanente Southern California - RESC
06/17/2014 - 01:40	Continuity of Care Document	Kaiser Permanente Hawaii - REGNHIM

To display the **Community Health Summaries Detail Dialog** from the standard or expanded applet:

1. Click a health summary item from the list as shown in Figure 6-26.
2. The **Community Health Summaries Detail Dialog** box opens (Figure 6-27).
3. Click the **Next** and **Previous** buttons to navigate between Community Health Summaries.
4. Click the **Close** button, **X** in the upper right-hand corner, or anywhere outside of the **Community Health Summaries Detail Dialog** box to return to the expanded applet.

Figure 6-27 Community Health Summaries Detail Dialog

Continuity of Care Document

Previous
Next

Facility: VLER
Author: Kaiser Permanente Southern California - RESC
Date/Time: 06/17/2014 - 01:41

Patient: EIGHT,PATIENT
DOB: 04/07/1935
Gender: Male
SSN: ***-**-0008

Source Comments

NOTE: The information displayed by Care Epic is extracted from the complete medical record and may not identify all current or past patient conditions. See below for further instructions regarding Mental Health and CDRP patients. Kaiser Permanente
Hill Atlantic - CUP/SW/

Active Allergies and Adverse Reactions

Allergen	Noted Date	Severity	Reactions	Comments
Calcium	07/07/2014			
Fish - Derivative	07/07/2014			

Medications

Active Prescription	Sig.	Disp.	Refills	Start Date	End Date
Atenolol 25 mg Oral Tab	1T PO DAILY	1	5	07/08/2014	07/08/2015
Albuterol 2.5 mg /3 mL (0.083 %) Inhal Neb Soln	INHALE "CONTENTS OF 1 AMPULE VIA NEBULIZER" PO 3 TO 4 TIMES DAILY PRN	75	0	07/07/2014	07/07/2015
Benzonatate 100 mg Oral Cap	2C PO Q6H PRN "FOR COUGH"	30	0	07/07/2014	07/07/2015

Expired/Suspended Prescription	Sig.	Disp.	Refills	Start Date	End Date
--------------------------------	------	-------	---------	------------	----------

Close

7. Other eHMP Functionality

7.1. Date Range Filter

Some applets will allow users to filter the data by dates. To filter by date range:

1. Select one of the preset date ranges.
- OR**
2. Use the calendar dropdowns to choose a custom date range.
 3. Click **Apply** to change the date range of the lab results.
 4. The data for the selected date range will be displayed.

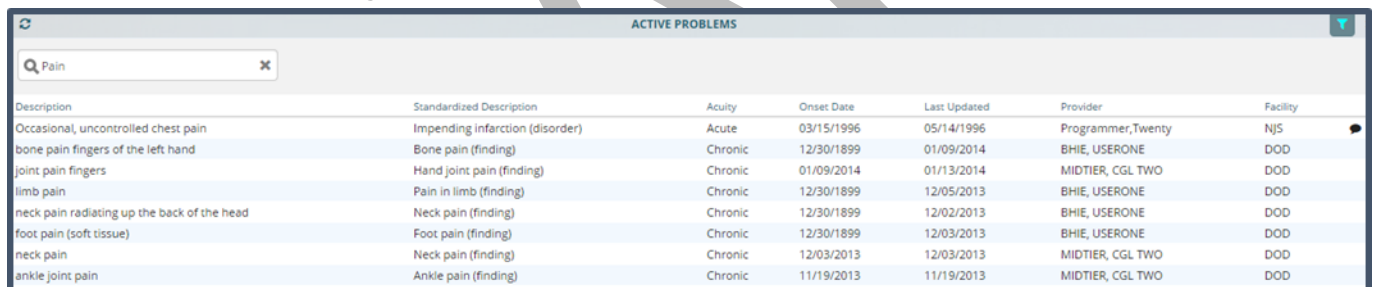
7.2. Show Filter/Remove Filter

When expanded, some applets allow filtering data by a text key word.

To filter applet data in expanded view:

1. Click the **Show Filter** icon in the upper right-hand corner. The **Enter your text filter** field opens.
2. Type the word to be used as a filter, i.e., pain.
3. The filtered information is displayed as shown in Figure 7-1.

