

VistAWeb

Version 16.1.5 WEBV*1*31

User Manual

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Preface

VistAWeb Version 16.1 (WEBV*1*26) incorporates changes to comply with section 508 standards and regulations. VistAWeb is removing the detailed display column on the grid domain reports. Columns have been rearranged so that now the first column in the grid will be the column that specifies the type of data from a clinician's perspective, e.g. Medication Name, Title of Note, Lab Test name, etc. The items in this column will have a hyperlink added to them that will provide detailed display information to the user. A few reports where this change can be seen are the Consults and Procedures, Chem & Hematology, Microbiology, Current Orders, All Outpatient Pharmacy, Progress Notes, and Radiology Reports.

Introduction to VistAWeb

Veterans Health Information Systems and Technology Architecture (VistA) VistAWeb is a read-only intranet web application. It delivers to the client a uniform, well-defined suite of objects from the medical domain, objects such as patient, provider, progress note, lab results, prescriptions, allergies, and imaging. Designated as the preferred method for VA clinicians to view both Department of Defense (DoD) and remote data from other Department of Veteran's Affairs Medical Centers (VAMCs) due to its ease of use, flexibility, and reliability. VistAWeb is a key component of Nationwide Health Information Network (NwHIN), as it is the only application which supports the clinical use of the NwHIN.

It is used to review remote patient information found in VistA, Bidirectional Health Information Exchange (BHIE) system, the Health Data Repository II (HDR II) databases, the Nationwide Health Information Network (NwHIN), and all local VAMCs

To a large extent, VistAWeb mirrors the reports behavior of the Computerized Patient Record System (CPRS) and Remote Data View (RDV). However, by permitting a more robust and timely retrieval of remote-site patient data, VistAWeb is also an enhancement to CPRS/RDV.

For further information about NwHIN, go to the following link: <u>http://healthit.hhs.gov/portal/server.pt?open=512&mode=2&cached=true&objID=1142</u>.

There are three ways to access VistAWeb. VistAWeb can be made available by adding it to the CPRS Tools Menu, and it can be selected by choosing the VistAWeb button on the CPRS toolbar. These two methods are referred to as CPRS-spawned versions of VistAWeb. They are compliant with the Health Level 7 (HL7) Clinical Context Object Workgroup (CCOW) standards and therefore maintain context with the patient selected in CPRS. As a third option, VistAWeb can be accessed in a standalone mode by entering the uniform resource locator (URL) link (https://vistaweb.med.va.gov/) in the Internet Explorer (IE) address bar. These methods of accessing VistAWeb are discussed in more detail in later sections of this manual

Note: Some links found in this user manual go to sites or pages found on the VA intranet. These sites or pages are not accessible from outside the VA network.

The standalone version of VistAWeb is connected to neither CPRS nor the clinical context management application. Standalone VistAWeb serves an important function for users who have been granted special access to multiple sites, such as for National Programs, Veterans Administration (VA) researchers, and others. VistAWeb was also made available more broadly, though temporarily, to assist clinical staff with the retrieval of patient information from the sites affected by damage caused by hurricane Katrina

To fully appreciate the data that VistAWeb presents to the user, it is important to know something about the HDR as one of the sources of that data. Please read the following section to familiarize the user with the purpose of the HDR and some of the terms and acronyms that describe it, as these will be used in subsequent sections of this manual.

Brief Overview of NwHIN

The Nationwide Health Information Network (NwHIN) provides a secure, nationwide, interoperable health information infrastructure that will connect providers, consumers, and others involved in supporting health and healthcare. This critical part of the national health IT agenda will enable health information to follow the consumer, be available for clinical decision making, and support appropriate use of healthcare information beyond direct patient care so as to improve health. NwHIN, which is a network of networks, securely connects consumers, providers and others who use health-related data. With NwHIN, there is no national data store or centralized systems at the national level and no national patient identifier.

NOTE: a double dagger (‡) is displayed next to all document domains/reports that contain NwHIN data. **NwHIN data will only display if you are signed on to a VAMC that is participating with an NwHIN partner.** Otherwise, you will get a message saying "No NwHIN data found."

Brief Overview of the HDR

The purpose of the HDR project is to establish a clinical data repository. A clinical data repository is a collection of clinical information that resides on one or more independent platforms and is used by clinicians and other personnel to facilitate longitudinal patient-centric care. The data in the HDR will be retrieved from existing VistA files and organized in a format that supports the delivery of care, regardless of the patient's current location or where the patient has been treated in the past. Additionally, the HDR serves several purposes:

- Serves as a primary source for the legal health record (LHR)
- Enables the generation of clinical reports based on the entire clinical holdings of Veterans Health Administration (VHA)
- Supports standardization between and among Department of Defense (DoD), Indian Health Services (IHS), and other government and private industry clinical databases through the creation of a standards-based database

For more information, see HDR documentation on the VistA Documentation Library (VDL)

Brief Overview of AWIV

Version 13 of VistAWeb enabled use of the Advanced Windows Imaging Viewer (AWIV). (See "<u>VistAWeb V 12.0</u> Features/ Enhancements" for further details.) AWIV is an ActiveX component created by VistA Imaging for the purpose of displaying medical images from a variety of sources. The AWIV uses the same components inside the VistA Imaging Clinical Display application, which is an FDA regulated medical device. It is distributed with Patch 105 (MAG*3.0*105).

VistAWeb provides information to the AWIV component to indicate what is to be displayed. The AWIV communicates with the Centralized VistA Imaging Exchange (CVIX) service for VA and DoD data.

AWIV is dependent on Patch 104 (MAG*3.0*104) for communication service to retrieve images from the web for display.

The AWIV supports displaying artifacts provided by the VA and, in the future, will display artifacts provided by the DoD. In this context, an artifact is an image or image-like object stored by VistA Imaging or by DoD HAIMS. Artifacts include images of various types as well as scanned documents. Note that VistA Imaging EKG images are not accessible because they are stored on third-party servers.

When viewing reports and notes from VA sites, VistAWeb can determine if there are images associated using the same remote procedure calls (RPC) CPRS has already defined. When VistAWeb determines a note or report has images associated, VistAWeb should indicate to the user that images are available through an icon. VistAWeb will then display a page containing the AWIV component and then provides the AWIV component with the necessary parameters and the string identifier from CPRS.

Known Constraints

There are known constraints in the installation and use of VistAWeb:

 VistAWeb is a CCOW-compliant application. If VistAWeb is launched from CPRS on a computer without the CCOW-compliant Vergence Desktop Components installed, a message will be displayed saying "VistAWeb is CCOW compliant and has been unsuccessful in locating a CCOW vault. Please contact your local IRM for assistance." VistAWeb will then exit

Note: Information Resources Management (IRM) staff should refer to the VistAWeb Informational Patch OR*3*230 for guidance on where to find information and who to talk to about installation and configuration of the CCOW Desktop Components. Additional CCOW information can be found at <u>http://vista.med.va.gov/vistaweb/Desktop_Components.htm</u> and <u>http://vista.med.va.gov/CCOW/index.html</u>

2. Access to VistAWeb in a test account should *not* be made available to general users. Access *should* be made available in a production account. Accessing VistAWeb in test accounts will require the user to enter the IP address and port number of the test system each time a patient selection is performed. Access to VistAWeb in a test account should be restricted to IRM staff for limited testing purposes only.

Note: Using VistAWeb to look up "test patients" may produce confusing results. Normally, no two sites ever have the same test patients. Using a test patient in a production account may seem to work satisfactorily, but can cause VistAWeb to error out as it attempts to reconcile a test patient at multiple sites.

- 3. VistAWeb uses pop-ups. Field facilities that have chosen to turn off pop-ups on desktops will need to allow them for VistAWeb. In IE in the *Tools* menu pull-down, select *Pop-up Blocker>Pop-up Blocker Settings*, type the VistAWeb URL in the *Address of the Web site to allow:* box, and click the *Add* button.
- 4. VistAWeb is only supported with use of IE version 7 or higher.

Figure 1: Setting IE to Allow Pop-ups

		• 🔊 • 🖶 • 🔂 Page •	
		Delete Browsing History	
	Turn Off Pop-up <u>B</u> locker	Pop-up Blocker	•
	Pop-up Blocker Settings	P <u>h</u> ishing Filter	+
diaal Door	ords module of Vist	Manage <u>A</u> dd-ons	•
	of us module of vist	<u>W</u> ork Offline Windows <u>U</u> pdate	
-	is must be a site at which y	-	F11
ang on the + s	ign next to your VISN, ther		
		<u>T</u> oolbars	•

🖉 VistAWeb - Windows Internet Explorer	
Pop-up Blocker Settings	\mathbf{X}
Exceptions Pop-ups are currently blocked. You can allow pop-ups from specific websites by adding the site to the list below. Address of website to allow:	
htpps://vistaweb.med.va.gov/ Add	J
Allowed sites:	
webmail.va.gov Remove al))
Notifications and filter level	5
Play a sound when a pop-up is blocked.	
Show Information Bar when a pop-up is blocked.	
Filter level:	
Medium: Block most automatic pop-ups	
Pop-up Blocker FAQ Close	<u>ן</u>

Note: Some links found in this user manual go to sites or pages found on the VA intranet. These sites or pages are not accessible from outside the VA network.

What's New with VistAWeb Release 16.1?

If you are already familiar with VistAWeb, read this section of the manual to find out what is new in this release. If you are not familiar with VistAWeb, you may want to start with <u>Accessing</u> <u>VistAWeb</u> and then come back to this section to find out what's new.

VistAWeb Version 16.1 (WEBV*1*26) incorporates changes to comply with section 508 standards and regulations. VistAWeb is removing the detailed display column on the grid domain reports. Columns have been rearranged so that now the first column in the grid will be the column that specifies the type of data from a clinician's perspective, e.g. Medication Name, Title of Note, Lab Test name, etc. The items in this column will have a hyperlink added to them that will provide detailed display information to the user. A few reports where this change can be seen are the Consults and Procedures, Chem & Hematology, Microbiology, Current Orders, All Outpatient Pharmacy, Progress Notes, and Radiology Reports.

VistAWeb Version 16.1.5 (WEBV*1*31) incorporates multiple style sheet changes needed for the proper display of VLER data on VistaWeb pages for: 'Immunization Name' data, Source data for Allergy and Problem List as well as Provider Name data in the Problem List section.

In addition, a change was made so that VistAWeb will no longer display "--" in the Date/Time column for the individual lab results since those will always be empty. Instead of displaying "--", VistaWeb will now display nothing. This release also updates a page header of the Non-VA Health Summaries page from "NwHIN Documents" to "Non-VA Health Summaries".

Accessing VistAWeb

There are three ways to access patient data using VistAWeb:

- 1. VistAWeb can be made available by adding it to the CPRS Tools Menu
- 2. CPRS users also have direct "one-click" access to VistAWeb from a VistAWeb button located on the CPRS Toolbar

These two methods are referred to as CPRS-spawned versions of VistAWeb. They are compliant with the HL7 Clinical Context Object Workgroup (CCOW) standards and, therefore, maintain context with the patient selected in CPRS

3. As a third option, VistAWeb can be accessed in a standalone mode by entering the URL link (https://vistaweb.med.va.gov/) in the IE address bar

These methods of accessing VistAWeb are discussed in more detail in later sections of this manual

VistAWeb under the CPRS Tools Menu

To access VistAWeb, you must first log into CPRS using your access/verify codes, select a patient, and select VistAWeb from the Tools menu. VistAWeb will maintain context with the selected patient and retrieve data for that patient from all sites where the patient has records. When you select a different patient from the CPRS File menu, VistAWeb will maintain

context with the new selection. This is described in <u>Patient Context in CPRS-Spawned</u> <u>VistAWeb</u>.

🔁 VistA CPRS in		(CLE13)					
File Edit View	⊻istAWeb		ot Selected Provider Not Selected	Primary Care Team Unassigned	Flag	VistaWeb Remote Data	Postings A
Active Problems No Problems Fr	Lab Test Information Options	rerse F Ifarin	leactions		Posting Allergi		
Active Medications Non-VA Warfarin 2r	mg Tab (lavender) Active	3	Clinical Reminders No reminders due	Due Date			
Recent Lab Results No Orders Found.		Vitals T 37.4 P 75 BP 120/ HT 19 in WT 1761 PN 9 BMI 343.	Apr 12,2006 0 80 Jan 19,2006 1 Jan 19,2006 1 b Mar 31,2006 1 Nov 07,2006 0	0:27(3.0.C) ORAL 3:57 STANDING,BRACHIAL,DOPPLER,RIGHT 1:51 1:51(48.3 cm) 0:42 (79.8 kg) ESTIMATED,WHEELCHAIR SC 17:28	Appointments/V No data found	isits/Admissions	
Cover Sheet Prot	olems Meds Orders Note	es Consults	Surgery D/C Summ L	abs Reports			

Figure 2: VistAWeb Access from the CPRS Tools Menu

The first time you launch VistAWeb from CPRS, a login (using the same access and verify codes as for CPRS) is required. Subsequent uses of VistAWeb do not require a second login.