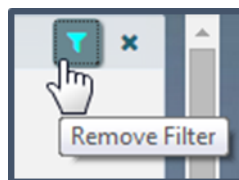
Figure 7-1 Filtered Information in Expanded Applet



Description	Standardized Description	Acuity	Onset Date	Last Updated	Provider	Facility
Occasional, uncontrolled chest pain	Impending infarction (disorder)	Acute	03/15/1996	05/14/1996	Programmer, Twenty	NJS
bone pain fingers of the left hand	Bone pain (finding)	Chronic	12/30/1899	01/09/2014	BHIE, USERONE	DOD
joint pain fingers	Hand joint pain (finding)	Chronic	01/09/2014	01/13/2014	MIDTIER, CGL TWO	DOD
limb pain	Pain in limb (finding)	Chronic	12/30/1899	12/05/2013	BHIE, USERONE	DOD
neck pain radiating up the back of the head	Neck pain (finding)	Chronic	12/30/1899	12/02/2013	BHIE, USERONE	DOD
foot pain (soft tissue)	Foot pain (finding)	Chronic	12/30/1899	12/03/2013	BHIE, USERONE	DOD
neck pain	Neck pain (finding)	Chronic	12/03/2013	12/03/2013	MIDTIER, CGL TWO	DOD
ankle joint pain	Ankle pain (finding)	Chronic	11/19/2013	11/19/2013	MIDTIER, CGL TWO	DOD

To remove the filter and return to all information in the expanded view, click the **Remove Filter** icon as shown in Figure 7-2.

Figure 7-2 Remove Filter Icon



7.3. Zoom Feature

Some applets provide users with a graph view of the data. Whenever a graph is present, users can zoom in to get a more detailed view.

To use the Zoom feature within a graph:

1. Click and hold the left mouse button; drag the mouse to select the desired data range.
2. The data for that specific date range will display in graph view.
3. Click **Reset Zoom** to display the default view.

7.4. Sortable Column Headers

Each column header can be clicked in the standard or expanded applet to sort the information in ascending or descending order.

To sort a column in an applet:

1. Click the column name, e.g., **Description** or **Facility**. The list sorts in ascending order.
2. Click the column name again. The list sorts in descending order.

7.5. Comment Indicators

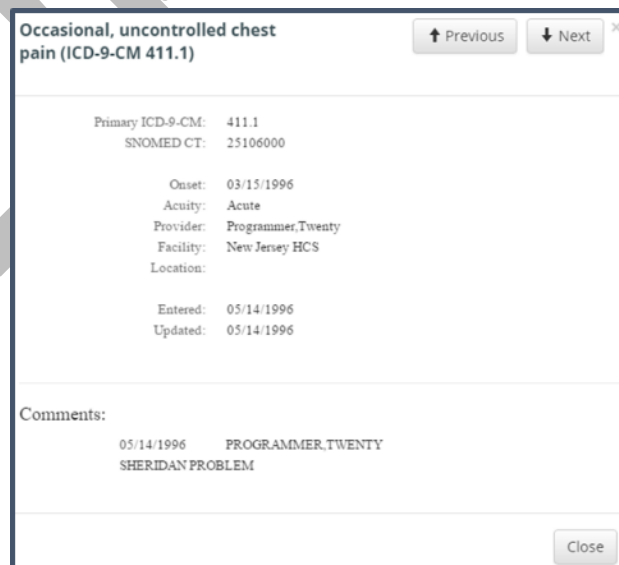
When there is additional information about a list item, the maximized view of an applet displays **Comment Indicators** as shown in Figure 7-3.

Figure 7-3 Comment Indicator in Expanded Applet



After clicking a **Comment Indicator**, a new dialog box, as shown in Figure 7-4, opens to display the detailed comment information.

Figure 7-4 Comment Information



Occasional, uncontrolled chest pain (ICD-9-CM 411.1)		↑ Previous	↓ Next	×
Primary ICD-9-CM:	411.1			
SNOMED CT:	25106000			
Onset:	03/15/1996			
Acuity:	Acute			
Provider:	Programmer, Twenty			
Facility:	New Jersey HCS			
Location:				
Entered:	05/14/1996			
Updated:	05/14/1996			
Comments:				
05/14/1996 PROGRAMMER, TWENTY SHERIDAN PROBLEM				
				Close

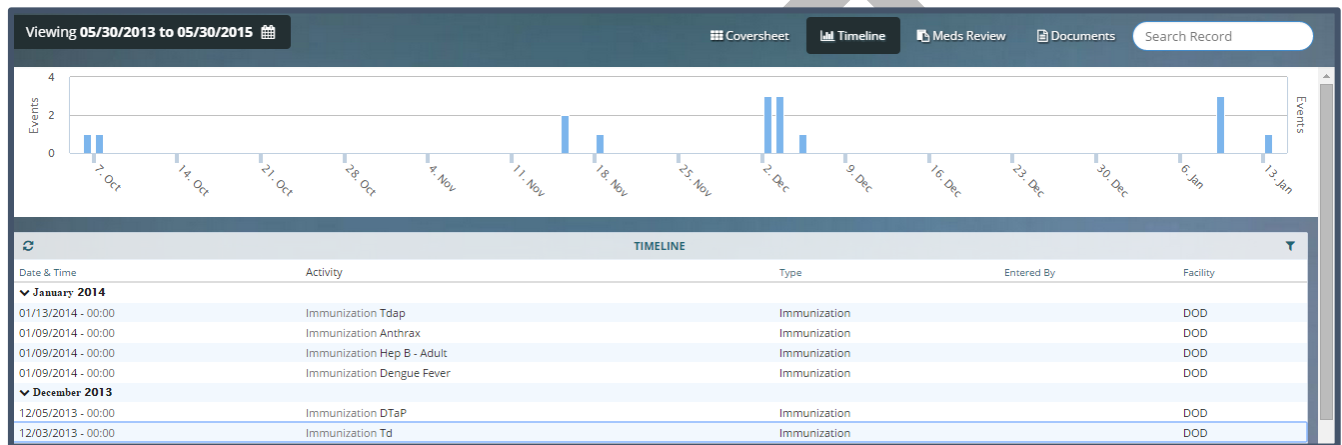
8. Other Views

In addition to the **Coversheet**, eHMP provides links to additional views that display patient information in alternative formats.

8.1.1. Timeline

Timeline view, previously called the News Feed, provides a detailed view of the selected patient's visit history. Information can be displayed using either a graphical historical view, or a list view grouped by month. The groups are collapsible and can be sorted by date and time, activity, type, entered by, or facility.

Figure 8-1 Timeline



To sort data:

1. Click a column header. The items will display in ascending order.
2. Click the column header again. The items will display in descending order.
3. Click the column header a third time to return to the default data display.

To display a detailed view of a specific date:

1. Click the **Timeline** view. The patient's historical visit data will display grouped by month. The default view is date in reverse chronological order.
2. Click an item from the list. The **Detail Dialog** will open.
3. Click the **Close** button, **X** located in the upper right-hand corner, or anywhere outside of the **Detail Dialog** to close the detailed visit information and return to the default **Timeline** view.

To select a specific date range:

1. Click and hold the left mouse button down; drag the mouse over the **Timeline** graph to select the desired date range.
2. The historical visit information for the selected date range will display in the summary view.
3. Click **reset zoom** button to reset the display to the default view of the **Timeline** graph.

After opening the Detail Dialog, you can filter results by date, just like the other views:

1. Select one of the preset date ranges.

OR

2. Use the calendar dropdowns to choose a custom date range, then click **Apply** to change the date range of the patient information displayed.

8.1.2. Meds Review

Meds Review displays the selected patient's medication history in both list and timeline formats.

List View shows a summary list of medication orders for the selected patient from all available sources. Medications are grouped into inpatient, outpatient, supplies, clinic orders, and non-VA medication categories. When a category is selected, the group is expanded to display the list of items.

Meds Review Timeline View is a graphical representation of a medication's start date, stop date and the dispensing dates that reflect the patient's medication history.

Figure 8-2 Meds Review Default View (Collapsed)

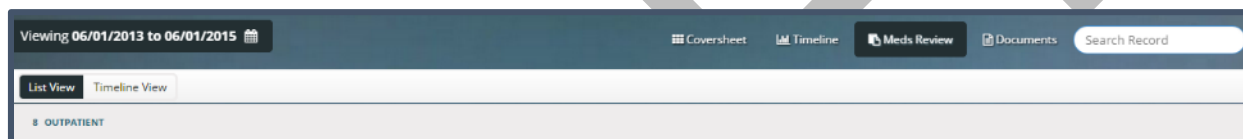
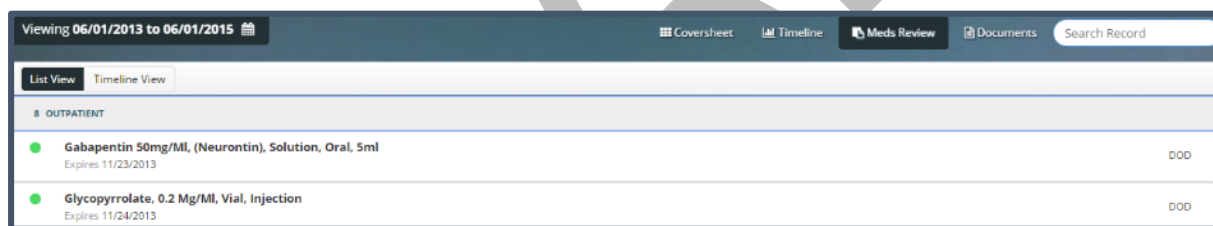