Figure 3: Initial Launch Using CPRS Access and Verify Codes

Vista Login me	dical record
The first time you run VistAWeb from CPRS you have to login. You should not have to do this again.	
DEPARTMENT OF VETERANS AFFAIRS VVV V*AAAA VVV V*A AAA VVV V*A AAAAAAAA VVV V*A AAAAAAAAA VVV V*A AAAAAAAAA VVVV*A AAAAAAAAA MISUSE OF THIS SYSTEM AND/OR ITS DATA IS A VVVV*A AAAAAAAA FEDERAL FELONY WARAANING FBI INVESTIGATION. V*A AAAAAAAA S>> Production Account <<<	
\$\$\$ \$\$\$ \$\$\$	
Access Code:	<u>×</u>
Verify Code:	
Login	

Access to VistAWeb from CPRS VistAWeb Button

A VistAWeb button is available next to the Remote Data Available button; when you click this button, CPRS will launch VistAWeb for you. Additionally, when VistAWeb is launched by CPRS, patient context is maintained. This means that VistAWeb will change patients whenever you do a patient selection in CPRS.

Figure 4: VistAWeb from the VistAWeb Button

<u>File E</u> dit <u>V</u> iew <u>T</u> ools <u>H</u> elp				
Sep 30,1938 (70)	Visit Not Selected Current Provider Not Sele	Primary Care Tea	am Unassigned Flag VistaWe Remote D	- 7
Active Problems	Allergies / Adverse React	tions	Postings	
No Problems Found	Donepezil Warfarin		Allergies	
Active Medications	Clir	nical Reminders	Due Date	
Non-VA Warfarin 2mg Tab (lavender)	Active No	o reminders due		

Figure 5: New Remote Data Tool message on Options screen

Options	? 🔀
General Notifications	Order Checks Lists/Teams Notes Reports Graphs
All Reports	
	Change the default date range and occurrence limits for all reports on the CPRS Reports tab (excluding health summary reports) .
	Set All Reports
Individual Reports —	
	Change the individual date range and occurrence limits for each report on the CPRS Reports tab (excluding health summary reports) .
	Set Individual Reports
Remote Data Tool —	Users now have direct 'one-click' access to VistaWeb and RDV from the CPRS Toolbar. You no longer have to change your Remote Data Tool settings.
	OK Cancel Apply

Patient Context in CPRS-Spawned VistAWeb

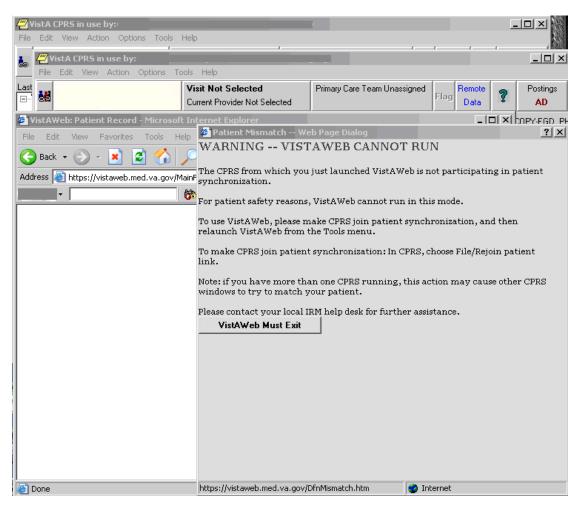
VistAWeb is a CCOW-compliant application and, therefore, maintains context with the patient who was selected in CPRS. When you spawn VistAWeb from CPRS, VistAWeb presents you with a screen that confirms the patient identity, the sites where there is patient data, and gives you the option to proceed or cancel. If you select Proceed, VistAWeb displays the Sites & Notices screen for the new patient along with a menu of reports that are available in VistAWeb. If you select Cancel, VistAWeb forces you to close the session. When using VistAWeb through the CPRS Tools menu, you will not be able to select a new patient from within the VistAWeb application; however, you can return to CPRS to select a new patient and the VistAWeb connection process will begin again

Figure 6: VistAWeb Maintains Context with the CPRS Patient

VistAWeb has automatically selected the following patient:	
VITALSPT.THREE	
If you choose to proceed, VistAWeb will connect to the following sites:	
CHYSQA	_
HDR	=
Proceed Cancel	
NOTICE	
The more sites in this list the longer it will take to connect. Also, the more sites on this list from which you have not on some	
previous occasion received data, the longer it will take to connect. Also, the more sites on this list from which you have not on some previous occasion received data, the longer it will take. Once connected, however, the data fetches will be very quick. If you choose to proceed the only way to stop VistAWeb from completing this page will be to close the browser.	
to protect the only in a corp i barn or non-completing the page will be to close the browser.	~

To avoid potential patient safety problems, VistAWeb will not open from a CPRS session that is not in context. This can occur when multiple CPRS sessions are open on the desktop. In the following example, two CPRS sessions are open. One session is in context, as indicated by the icon with a blue person and a connected chain link. The other CPRS session is <u>not</u> participating in patient context, as indicated by the icon with red and blue people and a broken chain. The VistAWeb warning message is the result of attempting to launch VistAWeb from the CPRS session that is <u>not</u> in context. VistAWeb forces the user to exit the attempted connection.





VistAWeb Directly from IE ("Standalone" VistAWeb)

VistAWeb can also be accessed directly from IE by entering <u>https://vistaweb.med.va.gov/</u> in the IE address bar. Users must select their local site for login, then log in using their CPRS/VistA access and verify code pair

Note: Some links found in this user manual go to sites or pages found on the VA intranet. These sites or pages are not accessible from outside the VA network.

Once you have made your login site selection, you may want to save the URL in the IE "Favorites" menu for future ease of access

Note: Users who regularly only use the standalone version of VistAWeb will be required to update their verify codes periodically, just as they would if logging into CPRS. When this happens, the login screen will display the message, "User must enter a new Verify code at this time."

By default, users will be able to look up only those patients who are in their local VistA site. Data for those patients will be retrieved from all other sites the patients have visited. Some users (researchers or referral coordinators, for example) may need to look up patients who are not in the local VistA. VistAWeb requires that these users be granted Special User access. <u>Special Users</u> and <u>Requesting Special User Access</u> are discussed in more detail later in this manual

Note: An exception to the VistA/CPRS account requirement is made for properly credentialed Special Users, who do not have clinical VistA accounts. For those users, access can be obtained by logging in through the "100. Central Office Claims System," as shown at the bottom of the sites menu in the figure below.

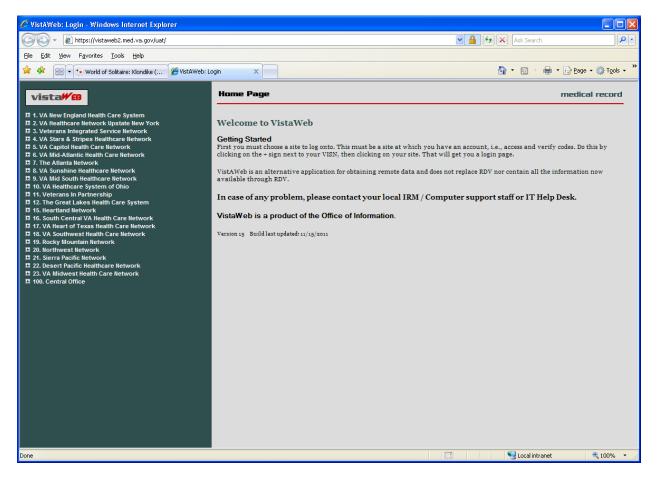


Figure 8: VistAWeb Home Page

To log into VistAWeb, select the site where you have an account from the list of sites on the left side of the page. The VistA login page for that site will appear. You should enter your access/verify codes the same way you would enter them in CPRS.

Figure 9: VistAWeb – VistA Site-Login Screen

vista₩®	Vista Login	medical record
1. VA New England Health Care System Togus, ME Wintle River Junction, VT Bedford, MA Boston HC 3 (Boston, Brockton, Jamaica Plain, Vvest Roxbury) Manchester, NH Northampton, MA Providence, RI Connecticut HC 3 (Newington, West Haven) Z. VA Healthcare Network Upstate New York S. VA English Healthcare Network S. VA Stars & Strippes Healthcare Network S. VA Mid South Healthcare Network	**TOGVISTA** • * WARNING * * WARNING * * WARNING * * This U.S. Government computer system is for official use only. The files on this system include Federal records that contain sensitive information. All activities on this system may be monitored to measure network performance and resource utilization, to detect unauthorized access to or misuse of the system or individual files and utilities on the system, including personal use, and to protect the operational integrity of the monitoring. Misuse of or unauthorized to consist to this system may result in criminal prosecution and disciplinary, adverse, or other appropriate action. * * WARNING * * WARNING * * WARNING * *	
II 2 The Great Lakes Health Care System II 5. Heartiand Network II 15. Heartiand Network II 12. VA Heart of Taxas Health Care Network II 12. VA Southwest Health Care Network II 13. RAS Southwest Health Care Network II 20. Northwest Network II 21. Sierra Pacific Network II 22. Desert Pacific Healthcare Network II 23. VA Midwest Health Care Network II 20. Central Office	Access Code: Verify Code: Login	
	😜 Internet	🐴 🔹 🔍 75% 🔹 🛒

After you log into VistAWeb, the Patient Selection screen appears. If you have Special User access, a list of sites for patient selection will be present on the left side of the screen. Special Users may select a site other than their login site for patient selection. All other users will be limited to patient selection from their login site only. In either case, data for the selected patient will be automatically retrieved from all sites where that patient has data

Patient Selection

In standalone VistAWeb, patient selection can be performed in much the same way as in CPRS. You can enter the patient's name, part of the patient's last name, social security number, or the five-digit identifier (first letter of patient's last name plus the last four digits of the patient's social security number). After entering one of these identifiers, click your mouse button on the FIND button or press the Enter key on the keyboard. A list of potential matching patients appears in the box below. If there are more names available than shown in the scroll box, click the "More names…" button to see them. Once you have identified the desired patient, click your mouse button on the patient name, and click the mouse again on the OK button or press the Enter key on the keyboard

Figure 10: Using the Patient Selection Screen to "Find" a Patient

Logoff Patient Selection medical record The current lookup site is CLE13.
The current lookup site is CLE13
Logoff The current lookup site is CLE13.
Logott
To lookup a patient in a different site, choose from the list on the left.
rning! Avoid using ck" button
If you need to look up a patient who has not been seen at your VAMC (a remote site patient lookup.) you must request Special User access to VistAWeb. Ask for instructions for Special User access by emailing the VHA CO CAPRI access team: <u>vhacocapri@va.gov</u>
Look for: CPRS Find
Matches: CPRSPATIENT,FORTY OK CPRSPATIENT,ONE CRSPATIENT,XONE Cancel CPRSPATIENTCLE,ONE CPRSPATIENTCLE,THREE SSN: 666-66-9877 CPRSPATIENTCLE,TWO CPRSPATIENTCLE,TWO DOB: 01/17/1943 CPRSPATIENTMART,ONE CPRSPATIENTMART,THREE More names
Select patient from Match list and click OK.
ne 🗠 🎒 🔮 Internet

In the example above, the user does not have Special User access, so patient selection is limited to the local site where the user first logged in. There is no list of alternate patient selection sites on the left side of the VistAWeb Patient Selection screen.

Special Users

By default, users of VistAWeb are permitted to select patients that are in the local VistA system where the user logs in. VistAWeb will retrieve data for these patients from all sites where the patients have records. Some users (researchers or referral coordinators, for example) may need to select patients that are not in the local VistA. These users will require Special User access, which can be granted for one site in addition to the login site, several sites, an entire Veteran's Integrated Service Network (VISN), or all sites nationally

After logging in to VistAWeb, Special Users will see the Patient Selection screen, with a list of sites accessible for patient selection.

Attps://sqa1.vistaweb D -	C × @VistAWeb: Patient Selection ×	د ت
Eile Edit View Favorites Tools Help		~
vista##8	Patient Selection medical record	_
Logoff	The current lookup site is CLE13.	
 I. VA New England Health Care System 2. VA Healthcare Network Upstate New York 3. Veterans Integrated Service Network 4. VA Stars & Stripes Healthcare Network 5. VA Capitol Health Care Network MARTSQA 6. VA Mid-Atlantic Health Care Network Hampton, VA (TEST) 	To lookup a patient in a different site, choose from the list on the left. If you don't see a list of sites in the control panel you are constrained to selecting patients only in the site at which you logged on. You will still get data from everywhere in VHA however. If you need to look up a patient who has not been seen at your VAMC (a remote site patient lookup.) you must request Special User access to VistAWeb. Ask for instructions for Special User access by emailing the VHA CO CAPPRI access team: https://www.naccestriew.com .	
7. The Atlanta Network 8. VA Sunshine Healthcare Network 9. VA Mid South Healthcare Network 10. VA Healthcare System of Ohio DAYT SHR for NwHIN DAYT DEV	Enter a patient name or identifier and click FIND. Look for: Find	
CLE13 I. Veterans In Partnership I. 2. The Great Lakes Health Care System I. 5. VA Heartland Network I. 5. VA Heartland Network I. 6. South Central VA Health Care Network I. 7. VA Heart of Texas Health Care Network I. 8. VA Southwest Health Care Network I. 9. Rocky Mountain Network CHYSQA5	Matches: OK Cancel More names	
CHYSHR for IWHIN SLC IMAGING 2.0. Northwest Network 2.1. Sierra Pacific Network 2.2. Desert Pacific Nealthcare Network 2.3. VA Midwest Health Care Network 199. BHIE Test Accounts E I Paso, TX (SILVER) North Chicago, IL (SILVER)		
Warning! Avoid using "Back" button		

Figure 11: Special User Multiple Site and Patient Selection

In the example above, the user is a Special User who has access to perform patient selection at several sites, which are listed on the left side of the screen. To select a patient from a site other than the login site, you must first click on the desired site on the left side of the screen and then perform patient selection

Requesting Special User Access

Requests for Special User access fall into one of three categories:

- **National Programs** requiring "Special User" access, such as Blind Rehab, Transplant, War Related Illnesses, and so forth
- **VA Researchers** requiring "Special User" access for the purpose of approved research projects
- All Others, for example, local users, requiring "Special User" access to multiple VA sites for the purpose of clinical opinions, referral coordination, and so forth.