Figure 8-3 Meds Review Expanded View



To display a detailed view of a medication:

1. Click **Meds Review**. The collapsed **List View** will be displayed.
2. Click one of the displayed medication categories. The category will be expanded, and the list of medications will appear, sorted by activity, then by most recent.
3. Click a medication. The **Active Medications Detail Dialog** box (Figure 8-4) will open.
4. Click the medication again to close the **Active Medications Detail Dialog** box.

Links provide access to external information and resources. This information is found on the left-hand side of the **Active Medications Detail Dialog** box under **Links**, as shown in Figure 8-4.

To use a resource link in the **Links** section of the **Active Medications Detail Dialog** box:

1. Click one of the resources under **Links** to launch the external resource.
2. The external resource will be displayed in a new browser tab.
3. Click the **X** on the external resource's browser tab to close it, or click the browser tab labeled **VA eHMP** to return to the eHMP application without closing the external resource tab.

Figure 8-4 Active Medications Detail Dialog

Medication - haloperidol, 5 mg, tablet, oral

Order Hx

10/25/2013 - 11/24/2013

10/25/2013 - 11/24/2013

Links

[Clinical Pharmacology](#)

[MDConsult](#)

[UpToDate](#)

Haloperidol, 2 Mg, Tablet, Oral Active

FOR

Prescription No.	Supply	Dose/Schedule
	1 for 30 days (0 of remaining)	

Provider	Pharmacist	Location	Facility
AHL TADTE, ATTEND B			DOD

Fill History

Date	Quantity
10/25/2013	1 dispensed

Close

To display the timeline view of a patient's medication history:

1. Click the **Timeline View** button in the **Meds Review** view.
2. A graphical representation of the medication start date, stop date, and the dispensing dates displays.
3. To zoom in on specific medication(s), click and hold the left mouse button and drag over the medication(s) to select the desired range.
NOTE: Unlike the other graphs, highlight moving from top to bottom.
4. Click **Reset Zoom** to reset the view to all medications.

8.1.3. Documents

Documents view lists multiple categories of documentation from all sites. Like other views, a list item can be expanded to see document-specific information and note text.

Documents view displays the following information in sortable columns:

- Date
- Description
- Type
- Entered By
- Facility

Figure 8-5 Documents

Date	Description	Type	Entered By	Facility
▼ June 2014				
06/19/2014	Procedure Note (Provider) Document	Procedure Note (Provider) Document	BHIE, USERONE	DOD
▼ January 2014				
01/13/2014	Progress Note	Progress Note	BHIE, USERONE	DOD
01/13/2014	Progress Note	Progress Note	BHIE, USERONE	DOD
01/10/2014	Consultation Note (Provider) Document	Consultation Note (Provider) Document	None	DOD

To sort the document data:

1. Click the column header once to sort the documents in ascending order
2. Click the column header once more to sort the documents in descending order.
3. Click the column header a third time to return to the default data display.

To display the details of an item in the list:

1. Click **Documents**. All documents for the selected patient will display, as shown in Figure 8-5.
2. The default view lists all documents related to the selected patient, sorted by the most recent date.
3. Click an item from the list. Detailed information appears on the right-hand side of the view.
4. Click the **Close** button or the **X** in the upper right-hand corner to close the document details and return to the document list.

9. Logging Out of eHMP

There are two ways to log out of eHMP; signing out manually, or being logged out due to inactivity.