All users requesting Special User access will be required to verify completion of the annual VHA Privacy Policy Training and VA Information Security Awareness Course and to sign the Rules of Behavior (ROB) prior to approval of the request

Individuals requesting Special User access to VistAWeb should request instructions by emailing the VHA CO CAPRI access team at <u>vhacocapri@va.gov</u>, or by visiting the Health Information Access (HIA) <u>website</u>

Sensitive Patient Warning

Similar to CPRS, standalone VistAWeb displays a warning to you if you select a patient who has been flagged or designated as a Sensitive Patient. VistAWeb differs from CPRS in that it will display the warning message to you if the patient is sensitive in ANY of the sites from where the sensitive data will be retrieved. If you elect to proceed, notification will be sent to the Information Security Officer (ISO) at any and all sites where the patient data is marked sensitive. Both standalone and CPRS-spawned versions of VistAWeb also display the sensitivity status on the Sites & Notices screen.

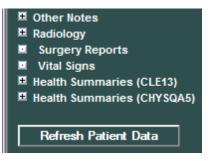
Figure 12: Restricted Record Warning

vista₩€₿	Patient Selection	medical record
Logoff	Restricted Record	
Warning! Avoid using "Back" button	***WARNING*** ***RESTRICTED RECORD*** Yes No	

Refresh Patient Data

A *Refresh Patient Data* button has been added to VistAWeb that allows you to update reports without having to log off and back into a VistAWeb session when new data is added to the patient's record in CPRS. Clicking on the Refresh Patient Data button returns you to the Sites & Notices screen from which you can navigate back to the appropriate report to see the new data.

Figure 13: Refresh Patient Data Button



Category I Patient Record Flags

Category I Patient Record Flags are now displayed in standalone sessions of VistAWeb before the user is permitted to "Continue to Patient Record". The Category I flags are also displayed in both standalone and spawned versions of VistAWeb on the Sites & Notices screen below.

Figure 14: Example Category I Patient Record Flag in Standalone VistAWeb

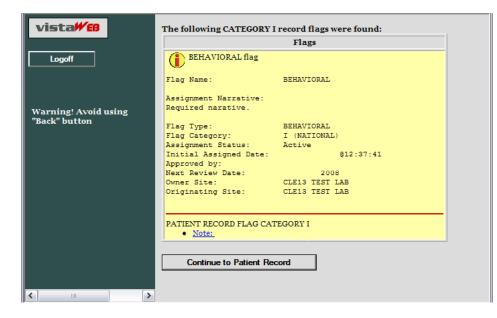


Figure 15: Example Category I Patient Record Flag on the Sites & Notices Screen

The following CATEGO	RY I record flags w	ere found:									
Name		1	Notes								
BEHAVIORAL flag	PATIENT RECORD FLAG CATEGORY I • <u>Note:</u>										
Data for this patient will be acquired from the following sites:											
Site Name	Patient Name	SSN	DOB								
CLE13 (CLE13)											
HDR (HDR)	-										
CHYSQA5 (CHYSQA5)											
Data for this patient c	annot be fetched fr	om the follo	wing sites:								
Site Name	Message										
MARTSQA (MARTSQA)	remote login failed										
STLSQA (STLSQA)	remote login failed										

Using VistAWeb

After the Patient Selection page, all VistAWeb functionality for a Special User is the same as for other users, except that there is no clinical context management as described earlier in *Patient Context in CPRS-Spawned VistAWeb*.

Automatic Retrieval of Data from Multiple Sites

When the patient is first selected, VistAWeb determines how many sites the patient has visited and displays a message similar to the following to let you know that VistAWeb is establishing connections to those systems

Figure 16: Please Wait...Message

vista ^{WEB}	CONNECTING TO SYSTEMS: PLEASE WAIT
Logoff	Systems Connected: 2 of 4

The Sites and Notices page is then displayed, which includes a list of sites where data for that patient will be retrieved. In the following example, VistAWeb will attempt to retrieve data from all available sites listed in the patient's treating facility list. In this example, MARTSQA, STLSQA, and DAYTSHR are three examples of sites in the patient's treating facility list to which VistAWeb has been able to make a connection. If VistAWeb cannot connect to some of the systems (sites) where the patient has been seen, that information is supplied in table format below the sites that are connected. The Last Seen field in the tables is only populated when the Master Patient Index (MPI) has that information to report

On the left side of the screen, there is a list of reports for which VistAWeb is able to retrieve patient data. It is important to note that just because a site is listed doesn't mean there will be data available from that site in all domains. For more detail regarding the type of reports, refer to the *Expanded List of All Reports* section of this manual.

🕞 👻 🙋 https://vistaweb2.med.va.go	v/v15/AppFrameset2.htm				✓	× Google		
Edit View Favorites Tools Help								
🛠 🌈 VistAWeb: Patient Record						🗄 • 🔊 -	🖶 🔹 🔂 <u>P</u> ag	je 👻 🌀 T <u>o</u> ols
rista ₩ ®	Sites & Notices		CHDRZZZTESTPATIENT,CHDRON	e (666-00-00	01)		med	ical recon
Logoff	Patient Selection							
TA ites are Team Ilergies*‡	Data for this patient can		ite Connection Summary (om the following sites:	[10/27/20	11 09:46)			
ppointments atient Information 'isits/Admissions	Site Nam		Patient Name	SSN	DOB	Deceased Date	Sensitivity	Last Seen
ietetics	Department of Defense (NwHIN)	CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960			
onsults and Procedures‡ onsults (DoD Remote Data Only) ischarge Summaries‡	Indiana Health Informa (IHIE) - HIE (<i>NwHIN</i>)	tion Exchange	CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960			
aboratory ‡ natomic Path Reports	South Carolina Health I Exchange (SCHIEx) - HIE		CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960			
ledicine ‡ rders utpatient Encounters/GAF	Western New York Healt (<i>NwHIN</i>)	theLink - HIE	CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960			
harmacy *‡	MARTSQA (MARTSQA)		CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960		Y	
roblem List‡	STLSQA (STLSQA)		CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960		Y	
rogress Notes‡ ther Notes	DAYTSHR for NwHIN (D.4	AYTSHR)	CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960		Y	07/28/201
adiology ‡	CHYSQA5 (CHYSQA)		CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960		Y	
urgery Reports‡ 'ital Signs*‡	HDR (HDR)		CHDRZZZTESTPATIENT, CHDRONE	666000001	03/03/1960		Í	
ealth Summaries (Non-VA)‡ ealth Summaries (MARTSQA) ealth Summaries (STLSQA) ealth Summaries (DAYTSHR)	Data for this patient cannot be retrieved from the sites shown below due to network or remote system problems. To attemp those systems again, please see the message field below and/or re-select the patient .							
ealth Summaries (CHYSQA)	Site Name			ssage				Last Seen
	DAYT20 TEST LAB ()	Site not in site t	able: 988					
Refresh Patient Data	CHYSHR for NwHIN (CHYSHR)		led for:10.4.229.203 (9620) 2 ROU CHYSHR NLA0::546592771	5 0 CHYSHR.	FO-BAYPINES.	MED.VA.GOV	/ o '	07/20/201
ages with HDR data ages with 🗳 Non-VA data	ENROLLMENT SYSTEM REDESIGN ()	Site not in site t	able: 200ESR					
	DAYTDEV (DDEV)		led for:10.4.230.253 (9503) 9 ROU DAYTDEV NLA0::558161940	5 0 DAYTDE	V.FO-BAYPINE	S.MED.VA.GO	OV o '	
rning! Avoid using "Back" button			b that is not spawned from the CPRS ' ttps://vistaweb.med.va.gov.	Tools menu. T	'his version is f	or users who	need to select p	atients from

Figure 17: Patient Data Available at Multiple Sites

Reports/"domains" that have data from non-VAMCs are indicated with the appropriate icon from the legend; these reports/domains show the data in an "aggregated view", which means that all sources provide that data for the specific report/domain.

Figure 18: Aggregated View

vistaWB
Logoff
🛃 VTA
🔲 Sites
🗉 Care Team
Allergies*‡
Appointments
Patient Information
Visits/Admissions
Dietetics
Consults and Procedures‡
Consults (DoD Remote Data Only)
Discharge Summaries‡
E Laboratory ‡
Anatomic Path Reports
I Medicine ‡
Orders
Outpatient Encounters/GAF
Pharmacy *
Problem List
Progress Notes‡
Other Notes
Radiology ‡
Surgery Reports‡
Vital Signs*‡
Health Summaries (Non-VA)
Health Summaries (MARTSQA)
 Health Summaries (STLSQA) Health Summaries (DAYTSHR)
Health Summaries (CHYSQA)
Refresh Patient Data
* - Pages with HDR data
‡ - Pages with 🗳 <u>Non-VA</u> data
Warning! Avoid using "Back" button
warning: Avoid using Back Dutton
Done

Expanded List of All Reports

Entries preceded by a plus sign (+) can be expanded to show sub-reports by clicking the mouse on the plus sign (+). Expanded lists can be collapsed by clicking the mouse on the minus sign (-). Figure 19 is a fully expanded list of reports retrieved by VistAWeb. In addition to National and local VistA health summaries, VISN level health summaries are available. Consequently, the list of available summaries can be quite long and will vary depending on the user's login site. The list of health summaries is similar to the Health Summary list available from the Reports tab in CPRS.

Items on the menu that are followed by this symbol (\neq) will include NwHIN DoD data, if available



Figure 19: Expanded List of VistAWeb Reports

Report Examples

There are over 80 different reports available in VistAWeb. A representative sampling is presented here to demonstrate the different types of reports and formatting options.

Text Reports

Text reports are the most basic of all reports available to users. Text is displayed in a noninteractive mode and is very similar to the corresponding reports found in CPRS from the Reports tab. One example of a Text report is the Patient Inquiry report. All site data is retrieved for the selected report, and the patient's data for the associated site is placed within the tab from where the data was retrieved. In the example below, there are four tabs: MARTSQA, CLE13, STLSQA, and CHYSQA5. To view data retrieved from MARTSQA for the selected patient, click the mouse on the MARTSQA tab. If any particular report is not available from a site where the patient has been seen or if there is no data for a specified date range, then that site's report tab will return the statement "No Data Found".

Patient Inquiry		medical record
Patient Selection		
MARTSQA CLE13 STLSQA C	CHYSQA5	×
MARTSQA		
Primary care team unassigned.		
COORDINATING MASTE Address: STREET ADDRESS UNKNOWN UNK. CITY/STATE	R OF RECORD: CLEVELAND VAMC Temporary: NO TEMPORARY ADDRESS	Ξ.
County: UNSPECIFIED Phone: UNSPECIFIED Office: UNSPECIFIED Cell: UNSPECIFIED E-mail: UNSPECIFIED	From/To: NOT APPLICABLE Phone: NOT APPLICABLE	
Bad Addr:		
Confidential Address: NO CONFIDENTIAL ADDRESS From/To: NOT APPLICABLE	Confidential Address Categories:	
POS: UNSPECIFIED Relig: UNSPECIFIED Race: UNANSWERED	Claim ‡: UNSPECIFIED Sex: MALE Ethnicity: UNANSWERED	
Combat Vet Status: NOT ELIGIBLE Primary Eligibility: UNSPECIFIED Other Eligibilities: Unemployable: NO		
Status : PATIENT HAS NO INPA	TIENT OR LODGER ACTIVITY IN THE COMPUTER	
Future Appointments: NONE		~

Figure 20: Patient Inquiry Text Report

Text Report with Date Range Option

In report screens where date ranges can be typed, two digits can be entered for years, and dashes can be entered instead of slashes. VistAWeb will reformat to the dd/mm/yyyy format for the user, e.g., 12-11-05 will be reformatted to 12/11/2005 automatically. Typing in a date range clears any set radio button. Likewise, setting a radio button for one of the available

time periods will clear dates previously typed into the From/To fields. The following composed sequence demonstrates that VistAWeb corrects the date format and then shows that clicking the All Results button clears the To/From date fields.

⊂ Today ⊂ One Week Week	◯ Two Weeks	○ One Month	O Two Months	◯ Six Months	⊙ One Year	◯ Two Years	◯ All Dates	Query
From: (mm/dd/yyy	0		To: (mr	n/dd/yyyy)				

Figure 21: Date Range Entry and Radio Button Selection

When these reports are generated they are presented in table format, which typically can be sorted and can contain data from multiple sites, as with Allergies, Outpatient Pharmacy, and Vital Signs reports. In the following example report of Progress Notes or Chem & Hematology, the initial default query is performed automatically for a one-year time period, and the maximum number of items per site to return is defaulted to 50. You can type in a different number or click in the All Data box to retrieve all the items for the specified period. You can select a different time period or enter a From/To date range, and you can specify a different maximum number of items to return. Click the mouse on the Query button to run the report for the new time period or date range and number of items. Note that, if the default number is deleted, either a minimum of 1 item must be requested or All Data must be checked for the specified time period. Otherwise, an error message is displayed.

Figure 22: Progress Notes Report showing AWIV column, Date Range, Author, Location, and Site

/ista # B	Progress Notes			CPRSPATIENT,	DUDE (333-55-7777)			medical record
Logoff	Patient Selection							This page uses pop-up windows Click here for help on enabling pop-ups
VTA Sites Care Team Allergies†‡ Appointments	Today One Week Date Range: From: (mm/dd/yyyy)) Two \	Weeks	One Month Two To: (mm/dd/yyy		One Year 🔿 Two Y	ears 🔿 All Dates	Query
vatient Information /risits/Admissions † /letetics Consults and Procedurest‡ Consults (DoD Remote Data Only)† /lischarge Summariest±	Maximum Number/Site: 50 All Report A maximum of 50 notes per site (plus ass Print Report		addenda	a) will be displayed reg	ardless of the number of	notes available with	n the specified date range	h
listories and Questionnaires (DoD Remote Data On	ly) 🖺 Title	Icon	AWIV	Date	Author	Location	Site	
			Distance in case of					
aboratory 11	MEDICAL SERVICE PROGRESS NOTE	Ø		08/17/2004 10:26	WHATEVER, DENNIS L	LOWER PC	Columbus, OH	
natomic Path Reports	MEDICAL SERVICE PROGRESS NOTE				WHATEVER, DENNIS L WHATEVER, DENNIS L		Columbus, OH Salt Lake City, UT	
natomic Path Reports edicine ‡ rders	E MEDICAL SERVICE PROGRESS NOTE	1		08/17/2004 10:26	WHATEVER, DENNIS L	LOWER PC		
atomic Path Reports dicine ‡ Jers tpatient Encounters/GAF † srmacy †‡	MEDICAL SERVICE PROGRESS NOTE MEDICAL SERVICE PROGRESS NOTE			08/17/2004 10:26 08/17/2004 10:26	WHATEVER, DENNIS L WHATEVER, DENNIS L	LOWER PC	Salt Lake City, UT Boston HCS	
itomic Path Reports dicine ‡ ers patient Encounters/GAF † rmacy t‡ blem Listţ‡	MEDICAL SERVICE PROGRESS NOTE MEDICAL SERVICE PROGRESS NOTE PHYSICAL THERAPY CONSULT REPORT			08/17/2004 10:26 08/17/2004 10:26 08/20/2004 09:10	WHATEVER, DENNIS L WHATEVER, DENNIS L WHATEVER, BYRON L	LOWER PC LOWER PC TELEPHONE PT/OT	Salt Lake City, UT Boston HCS Salt Lake City, UT	
tomic Path Reports licine ‡ ers factocunters/GAF † macy ft viem Listf‡ press Notesţt r Motes	MEDICAL SERVICE PROGRESS NOTE MEDICAL SERVICE PROGRESS NOTE			08/17/2004 10:26 08/17/2004 10:26 08/20/2004 09:10 08/20/2004 09:10	WHATEVER, DENNIS L WHATEVER, DENNIS L WHATEVER, BYRON L WHATEVER, BYRON L	LOWER PC LOWER PC TELEPHONE PT/OT TELEPHONE PT/OT	Salt Lake City, UT Boston HCS Salt Lake City, UT Columbus, OH	
Path Reports Path	MEDICAL SERVICE PROGRESS NOTE MEDICAL SERVICE PROGRESS NOTE PHYSICAL THEPAPY CONSULT REPORT PHYSICAL THEPAPY CONSULT REPORT PHYSICAL THEPAPY CONSULT REPORT			08/17/2004 10:26 08/17/2004 10:26 08/20/2004 09:10 08/20/2004 09:10 08/20/2004 09:10	WHATEVER, DENNIS L WHATEVER, DENNIS L WHATEVER, BYRON L	LOWER PC LOWER PC TELEPHONE PT/OT TELEPHONE PT/OT	Salt Lake City, UT Boston HCS Salt Lake City, UT Columbus, OH Boston HCS	
tomic Path Reports dicine 1 ters patient Encounters/GAF † rmacy 11 biem List[1 gress Notes1] er Kotes er Kotes gery Reports1 i Signs11 bi Summaries (Bon-VA)1	MEDICAL SERVICE PROGRESS NOTE MEDICAL SERVICE PROGRESS NOTE PHYSICAL THEPAPY CONSULT REPORT PHYSICAL THEPAPY CONSULT REPORT PHYSICAL THERAPY CONSULT REPORT Report #4			08/17/2004 10:26 08/17/2004 10:26 08/20/2004 09:10 08/20/2004 09:10 08/20/2004 09:10 09/12/2012 17:26	WHATEVER, DENNIS L WHATEVER, DENNIS L WHATEVER, BYRON L WHATEVER, BYRON L	LOWER PC LOWER PC TELEPHONE PT/OT TELEPHONE PT/OT	Salt Lake City, UT Boston HCS Salt Lake City, UT Columbus, OH Boston HCS NwHIN (alt1234)‡	
atomic Path Reports Idicine ‡	MEDICAL SERVICE PROGRESS NOTE MEDICAL SERVICE PROGRESS NOTE PHYSICAL THEPAPY CONSULT REPORT PHYSICAL THEPAPY CONSULT REPORT PHYSICAL THEPAPY CONSULT REPORT			08/17/2004 10:26 08/17/2004 10:26 08/20/2004 09:10 08/20/2004 09:10 08/20/2004 09:10	WHATEVER, DENNIS L WHATEVER, DENNIS L WHATEVER, BYRON L WHATEVER, BYRON L	LOWER PC LOWER PC TELEPHONE PT/OT TELEPHONE PT/OT	Salt Lake City, UT Boston HCS Salt Lake City, UT Columbus, OH Boston HCS	

Eile Edit View Favorites Iool		<i> VistA</i>	Web: Patien	t Record	×		-			1		- 🗆 🕳 🕯
vista₩®	Chem & He	matolo	ogy	CLZWK	HAA,ALUUN	A (10	1-36-484	1)			medica	l record
Logoff	Patient Selection	L								his page us for help o		
₽ VTA ■ Sites												
Care Team Allergies*	0	Today W) One /eek	Two Weeks	© One Month	© T Mont) Six Ionths	© One Year	Two Years	All Dates	Query
Appointments Patient Information Visits/Admissions	Date Range: Fro	om: (mm/d	d/yyyy)		To: (mm/dd/yyyy)							
Dietetics Consults and Procedures Consults (DoD Remote Data Only)	Maximum 50 Number/Site:)	🗖 Ali R	eports								
 Consults (DoD Remote Data Only) Discharge Summaries Laboratory 	A maximum of 5 Print Report	o reports	per site wi	ll be display	ed regardle	ss of tł	he numbe	r of repoi	rts availabl	e within the	specified d	late range.
Autopsy Blood Availability Blood Transfusion	<u>Test Name</u>		<mark>≌ <u>Date</u></mark>	<u>Specimen</u>	Result	<u>Flag</u>	Units	Ref Range		Comment		<u>Site</u>
Blood Bank Report Surgical Pathology	CREATININE	12	/24/2005 :31		1.3		mg/dL	0.6- 1.3				CHEYENNE HDR SQA
Cytology Electron Microscopy	UREA NITROGEN	12	/24/2005		41.2	н	mg/dL	7-18				HEYENNE HDR SQA
Lab Orders Chem & Hematology	SODIUM	10	/24/2005	SERUM	131	L	meq/L	136- 145				CHEYENNE HDR SQA
Microbiology • Warning! Avoid using "Back"	URIC ACID	10	/24/2005	SERUM	8.4	н	mg/dL	2.6- 7.2				HEYENNE HDR SQA
Warning! Avoid using "Back" button	GLUCOSE		/24/2005	SERUM	359	н	mg/dL	70-			(CHEYENNE

Figure 23: Progress Notes Report with Chem & Hematology

Predefined Filtering and Date Range

The Pharmacy – All Outpatient report often contains a large number of entries, depending on the patient's history of outpatient prescriptions. Providing shorter date ranges allows for the quicker retrieval of data. For this report, the Date Range selection criterion defaults to *15 Months*. You can select *2 Years* or *All Results* by clicking on their radio buttons and then clicking the Query button

Figure 24: Date Range Selection Criteria for All Outpatient Pharmacy Report

vista#EB	All Outpatient			CPRSP	ATIENT, DUDE	333-55-7777)	ł.				medi	cal recor
Logoff	Patient Selection									<u>cli</u>	This page uses pop- ck here for help on enabl	up window ling pop-u
VTA Sites	1											
Care Team Allergiest	Date Range:	Two Years	All Results									Que
Appointments		d and the Pro-									ranges will take longer to	Contraction
Patient Information	retrieve.)	ed with Ex	piration Date of	the dr	ug to the date	s specified. 10	get mor	e data,	select a different date ran	ge (broader date	ranges will take longer to	
Visits/Admissions † Dietetics	Date range information for	NWHIN data	1									
Dietetics Consults and Procedurest1	Print Report											
Consults (DoD Remote Data Only)†	and the second sec											
Discharge Summariest:	E											
Histories and Questionnaires (DoD Remote Data On	Copy to Clipboard											
				10	Exp/Canc		Last	1				14
Laboratory †‡ Anatomic Path Reports	Medication	Rx#	Status	Qty.	Date	Issue Date	Fill	Rem	Provider	Cost/Fill	SIG	Site
				1.000	Process.		Date					
	EREOR				2005	99/99/9999	Date					NwHIN
Abnormal	EREOR				ALC: N	99/99/9999	Date					NwHIN
Abnormal Brief Report Full Captioned	AMLODIPINE BESYLATE 5MG	762887	ACTIVE	20			Date				TAKE ONE-HALF TABLET	NwHIN (alt1234 NwHIN
Abnormal Brief Report Full Captioned Full Reports		762887	ACTIVE	30	06/04/2010	99/99/9999 06/03/2009	Date		INLOES,SONJA		TAKE ONE-HALF TABLET BY MOUTH EVERY DAY	NwHIN (alt1234 NwHIN
Abnormal Brief Report Full Captioned Full Reports Medicine Procedures‡	AMLODIPINE BESYLATE 5MG TAB AMLODIPINE BESYLATE 5MG	1 10		-	06/04/2010	06/03/2009	Date		INLOES,SONJA		BY MOUTH EVERY DAY TAKE ONE-HALF TABLET	NwHIN (alt1234 NwHIN (alt1234 NwHIN
I Abnormal Brief Report Full Captioned Full Reports Medicine Procedures‡ Orders	AMLODIPINE BESYLATE 5MG TAB	762887 762887	ACTIVE	30		06/03/2009	Date				BY MOUTH EVERY DAY	NwHIN (alt1234 NwHIN (alt1234
R Abnormal Brief Report Full Captioned Full Reports Hedicine Procedures; Orders Outpatient Encounters/GAF †	AMIODIPINE BESYLATE 5MG TAB AMIODIPINE BESYLATE 5MG TAB	762887	ACTIVE	30	06/04/2010 06/04/2010	o6/03/2009 o6/03/2009	Date		INLOES,SONJA INLOES,SONJA		BY MOUTH EVERY DAY TAKE ONE-HALF TABLET BY MOUTH EVERY DAY INSERT ONE	NwHIN (alt1234 NwHIN (alt1234 NwHIN (alt1234
Abnormal Brief Report Full Captioned Full Reports Medicine Procedures‡ Dripatient Encounters/GAF † harmacy t‡	AMLODIPINE BESYLATE 5MG TAB AMLODIPINE BESYLATE 5MG	1 10		-	06/04/2010	o6/03/2009 o6/03/2009	Date		INLOES,SONJA		BY MOUTH EVERY DAY TAKE ONE-HALF TABLET BY MOUTH EVERY DAY INSERT ONE SUPPOSITORY IN	NwHIN (alt1234 NwHIN (alt1234 NwHIN (alt1234 NwHIN
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Some reports require you to enter the date range before the report will appear. This is the case for queries that have the potential to return very large amounts of data or where filtering the data lends usability to the report. Summaries, such as Discharge, Lab, some Order summaries, and both of the Med Admin Hx and Med Admin Log reports, tend to generate large volumes of data. Narrowing the date range for a report for a patient's summary data may improve the speed of the data retrieval

Some reports that do not require a date range include the following: Sites, Care Team, Allergies, Appointments, Patient Inquiry, Patient Demographics, Patient Insurance, Dietetics Profile, Blood Bank, Daily Order Summary, Medications, Outpatient Rx Profile, All IV, and Imaging