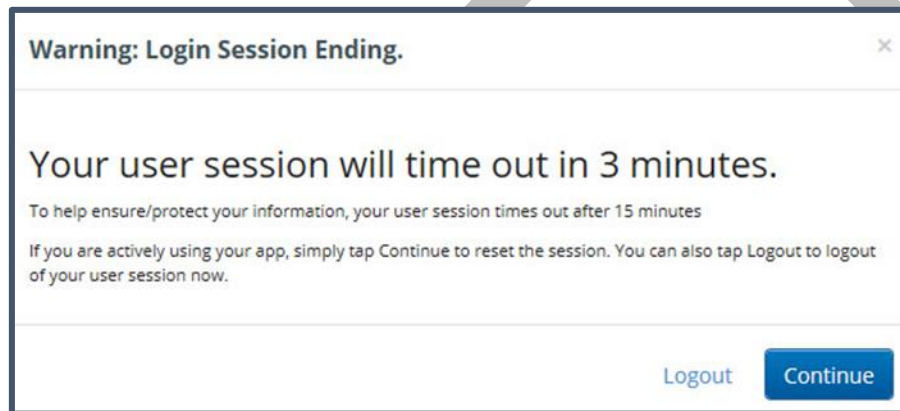
To sign out manually:

1. Click the user name in the upper right-hand corner. A dropdown will display.
2. Click **Sign Out**.
3. The user is now signed out of eHMP.

Auto log off due to inactivity:

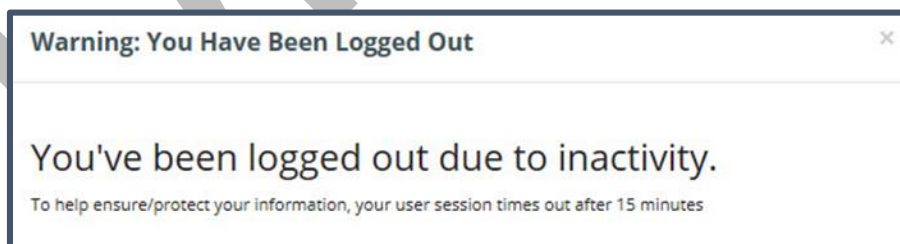
When a user has been inactive for 12 minutes, they will receive a warning message informing them their session will end in 3 minutes (Figure 9-1). The user is given the option to click the **Continue** button to stay logged in, or to click the **Logout** button to log out of the application.

Figure 9-1 Login Session Ending Warning



When a user has been inactive in the eHMP application for 15 minutes or more, they will receive a warning message (Figure 9-2) informing them that they were automatically logged out of the eHMP application.

Figure 9-2 You Have Been Logged Out Notice



Internal Revision History

Date	Version	Description	Author
03/26/2015	2.2	Made internal-requested edits and sent new working copy to Kristen Harvey.	Mandi Woodroof
03/24/2015	2.2	Updated Standard and Expanded subtitles to include applet names.	Kristen Harvey
03/26/2015	2.2	Created new working version of the document from the last good submission and made edits received from Kristen Harvey.	Kristen Harvey Mandi Woodroof
03/24/2015	2.1	Completed Kristen's edits on master copy and prepared for resubmit.	Mandi Woodroof
03/24/2015	2.1	Updated sections 3.1.2.1., 3.1.2.2. and 3.1.2.3. to reflect client requested changes.	Kristen Harvey
03/19/2015	2.1	Sent working version (called 2.1) to Kristen Harvey.	Mandi Woodroof
03/15/2015	2.0	Verified all screen shots and finalized document for submission.	Mandi Woodroof
03/02/2015	2.0	Added edits by Kristen Harvey. Corrected figure numbers. Sent to Kristen for her Peer Reviewers.	Kristen Harvey, Mandi Woodroof
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12/1/2014	.7	Edit content. Add screen shots. Remove unnecessary content. Finalize for more Peer Review and submission.	Mandi Woodroof
11/30/2014	.6	Add content from Kristen Harvey. Update screen shots. Edited content.	Mandi Woodroof
11/20/2014	.5	Add content from Kristen Harvey.	Mandi Woodroof
11/24/2104	.4	Edit document.	Mandi Woodroof
11/20/2014	.3	Formatting document. Adding information and questions to doc text.	Mandi Woodroof

Date	Version	Description	Author
11/19/2014	.2	Populate template with information from eHMP System Overview Presentation. Adding screen shots.	Mandi Woodroof
11/11/2014	.1	Create template based on VA blank. Pull TOC from VistA User Guide and populate this document.	Mandi Woodroof

Note: The Internal Revision History tracks **all** revision activity of the document owners, tech writers, content contributors, and/or SMEs prior to the submission of the document.

Individual authors will be named here, whereas the author in the Revision History at the beginning of the document is always ASM Research.

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