File Edit View Favorites Iools	<u>H</u> elp		VistAWeb: P	atient Record	×	-	Ē		10	-		- □ ×
vista₩®	Lab Su	Immary	Report(s	a [_		medica	al record 💼
Logoff	Patient Se	election										
v™VTA ■ Sites	· ·											
Care Team Allergies* Appointments	Report T	/pe: ^O Cum	ulative 🔘 A	II Tests by D	ate 🔘 Microl	biology 🔘 A	Anatomic I	Pathology 🔘 Bl	ood Bank	Lab Status		
Patient Information Visits/Admissions Dietetics Consults and Procedures	Date Rar	© Toda ge:	© One ^{ay} Week	© Two Weeks	© On Month		Two nths	© Six Months	© One Year	Two Years	 All Dates 	Query
Consults (DoD Remote Data Only) Discharge Summaries‡ Laboratory ‡ Autopsy	E Cheyen		alt Lake City	. UT San	Francisco, C	A						_
Blood Availability Blood Transfusion Blood Bank Report Surgical Pathology	Salt L	ake City,	UT									
Cytology Electron Microscopy				CBC/DIE	F PROFILE							
Lab Orders Chem & Hematology Microbiology	BLOOD	10/23 2012 12:48	10/02 2012 11:13	09/06 2012 11:33	08/06 2012 11:08	07/13 2012 12:21	Units	Reference Ranges				
Lab Summaries Pathology Studies (Non-VA Only) Categories Anatomic Path Reports Medicine ±	WBC RBC HGB	9.42 H 3.5 L 11.0 L	9.06 H 3.5 L 11.2 L	7.39 3.4 L 10.8 L	8.12 3.3 L 10.2 L	5.75 3.6 L 10.8 L	K/uL M/uL G/dL	3.5 - 8.3 4.6 - 5.8 14.1 - 17.7	-			
Orders Orders Outpatient Encounters/GAF Pharmacy *‡	HCT MCV MCH MCHC	34.8 L 100.9 H 31.9 31.6 L	34.8 L 100.3 H 32.3 32.2 L	34.2 L 100.0 H 31.6 31.6 L	31.1 L 95.7 31.4 32.8 L	34.1 L 95.3 30.2 31.7 L	fL pg g/dL	41 - 51 82 - 96 27 - 35 33 - 36.4				
■ Problem List‡ ■ Progress Notes‡ ■ Other Notes	RDW PLT MPV	31.6 L 21.8 H 307 11.8 H	23.9 H 286 11.8 H	24.4 H 287 11.9 H	22.4 H 283 12.5 H	21.6 H 237 12.7 H	K/uL fL	11.5 - 14.5 140 - 420 6.5 - 9				
E Radiology 1 Warning! Avoid using "Back" butto	NEUT. % LYMP. % MONO. %		75.6 H 9.1 L 6.7	65.8 17.5 L 8.4	77.2 H 10.7 L 7.1	70.1 H 16.7 L 9.7 H	9 9	40 - 70 20 - 40 1 - 9				-

Figure 25: Date Range for Lab and Other Large Volume Reports

Data Grid Style of Report

The data grid style of report presents data in the form of a grid or table, with the data being retrieved and displayed according to a specified date range. The data for most of the tables can then be sorted in multiple ways. The underlined column headers indicate which columns may be used for sorting. Report data is generally retrieved and presented with the most recent date at the top, descending to the earliest date at the bottom. For some reports, Vitals for example, data from multiple sites is presented strictly by date, without consideration for the site. For some other reports, Problem List for example, the problems from multiple sites are displayed by status (active first) and then in descending date order for one site and then descending order for the next site, and so on. Then inactive problems are listed if there are any. In most of the reports that have a date column, clicking the date won't change the sorting of that column unless some other sort, alphabetical, for example, had been done which upset the descending date order.

Data Grid with Additional Details

The data grid permits you to view additional details about a selected item in a row. In this example, Progress Notes titles are listed in VistAWeb. To view the actual text of the note, click on the Title link for the note of interest.

Figure 26: Progress Notes

vista #B	Progress Notes			CPRSPATIENT,	OUDE (333-55-7777)			medical record
Logoff	Patient Selection							This page uses pop-up windows. Click here for help on enabling pop-ups.
VTA Sites Care Team Allergiest‡ Appointments	Date Range: From: (mm/dd/yyyy)	Two 1	Weeks	One Month Two To: (mm/dd/yyy		One Year 🔿 Two Y	ears 🔘 All Dates	Query
Dietetics Consults and Procedures † ‡	Maximum Number/Site: 50 All Reports A maximum of 50 notes per site (plus asso <u>Print Report</u>		addend	a) will be displayed reg	ardless of the number of	notes available with	n the specified date range.	
listories and Questionnaires (DoD Remote Data Only)	Title	Icon	AWIV	Z Date	Author	Location	Site	
aboratory †‡	MEDICAL SERVICE PROGRESS NOTE			08/17/2004 10:26	WHATEVER, DENNIS L	LOWER PC	Columbus, OH	
Anatomic Path Reports	MEDICAL SERVICE PROGRESS NOTE			08/17/2004 10:26	WHATEVER, DENNIS L	LOWER PC	Salt Lake City, UT	
Orders Dutpatient Encounters/GAF †	MEDICAL SERVICE PROGRESS NOTE			08/17/2004 10:26	WHATEVER, DENNIS L	LOWER PC	Boston HCS	
harmacy †‡	PHYSICAL THERAPY CONSULT REPORT		-	08/20/2004 09:10	WHATEVER, BYRON L	TELEPHONE PT/OT	Salt Lake City, UT	
Problem List <u>†</u> ‡ Progress Notes <u>†</u> ‡	PHYSICAL THERAPY CONSULT REPORT			08/20/2004 09:10	WHATEVER, BYRON L	TELEPHONE PT/OT	Columbus, OH	
ther Notes adiology 11	PHYSICAL THERAPY CONSULT REPORT			08/20/2004 09:10	WHATEVER, BYRON L	TELEPHONE PT/OT	Boston HCS	
urgery Reports‡ ital Signst1	Report #1	1		09/12/2012 17:26			NwHIN (alt1234)=	
ealth Summaries (Non-VA)‡	Report #2		-	09/12/2012 17:26			NwHIN (alt1234):	
ealth Summaries (BHS) ealth Summaries (SLC)	Report #3			09/12/2012 17:26			NwHIN (alt1234):	
Realth Summaries (COS) Refresh Patient Data arming: Avoid using "Back" button	[back to toa]							

When you click on the Title link, the detail of the selected note appears in a pop-up box, represented in the example below. Click on the Print or Close buttons to effect the desired action.

Figure 27: Progress Note Title link (AWIV – Imaging details)

File Edit View Favorites Tools Help		
🛅 🕶 🔝 👻 🖶 👻 Page 🕶 Safety 🕶 Tools 🕶 (0- A N	
vista #8	Progress Notes	Progress Note Detail Webpage Dialog
Logoff	Patient Selection	p-up wind abling pop-
 ₹ VTA		Print Copy to Clipboard Close
Sites		4
Care Team	🗇 Today 💿 One Week 💿 Two Week	3 CPRSPATIENT, DUDE (333-55-7777)
Allergies†‡ Appointments	Date Range:	Qu
Appointments Patient Information	Date Range: From: (mm/dd/yyyy)	
Visits/Admissions †		MEDICAL SERVICE PROGRESS NOTE
Dietetics	Maximum Number/Site: 50 O All Reports	Site: Columbus, OH
Consults and Procedurest1	A maximum of 50 notes per site (plus associated adder	
Consults (DoD Remote Data Only)†	Print Report	
Discharge Summaries		
Histories and Questionnaires (DoD Remote Data Only) †	Title Icon AWIV	a
Laboratory †‡	MEDICAL SERVICE PROGRESS NOTE	This is a report
Anatomic Path Reports		
II Medicine ‡	MEDICAL SERVICE PROGRESS NOTE	o User Class: No user class for this timestamp
Orders Outpatient Encounters/GAF †	MEDICAL SERVICE PROGRESS NOTE	d l
Pharmacy t1	PHYSICAL THERAPY CONSULT REPORT	
Problem Listt		
Progress Notest‡	PHYSICAL THERAPY CONSULT REPORT	G [Tacktote] Print Copy to Clipboard Close
D Other Notes	PHYSICAL THERAPY CONSULT REPORT	Dacktotop Print Copy to Clipboard Close
Radiology †‡	Report #1	
Surgery Reports: Vital Signs:	Report #2	
Vital Signs 11 Health Summaries (Non-VA)1		2
Health Summaries (BHS)	Report #3	9
Health Summaries (SLC)		
Health Summaries (COS)	[back to top]	
Refresh Patient Data		
† - Pages with BHIE data (Dept. of Defense)		
+ - Pages with Sine data (experies Detense)		
Warning! Avoid using "Back" button		

Figure 28: Imaging Report

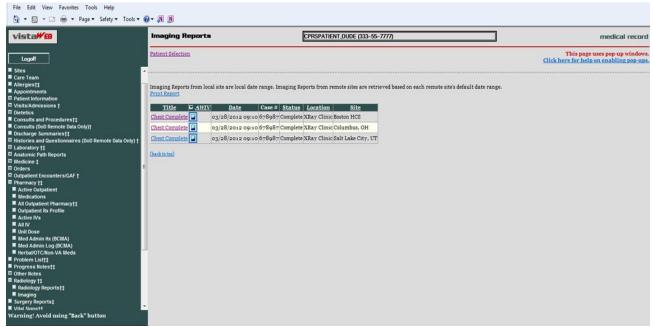
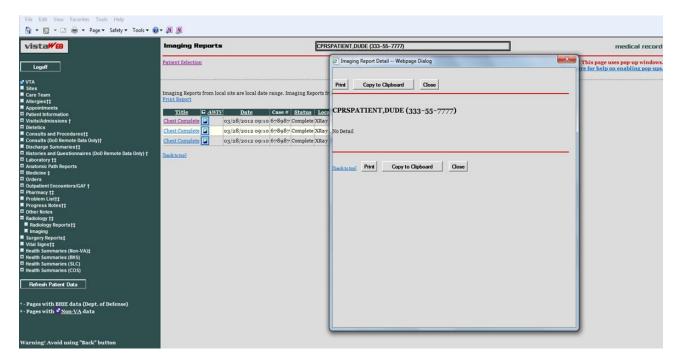


Figure 29: Imaging Report Details



Vital Signs Report

In the following Vital Signs example report, note that three of the Site column listings display Home Telehealth (HT) as the site where the vitals were taken. The HT indicates the data was supplied through the HT interface.

ista ₩®	Vital Signs						SPATIE	NT,DUDE	333-55	-7777)		medical	
Logoff	Patient Selection												
TA Tes													
re Team	Data Ranna	and the second		O Two V	Veeks 🧕	One Mc	nth 🕤	Two Month	O So	Months	One Year O	Two Years 🔘 All Dates	
ergies†‡ pointments	Date Hange: From: (mm/dd/yyyy)						To: (mm/dd/yyyy)						
ient Information													
its/Admissions †	Date range inform		NWHIN	data									
tetics	Vitals Grid Vitals	Graph											
nsuits and Procedures†‡ Insuits (DoD Remote Data Only)†										-			
harge Summariest	Date Date	TEMP	PULSE	RESP	BP	肚	Wt	Pain P	X C/O	G CVP	Blood Glucose		
ories and Questionnaires (DoD Remote Data Only)	99/99/9999 99:99	ERROR										NwHIN (alt1234)*	
ratory 11	01/24/2011 14:22	_	55		150/100							NwHIN (alt1234)=	
oratory 11 omic Path Reports	01/24/2011 14:22		60		140/80							NwHIN (alt1234)=	
cine ‡	01/24/2011 14:22		60		140/80							NwHIN (alt1234)‡	
rs	01/24/2011 14:22		55		120/90							NwHIN (alt1234)#	
ntient Encounters/GAF † nacy †1	01/24/2011 14:22		55		150/100				-			NwHIN (alt1234)#	
em Listti	01/24/2011 14:22		55		120/90							NwHIN (alt1234)#	
ress Notes†‡	01/24/2011 14:21	100.0	55		120/90				-			NwHIN (alt1234)=	
Notes				-			_		_			NwHIN (alt1234)*	
logy †‡ rry Reports‡	01/24/2011 14:21	100.0							_				
Signst1	01/24/2011 14:10	99.6	55	-	121/81		150.0	99		_		NwHIN (alt1234)=	
h Summaries (Non-VA)‡	01/24/2011 14:10	99.6	55	25	121/81	75.0	150.0	99	.0			NwHIN (alt1234)‡	
h Summaries (BHS) h Summaries (SLC)	01/24/2011 14:08		60		130/91			99	0			NwHIN (alt1234)=	
h Summaries (SLC) h Summaries (COS)	01/24/2011 14:08		55		130/91							NwHIN (alt1234)*	
	01/24/2011 14:08		50		141/101							NwHIN (alt1234)*	
resh Patient Data	01/24/2011 14:08		60		141/101	-						NwHIN (alt1234)=	
-	01/24/2011 14:08		55		122/82		-		-		-	NwHIN (alt1234)*	
			20	1						-	-		

When you select the Date link of an HT site from the Vital Signs screen, additional information is provided about the method of data entry, qualifiers, vitals measuring devices, and that data standardization has been accomplished for this vital sign record.

Figure 31: Details of HT Standardized Vitals

Print Copy to Clipbo	ard	Close			
WPATIENT, ONE (000-	00-000)			
7ital Signs for 10/31/2006	14:28				
Category	Result	Units	Methods	Qualifiers	Device
BLOOD PRESSURE	150/80	mmHg		L LEG, CUFF-MANUAL, TRENDELENBURG, ADULT CUFF	
PULSE OXIMETRY	5.0	%SpO2	supp O2, 18 l/min, 25 %	AFTER EXERCISE	
CIRCUMFERENCE/GIRTH	15.0	in		LOWER ARM, LEFT	
CENTRAL VENOUS PRESSURE	35.0	cmH2O			
HEIGHT	75.0	in		ESTIMATED BY ARM SPAN	
PAIN	5				
PULSE	25	/min		BILATERAL PERIPHERALS, AUSCULTATE, SEMIFOWLERS, LEFT	
RESPIRATION	25	/min		CPAP, STANDING	
TEMPERATURE	100.0	F		RECTAL	
WEIGHT	175.0	lb		WITHOUT PROSTHESIS, STATED	

If the vitals data is coming from the Health Data Repository – Interim Messaging Solution (HDR-IMS) repository, but was not entered through the HT interface, the Details – Web Page Dialog will show the letter S in the Standardized column and any other data that was entered through the Vitals package that maps to other column headings. In the following example, the Methods and Qualifiers for supplemental oxygen that was delivered to the patient are shown.

Figure 32: Details of Non-HT Standardized Vitals

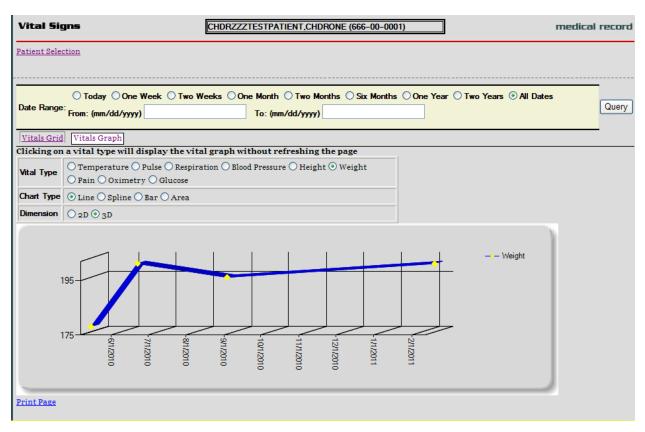
Print Copy t	o Clipbo	ard	Close			
vital Signs for 05/0	09/2006	10:00				
Category	Result	Units	Methods	Qualifiers	Device	Standardized
BLOOD PRESSURE	127/99	mmHg				S
						S
PAIN	3					
PAIN PULSE	3 89	/min				S
			3 l/min, 67 %, supp O2	AMBU BAG		S S
PULSE	89		3 l/min, 67 %, supp O2	AMBU BAG		
PULSE PULSE OXIMETRY	89 89	, %SpO2	3 l/min, 67 %, supp O2	AMBU BAG		S

If the vitals data is coming from the HDR-Historical database or a VistA site, the Standardized column does not display the letter S and no data is supplied for Units, Methods, Qualifiers, or Device. If for some reason the HDR databases are inaccessible, VistAWeb still polls the VistA sites where the patient has been seen and will return any available requested data for display.

Figure 33: Details of Non-Standardized Vitals

🖲 Details Web Pa	age Dialog 🛛 🔀
Print Copy to Clipboar	rd Close
VITALSPT, THREE	1:58
Category	Result Units Methods Qualifiers Device Standardized
BLOOD PRESSURE	160/80
CENTRAL VENOUS PRESSURE	85
CIRCUMFERENCE/GIRTH	15
HEIGHT	67
PAIN	5
PULSE	
PULSE OXIMETRY	99
RESPIRATION	25
TEMPERATURE	102
WEIGHT	150
[back to top] Print Cop	by to Clipboard Close

Figure 34: Vitals Graphing



Data Grid with Copy to Clipboard Option

The following example of a Medications report lists a variety of medications and their statuses, along with Copy to Clipboard button. Providers often find it useful to copy lists of active and suspended medications to a patient note. When you click the mouse on the Copy to Clipboard button, the list of Active and Suspended medications is automatically copied to the clipboard and grouped by Status. Discontinued and expired medications are not copied.

NOTE: When you do a copy to clipboard, this data is available to other web pages, which poses a patient safety issue, since patient information can be seen by other web pages

In V8, users can set up an option that does not allow the clipboard data to be available to other web pages.

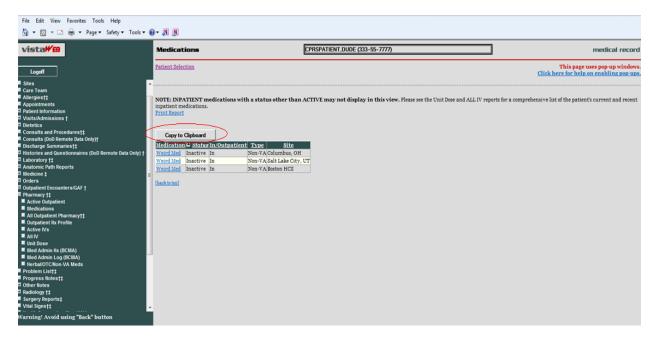


Figure 35: Copy to Clipboard

The list can be pasted into another document or a Progress Note within CPRS

VistA CPRS in use by: File Edit View Action Options To	ools Help			_ 🗆 :
TESTPATIENT	UC Current Provider Not Selected	GM-TEAM 4	Flag Remote Data	No Posting
ast 200 Signed Notes	ALEUTEROL 90 ASPIRIN SING NITROCLYCERI FLUOXETINE H INSULIN NPH INSULIN SYRI ALCOHOL PREP ACCU-CHER CO CLIPIZIDE SM SIMVASTATIN LISINOPRIL S METFORMIN HC	RGENT CARE-DAYS MCG 200D ORAL INHL - ACTIVE (Ann Arbor, EC TAB - ACTIVE (Ann Arbor, HI) PAN-KOS) SOOMG SA TAB - ACTIVE (Ann N 0.4HG SI TAB - ACTIVE (Ann Arbor, CL 20MG CAP - ACTIVE (Ann Arbor, HUMAN 100 U/HL INJ NOVOLIN N - ACTIVE NGE 0.5HL LOW DOSE 29G 0.5IN - ACTIVE PAD - ACTIVE (Ann Arbor, HI)	h Arbor, MI) MI) (Ann Arbor, MI) (Ann Arbor, MI) h Arbor, MI)	Change
Encounter New Note	<no encounter="" inf<="" td=""><td>iormation entered></td><td></td><td></td></no>	iormation entered>		
	ers Notes Consults Surgery I	D/C Summ Labs Reports		

Figure 36: Medications from VistAWeb Pasted into CPRS Progress Note

Note: *VistAWeb displays Non-VA and Herbal/OTC medications if applicable. In the following screen capture of a Medication report, the Type field has one medication listed as Non-VA*

Figure 37: Non-VA Medications

Copy to	Clipboard			
Medication	🛎 Status	In/Outpatient	Туре	Site
Weird Med	Inactive	In	Non-VA	Columbus, OH
Weird Med	Inactive	In	Non-VA	Salt Lake City, UT
Weird Med	Inactive	In	Non-VA	Boston HCS

Department of Defense Reports

VistAWeb version10 added the following:

- 1. Detailed display for DoD data for the Outpatient Pharmacy report. The following fields are displayed in the detailed display:
 - Medication
 - Start Date/ Time
 - Stop Date/ Time
 - Current Status
 - Order #
 - Medication Instructions
 - o Sig
 - Days Supply
 - o Quantity
 - Refills
 - Pick Up
 - Dispense Comments.

Figure 38: Outpatient Pharmacy detailed display

🗿 Details Web Page Dialog		×
		^
Print Copy to Clipboard	Close	
VWPATIENT,ONE (000-00-0	000)	
Medication:	OXYCODONE HCL 5MG/ACETAMINOPHEN 325MG TAB	
Start Date/Time:	11/05/2008	
Stop Date/Time:	12/05/2008	
Current Status:	EXPIRED	
Order:	15243406	
Medication Instructions:	BY MOUTH	
Sig: Take 1-2 Tablets by Mouth	H TWO TIMES A WEEK FOR PAIN	
Days Supply:	D15	
Quantity:	30	
Refills:	0	
Pick Up:	MAIL	
Dispense Comments:		
[back to top] Print Copy to	o Clipboard Close	
		×

- 1. Three new reports under Pharmacy:
 - Active Outpatient
 - Active IV report
 - o Herbal/OTC/Non-VA Meds

Figure 39: Active Outpatient Medications - Grid

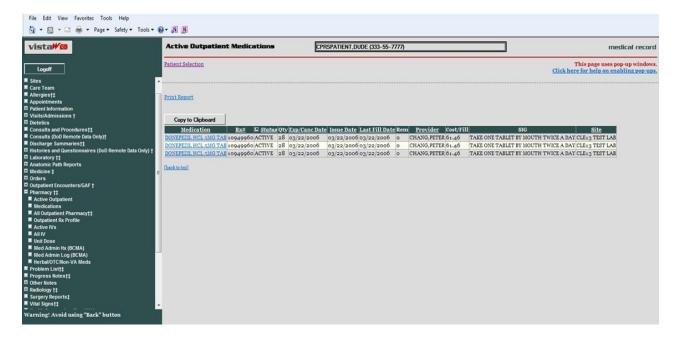


Figure 40: Active Outpatient Medications - Details

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	00.0000)	
WPATIENT, ONE (000	-00-0000)	
ACETAMINOPHEN TAB 325	nc	
	JTH EVERY 6 HOURS AS NEEDED	
Quantity: 300 Refills:	3	
Activity: 08/31/2009 13-49 New	Order entered by ^{VWPROVIDER,ONE} (PATHOLOGIST)	
Order Text:	ACETAMINOPHEN TAB 325MG	
order rexo.	TAKE TWO TABLETS BY MOUTH EVERY 6 HOURS AS NEEDED	
	Quantity: 300 Refills: 3	
Nature of Order:	ELECTRONICALLY ENTERED	
Elec Signature:	VWPROVIDER, ONE (PATHOLOGIST) on 08/31/2009 13:50	
Current Data:		-
Treating Specialty:		
Ordering Location:	A CARDIO/RESEARCH	
Start Date/Time:	08/31/2009	
Stop Date/Time:	09/01/2010	
Current Status:	ACTIVE	
	ve or have been accepted by the service for ietetic orders are active upon being	
	ders are active when the order is verified,	
	e when the sample has been collected,	
	active upon registration.	
Order #28013577		
Order:		
Medication:	ACETAMINOPHEN TAB 325MG	
Instructions:	650MG ORAL Q6H PRN	
Sig:		
	MOUTH EVERY 6 HOURS AS NEEDED	
Days Supply: Quantity:	90 300	
Quantity: Refills:	300	
Pick Up:	y WINDOW	
Priority:	ROUTINE	
		Comp.

Figure 41: Active IV

vista #£ 8	Active IV	WWPATIENT, TWO (666-66-6666)	medical record
Logoff	Patient Selection	This page uses pop	p-up windows. <u>Click here for help on enabling pop-up</u> s
VTA VT VT	Print Report	<u>Stop Date</u> Rate Schedule Additive 9/07/2009 24:00 AM & AFTERNOON	5 Solutions Site DOPAMINE 400 MG IN D5W 250 ML CLE13 TEST LAB

Figure 42: Herbal / OTC / Non-VA Meds

Patient Selection This page uses pop-up windows. Click here for help on enabling Consults and Procedures † Consults (DOD Remote Data OMy † Print Report Distories and Questionnaires (DOD Remote Data Only) † Laboratory Consults and Questionnaires (DOD Remote Data Only) † Laboratory OTHER NON-VA MED: ENTER NAME IN Outpatient Encounters/GAF Pharmacy 2 Outpatient Encounters/GAF Pharmacy 3 Auto Outpatient Rk Profile Active Outpatient 2 Madications A All Outpatient Rk Profile Active IVs A duit OCMA) Med Admin Hx (BCMA) Progress Motes † Progress Motes † Problem List † Properses Motes † Progress Motes †	sta₩£₿	Herbal/OTC/Non-VA Meds	VWPAT	TENT, ONE (000-00-0	000) <u>.</u>	medic	al record
■ Consults (DoD Remote Data Only) † ■ Discharge Summaries † El histories and Questionnaires (DoD Remote Data Only) † ■ Active Data Only) † ■ Active Commented By Medicine © Others NON-VA MED: ENTER NAME IN © OthER NO	Logoff	Patient Selection	This page	e uses pop-up win	dows. <u>Click here for</u>	help on enabli	ng pop-up:
Only 1 I bischarge Summaries 1 Bischarge Summaries 1 Bischarge Summaries 1 Cobernote Data Only 1 Calaboratory Canadomic Path Reports OTHER NON-VA MED: ENTER NAME IN COMMENTS MISCELLANEOUS Active 0 Conduction Coupatient Encounters/GAF Pharmacy 1 Medications Medications Medication E Med Admin Ldg (GCMA) B Problem List 1 Other Noles	nsults and Procedures † 🛛 🔀	1					
Pischarge Summaries 1 Print Report Status Data Only 1 Print Reports Ca Anatomic Path Reports OTHER NON-VA MED; ENTER NAME IN Active 08/31/2009 Documented By Date Date Date Date Date Date Documented By Date Dc'd SIG SIG Others Ca Outpatient Encounters/GAF Patrice Outpatient Medications Medications Image: Date Date Date Date Date Date Date Date	sults (DoD Remote Data						
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Surgery Reports	gery Reports						
Vital Signs †*							

- 2. In response to PSPO 832:
 - Added a new centered heading "Site Connection Summary" followed by the date and time in parenthesis

Example: "Site Connection Summary (12/19/2008 10:06AM)"

- Added the following two notes above the tables that display a list of the sites that VistAWeb could / could not connect to:
 - Data for this patient can be retrieved from the following sites:
 - Data for this patient cannot be retrieved from the sites shown below due to network or remote system problems. To attempt to reach those systems again, please see the message field below and/or re-select the patient":

Department of Defense (DoD) Reports, cont'd

VistAWeb version 9 added reports to retrieve and display data received through the BHIE Framework from DoD for the following:

- Family Histories
- Social Histories
- Other Histories
- Questionnaires.

Users can select a date range and specify the number of observations, and the BHIE real-time DoD data and DoD pre-separation data within these parameters are displayed in VistAWeb for the above mentioned reports.

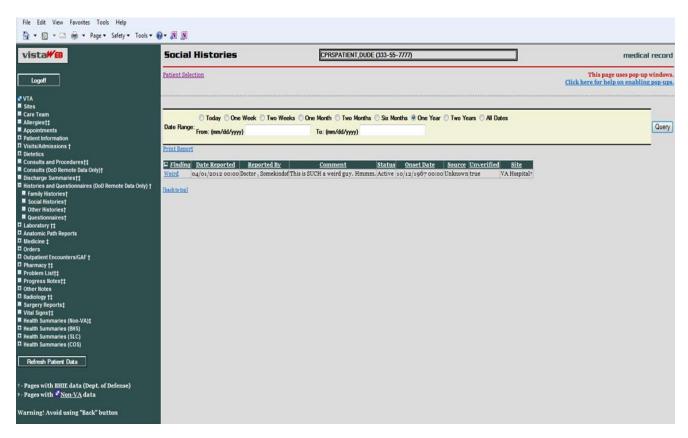


Figure 43: Dept of Defense Reports – Social Histories

When the "Finding" window is clicked, a new window with details pops up.

Figure 44: Dept of Defense Reports – Details

🕘 Details Web Page Dialog	×
Print Copy to Clipboard Close	^
BHIEPATIENT,A ONE (000-00-1101)	
Date Reported 09/15/2008 13:03 Finding beer consumption (bottles per day) Comment	
Date/Time of Onset Unknown Source LONG, MILES MEDCIN Finding ID 3732 Reported By LONG , MILES Unverified (Reported By Patient) No Facility: 4th Medical Group	III
Pacificy: 4th healcal Group [back to top] Print Close	×
105-3	

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Figure 46: Dept of Defense Reports – Other Histories Details

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BHIEPATIENT,A ONE (000-00-1101)	
Date Reported 09/12/2008 13:23	
Finding	
allergies Comment	
Encounter	
Date/Time of Onset	
08/12/2007 00:00 Source	
PROVIDER	
MEDCIN Finding ID	
3390	
Reported By	
BHIEPROVIDER, ONE Unverified (Reported By Patient)	
No	
Facility: 4th Medical Group	
	~

Figure 47: Dept of Defense Reports – Questionnaires

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Details Web Page Dialog	×
Print Copy to Clipboard Close	^
BHIEPATIENT,A ONE (000-00-1101)	
Date Reported 10/03/2008 00:00 Questionnaire Title	
BHIE - Heache Entered By BHIEPRO¥IDER, ONE	
Questionnaire Report 	
Created On:10/03/2008 Owner: LINDA, PROVIDER	
Patient: BHIEPATIENT, A ONE	
General Comments: testing Comment By: BHIEPRO¥IDER, T₩O Comment Date:09/04/2008	
Date questionnaire completed (Enter answer using the following format "dd mmm yyyy")	~

Figure 48: Dept of Defense Reports – Questionnaires Details

Other Past Medical Histories report from DoD

HART Report from Department of Defense

The report referenced by the HART Health Assessment Review Tool (HART) Report is comprised of answers, "findings", to a health assessment questionnaire (health indicator data including physical activity, overweight and obesity, substance abuse, etc.). Although this is originally entered in a question and answer format, the report is stored and displayed simply as "findings" (no longer associated with questions). The report is displayed in VistAWeb as **"Other Past Medical Histories".**

Data displayed on the HART report was not truncated in the Comment column, so the entire report appeared making the row unreasonably tall.

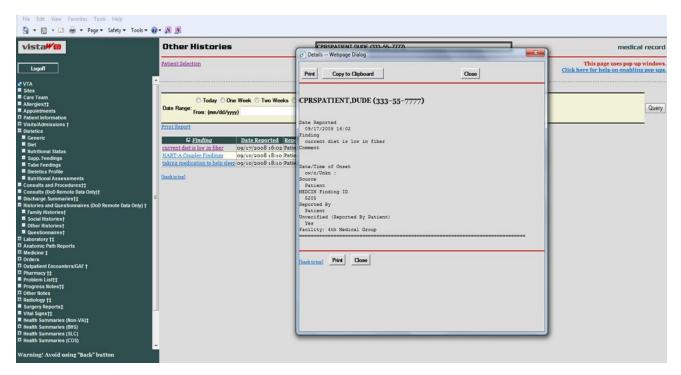
The report will now have similar truncating for HART data as is done in CPRS. This will reduce the size of the report and make it easier for the user to read. The entire text of the comment field will be available in the detailed display window.

The display of the "Comment" field will be restricted to 30 characters in the grid view of the "Other Past Medical Histories" report in VistAWeb.

File Edit View Favorites Tools Help	0- A N									
vista # 8	Other Histories		CPRSPA	TIENT,DUDE (333-55-7777)]		medical record
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II Health Summaries (BHS) II Health Summaries (SLC) II Health Summaries (COS) Warning! Avoid using "Back" button										

Figure 49: Comment Field

Figure 50: Detailed Display



Non-VA Health Summaries

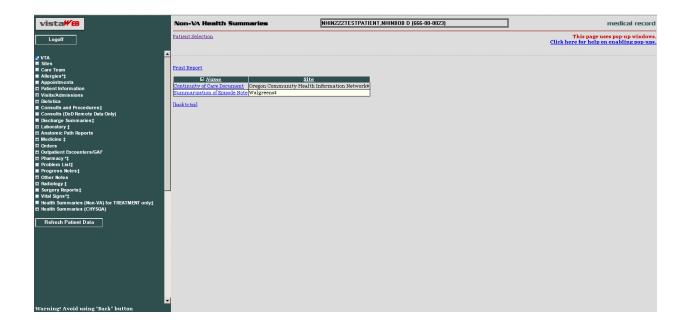


Figure 51: Non-VA Health Summaries

Details for Non-VA Health Summaries

File Edit View Favorites Tools Help 🚹 🔹 🔝 👻 🖃 🖶 💌 Page 🔹 Safety 💌 Tools 🕶 🔞 💌 🐧 vista₩€₿ CPRSPATIENT, DUDE (333-55-7777) Medicine Procedures medical record This page uses pop-up windows Click here for help on enabling pop-up Patient Selection Logoff VTA Care Te 💿 Today 💿 One Week 💿 Two Weeks 💿 One Month 💿 Two Months 💿 Six Months 💿 One Year 💿 Two Years 💿 All Dates Date Range: From: (mm/dd/yyyy) Query To: (mm/dd/yyyy) Date range information for <u>NWHIN data</u> Print Report rest‡ Procedure Name Date Summary Site ERROR 99/99/9999 99:99 ERROR NwHIN(alt1234)* [back to top] ory t‡ Matornic Path Medicine ‡ Abnormal Brief Report Full Captione Full Reports Medicine Pro rest ers patient Encou rmacy †‡ blem List†‡ gress Notes iters/GAF † es†‡ r Notes ay tt stt aries (Non-VA)‡ aries (BHS) aries (SLC) pid using "Back" button

Figure 52: Display of Aggregated Reports Procedures

This is a grid-type report. Columns can be sorted and the Reactant link will open up another box and provide more info

vista [#] ®	Allergies		CPRSP/	ATIENT, DUDE (333-55-7777)	medical record
Logoff	Patient Selection				This page uses pop-up windows Click here for help on enabling pop-up:
2 VTA Sites Care Team Allergiestt Apopointments	Date range information for <u>Print Report</u>	<u>SwHIN data</u>			
Patient Information Visits/Admissions t	Reactant	Allergy Type	Verification Date	Observation/Historical	Site
Dietetics Consults and Procedurest	BACTRIM	- Not Available -	05/27/2009 04:22		NwHIN (alt1234):
Consults (DoD Remote Data Only)† Discharge Summaries†‡	BACTRIM	- Not Available -	05/27/2009		NwHIN (alt1234);
Histories and Questionnaires (DoD Remote Data Only) Laboratory ##	CODINE	- Not Available -	05/27/2009 04:23		NwHIN (alt:234):
Anatomic Path Reports	CODINE	- Not Available -	05/27/2009 04:23		NwHIN (alt1234):
Orders Outpatient Encounters/GAF † Pharmacy t1	EGGS	- Not Available -	05/26/2009 02:33		NwHIN (alt1234):
Problem Listt: Progress Notest:	EGGS	- Not Available -	05/26/2009 02:33		NwHIN (alt1234):
Other Notes Radiology †‡ Surgery Reports‡	ERROR		99/99/9999 99:99		NwHIN (alt1234):
Vital Signs†‡ Health Summaries (Non-VA)‡	ERROR				Unable temporarily to connect to DoD repository. Please call the AAC Help Desk at $888\cdot_{32}6\cdot_{67}8\circ$ to report this issue.*
Health Summaries (BHS) Health Summaries (SLC)	ERYTHROMYCIN/MACROLIDES	- Not Available -	06/18/2009 10:51		NwHIN (alt1234):
Health Summaries (COS)	ERYTHROMYCIN/MACROLIDES	- Not Available -	06/18/2009 10:51		NwHIN (alt1234):
Refresh Patient Data	FISH	- Not Available -	06/18/2009 12:49		NwHIN (alt1234):
Warning! Avoid using "Back" button	FISH	- Not Available -	06/18/2009		NwHIN (alt1234):

Figure 53: Allergies Report

Figure 54: Allergies Report – Details

	ATIENT,CHDRONE (666-00-0001)
Causative agent: PEN Nature of Reaction:	
	NAUSEA, VOMITING (9/14/09) CONFUSION
Drug Classes:	CEPHALOSPORIN 1ST GENERATION CEPHALOSPORIN 2ND GENERATION CEPHALOSPORIN 3RD GENERATION PENICILLIN-G RELATED PENICILLINS PENICILLINASE-RESISTANT PENICILLINS EXTENDED SPECTRUM PENICILLINS CEPHALOSPORIN 4TH GENERATION (INACTIVE) PENICILLINS, AMINO DERIVATIVES
	ONLOES, SONJA (BAY PINES TEST LAB)
	May 06, 2010@12:44
Verified: Observed/Historical:	<auto-verified> Historical</auto-verified>
back to top] Print	Copy to Clipboard Close

This is a variation on the grid-style of report displayed earlier; adding in the max number/site default of 50 or user can select all reports

ista # ®	Chem & Hema	tology		IMA	GPATIE	NT711,71	1 (000-00-0711)		medical record
Logoff	Patient Selection								This page uses pop-up windows. Click here for help on enabling pop-ups,
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idmissions s	Maximum 50	All Reports							
a and Procedures	Number/Site: 50	ports per site will be displa	nod manual	are of the s	mahar	af namanta	awailahla within th	a manified data same	
ults (DoD Remote Data Only)	Print Report	ports per site will be displa	yeu regaru	less of the i	lumber	or reports	available within th	ie specified date range.	
arge Summaries									
tory	Test Name	icon 🖬 Date	Specime	n Result	Flag	Units	Ref Range Com	ment <u>Site</u>	
sy Availability	MONOS	07/26/2006 04:30	BLOOD	6		8	5.9-12.9	SALT LAKE CITY	
nsfusion	EOSINOPHILS			2.4	L	96	4.8-2.4	SALT LAKE CITY	
Report	LYMPH %	and the second se	BLOOD	28	-	%	11.9-43.1	SALT LAKE CITY	
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opy	MPV		BLOOD	9.9		cmu	6.4-10.4	SALT LAKE CITY	
ору	NEUTROPHILS	07/26/2006 04:30	BLOOD	63		%	38.1-75	SALT LAKE CITY	
	EOSIN#	07/26/2006 04:30	BLOOD	0.1		K/cmm	0.00-0.33	SALT LAKE CITY	
	EASO#	07/26/2006 04:30	BLOOD	0		K/cmm	0.00-0.10	SALT LAKE CITY	
	MONO#	07/26/2006 04:30	BLOOD	0.4	-	K/cmm	0.13-0.83	SALT LAKE CITY	
orts	BASO		BLOOD	0.3		%	0-1.65	SALT LAKE CITY	
	LYMPH=		BLOOD	1.7	-		0.80-3.10	SALT LAKE CITY	
			and the second second					and the second statement of the second second	
/GAF	HGB(HB)	07/26/2006 04:30	BLOOD	13.4			11.2-15.6	SALT LAKE CITY	
IGAF							35-46.5	SALT LAKE CITY	
s/GAF	HCT	07/26/2006 04:30	BLOOD	39-2		%			
rsiGAF			BLOOD	39.2		Section and the section of the secti	3.73-5.2	SALT LAKE CITY	
IGAF	HCT	07/26/2006 04:30				Section and the section of the secti	3.73-5.2		
rs/GAF	HCT REC	07/26/2006 04:30 07/26/2006 04:30	BLOOD	4.2		M/cmm K/cmm	3.73-5.2	SALT LAKE CITY	
	HCT REC NEUTRO# WEC	07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30	BLOOD BLOOD BLOOD	4.2 3.9 6.1		M/cmm K/cmm K/cmm	3-73-5-2 1-3-6-2 3-2-9-5	SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY	
	HCT BBC NEUTRO= WBC PLT	07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30	BLOOD BLOOD BLOOD BLOOD	4-2 3-9 6.1 139	L	M/cmm K/cmm K/cmm K/cmm	3.73-5.2 1.3-6.2 3.2-9.5 152-375	SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY	
(s.c)	HCT BBC NEUTROS WEC PLT EDW	07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30	BLOOD BLOOD BLOOD BLOOD BLOOD	4.2 3.9 6.1 139 13.3	L	M/cmm K/cmm K/cmm K/cmm	3.73-5.2 1.3-6.2 3.2-9.5 152-375 10.7-14.1	SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY	
s (SLC)	HCT REC NUTRO= WEC PLT EDW MCHC	07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30	BLOOD BLOOD BLOOD BLOOD BLOOD BLOOD	4.2 3.9 6.1 139 13.3 34.3	L	M/cmm K/cmm K/cmm K/cmm % %	3.73-5-2 1.3-6-2 3.2-9-5 152-375 10.7-14-1 32.8-35.7	SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY	
s (SLC) Data	HCT BEC NEUTROS VIEC ELT BDV MCHC MCY	07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30	BLOOD BLOOD BLOOD BLOOD BLOOD BLOOD BLOOD	4.2 3.9 6.1 139 13.3	L	M/cmm K/cmm K/cmm K/cmm % % cmu	3.73-5.2 1.3-6.2 3.2-9.5 152-375 10.7-14.1 32.8-35.7 77.1-98.5	SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY	
xcounters/GAF t tes naries (SLC) dient Data . HTDP Jata oid using "Jack" button	HCT REC NUTRO= WEC PLT EDW MCHC	07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30 07/26/2006 04:30	BLOOD BLOOD BLOOD BLOOD BLOOD BLOOD	4.2 3.9 6.1 139 13.3 34.3	L	M/cmm K/cmm K/cmm K/cmm % % cmu	3.73-5-2 1.3-6-2 3.2-9-5 152-375 10.7-14-1 32.8-35.7	SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY SALT LAKE CITY	

Figure 55: Chem and Hematology Grid-style report

This popular report pulls data from HDR/DoD/NwHIN sites; default is 15 months with the ability and disclaimer to pull all results.

/ista#68	All Outpatient		[CPRSP.	ATIENT, DUDE	(333-55-7777)					medi	cal recor
Logoff	Patient Selection									cli	This page uses pop- ck here for help on enabl	up window ing pop-u
/TA Sites Care Team Ukerglest1 Spointments Satent Information /initu.Admissions 1 Dietetics Consults and Procedurest1 Consults (boD Remote Data Only)1 Scharge Summariest1	Date Range: ® 15 Months O The data is limit retrieve.) Date range information for Print Report	ted with Ex	piration Date of	f the dr	ug to the date	es specified. To	get mor	e data,	select a different date rang	e (broader date	e ranges will take longer to	Que
listories and Questionnaires (DoD Remote Data Onl	y) Copy to Clipboard						Last		1			
Laboratory †‡ Anatomic Path Reports	Medication	<u>Rx#</u>	≌ <u>Status</u>	Qty.	Exp/Canc Date	Issue Date	Eill Date	Rem	Provider	Cost/Fill	SIG	Site
Medicine ‡ Abnormal Brief Report	ERROR					99/99/9999						NwHIN (alt1234)
Full Captioned Full Reports	AMLODIPINE BESYLATE 5MG TAB	762887	ACTIVE	30	06/04/2010	06/03/2009			INLOES,SONJA		TAKE ONE-HALF TABLET BY MOUTH EVERY DAY	NwHIN (alt1234)
ledicine Procedures‡ Jers	AMLODIPINE BESYLATE 5MG TAB	762887	ACTIVE	30	06/04/2010	06/03/2009			INLOES,SONJA		TAKE ONE-HALF TABLET BY MOUTH EVERY DAY	NwHIN (alt1234)
Itpatient Encounters/GAF † armacy †‡ Active Outpatient Medications	GLYCERIN (ADULT) RTL SUPP	762886	ACTIVE	24	05/30/2010	05/29/2009			INLOES,SONJA		INSERT ONE SUPPOSITORY IN RECTUM DAILY	NwHIN (alt1234)
All Outpatient Pharmacy†‡ Dutpatient Rx Profile Lctive IVs	GLYCERIN (ADULT) RTL SUPP	762886	ACTIVE	24	05/30/2010	05/29/2009			INLOES,SONJA		INSERT ONE SUPPOSITORY IN RECTUM DAILY	NwHIN (alt1234
ll IV nit Dose Jed Admin Hx (BCMA) Ied Admin Loa (BCMA)	IBUPROFEN 100MG/SML	1401068	ACTIVE	120	05/27/2010	05/26/2009			INLOES,SONJA		TAKE 400 MILLIGRAMS BY MOUTH THREE TIMES A DAY WITH FOOD FOR 7 DAYS	
ning! Avoid using "Back" button	TRUBBOTEN							1			TAKE 400 MILLIGRAMS	

Figure 56: ALL OUTPATIENT PHARMACY PROFILE

On this report, you can click on Report links to see the total report from a partner.

vista #EB	Non-VA Health Summaries	NHINZZZTESTPATIENT,NHINBOB D (666-00-0023)	medical record
Logoff	Patient Selection		This page uses pop-up windows. <u>Click here for help on enabling pop-ups.</u>
VTA Site Care Team Altrights*1 Altrights*1 Append Information UnisitAdmissions Consuits (DoD Femote Data Only) Detection Consuits (DoD Femote Data Only) Decharge Summarket; Consuits (DoD Femote Data Only) Decharge Summarket; Consuits (DoD Femote Data Only) Decharge Summarket; Contrained Informatics; Contrained Inf	Erini Report <u>A Varie Continuity of Cares Document Desch toto Desch toto Desch toto </u>	<u>Ste</u> ty <u>Health Information Network</u>	
Warning! Avoid using "Back" button			

Figure 57: Non-VA Health Summaries (C32 and/or C62)

Figure 58: Non-VA Health Summaries (C32 and/or C62) - Details

Print Copy to Clipbo	ard	Close	•			
CHDRZZZTESTPATI	IENT,CHDRONE	(666-00-0001)				
		Mar	y Immaculate Hospita	d		
		Sum	marization of Episode Not	te		
Created On: August 25, 20	11					
1 L	CHDRONE CHDRZZ 234 HOWARD ST. A JOLLA, CA, 92038 el: PATIENT PHON		Pat	ient ID: 666000001		
	March 3, 1960			Sex:M		
	English			Sex. W		
Source: N	Mary Immaculate Hospital	I				
Table of Contents • Allergies Adverse • Encounters • History of medica • Problem list • Procedures • Results	tion use					
Allergens - Count (4)	Verification Date	Event Type	Reaction	Severity	Source	
Actonel		Drug Allergy				
OXYCODONE-ACETAMIN	OPH	Drug Allergy				
00015387		Drug Allergy	00015387			
OXYCODONE-ACETAMIN	OPH	Drug Allergy				
	,	, 0 8				

Encounters

NOTE: Click on the Encounter Comments field to display/hide additional data where applicable

Date/Time - Count (4)	Encounter Type	Encounter Comments	Provider
Oct 27, 10	Inpatient encounter		I AIRUIAN, R. I.
May 10, 10	Inpatient encounter		FIORE, STEVEN

VistAWeb Timeout

VistAWeb has a 15-minute inactivity timeout, which disconnects you from the current session if you don't respond to the 2-minute Web Page Dialog Countdown. Click the *Don't close VistAWeb* button to reset the timer to 15 minutes. Click the *Close VistAWeb* button to exit VistAWeb immediately

🖲 Countdown Web P	age Dialog 🛛 🔹 💽 🔀
vista₩€₿	Timeout
VistaWeb has not been used for 1 unless you click the "Don't Close" Time Remaining Until Vista	
Mins: Secs:	
0 55	
Don't close VistaWeb	Close VistaWeb

Figure 59: VistAWeb Timeout Dialog Box

If you allow VistAWeb to timeout, the following IE dialog box is displayed telling you that VistAWeb is trying to close the window. If you click the No button, an empty IE window will remain. If you want to continue to use VistAWeb, you will have to reestablish your connection, and since VistAWeb will bring up the new session in a new window anyway, you should click the Yes button to eliminate this empty window.

Figure 60: IE Close Dialog

Micros	soft Internet Explorer 🛛 🔀
2	The Web page you are viewing is trying to close the window.
~	Do you want to close this window?
	Yes <u>N</u> o

Under some circumstances, VistAWeb will cease operations. This is usually related to running a standalone session and a spawned session of VistAWeb at the same time. When this occurs, you will be presented one of the following messages indicating an appropriate course of action for you to pursue.

Figure 61: Empty Session Message – Rerun VistAWeb

Empty Session	medical record
There is no current patient. If you have cancelled an o timed out, you will have to rerun VistAWeb.	exit operation or

Figure 62: Empty Session Message – Use a Different Browser Window

Empty Session medical record	
This page has no current patient. You need to close this window and use the other browser window(s) you have open to use VistAWeb.	>

Glossary: Acronyms, Abbreviations, and Definitions

Term	Definition
AWIV	Advanced Windows Imaging Viewer
BHIE	Bidirectional Health Information Exchange
CCOW	Clinical Context Object Workgroup
CPRS	Computerized Patient Record System
DoD	Department of Defense
FHIE	Federal Health Information Exchange
HDR	Health Data Repository
HDR II	Health Data Repository II – final stage of project to develop and deploy an HDR
HDR- IMS	Health Data Repository-Interim Messaging Solution
HITSP	Healthcare Information Technology Standards Panel
HL7	Health Level 7
HT	Home Telehealth
IE	Internet Explorer (Microsoft)
IHS	Indian Health Service
IRM	Information Resource Management
ISO	Information Security Officer
LHR	Legal Health Record
MPI	Master Patient Index
NwHIN	Nationwide Health Information Network
RDV	Remote Data View
RPC	Remote Procedure Call
URL	Uniform Resource Locator (internet address)
VA	Department of Veterans Affairs
VAMC	Department of Veterans Affairs Medical Center
VHA	Veterans Health Administration
VISN	Veterans Integrated Service Network
VistA	Veterans (Health) Information Systems and Technology Architecture

Definitions

http://vaww.oed.wss.va.gov/process/Library/master_glossary/masterglossary.htm

Term	Definition
Application	Designated individuals responsible for user-level management and
Coordinator	maintenance of an application package, such as CPRS or Laboratory.
	Also abbreviated as ADPAC (Automated Data Processing Application
	Coordinator) or CAC (Clinical Application Coordinator)
Austin Information	The AITC (a.k.a. Austin Automation Center (AAC)) provides
Technology Center	comprehensive e-government solutions to match the critical needs of
(AITC)	VA and other federal agency customers, from managing data to
	automating business processes. The AITC supports over 100 customer
	applications that provide mission\ critical data for financial
	management, payroll, human resources, logistics, medical records,
	eligibility benefits, and supply functions.
Business Owner	A key stakeholder (individual or entity) that is accountable for the
	business outcomes for a particular existing or new Information
	Technology (IT) system and has the final authority on project scope,
	deliverables, quality, risks, and change management processes.
C32	NwHIN Health Summary documents
	HITSP definition: The HITSP Summary Documents Using HL7
	Continuity of Care Document (CCD) Component describes the
	document content summarizing a consumer's medical status for the
	purpose of information exchange. The content may include
	administrative (e.g., registration, demographics, insurance, etc.) and
	clinical (problem list, medication list, allergies, test results, etc.)
	information. This specification defines content in order to promote
~ ~ ~	interoperability between participating systems.
C62	NwHIN Clinical Note documents
	HITSP definition: The HITSP Unstructured Document Component is
	provided for the capture and storage of patient identifiable,
	unstructured document content, such as text, PDF, and images rendered
	in PDF. It is based on the Cross-Enterprise Sharing of Scanned
	Documents (XDS-SD) Integration Profile from the Integrating the
	Healthcare Enterprise (IHE) IT Infrastructure Technical Framework
	(ITI-TF).
Computerized	The Computerized Patient Record System (CPRS) is a VistA
Patient Record	application that enables users to enter, review, and continuously
System	update all the information connected with any patient. In addition,
	CPRS supports clinical decision-making, with order-checking,
	alerts, clinical reminders, and patient record flags.

The development, adoption, implementation, and verification of standard terminology within VA software applications to promote interoperability of patient record data between VA and non-VA healthcare providers and to ensure that clinical decisions are based on each patient's entire medical record. Program scope includes standard clinical and administrative terminologies for both current and future VA software applications. (Also see data standardization.)
Medical areas such as Allergies, Consults, Notes, Laboratory, Medical Procedures, etc. An area of knowledge or activity characterized by a family of related systems. An area of knowledge or activity characterized by a set of concepts and terminology understood by practitioners in that area.
The double dagger is a symbol that is displayed next to VistAWeb domains to indicate that NwHIN (non-VA) data is available.
ESE replaces Testing Service, IVV, and Enterprise Infrastructure Engineering (EIE)
The Federal Health Information Exchange (FHIE) Program is a Federal IT health care initiative that facilitates the secure electronic one-way exchange of patient medical information between Government health organizations. The project participants are the Department of Defense (DoD) and the Department of Veterans Affairs (VA).
The Healthcare Information Technology Standards Panel is a cooperative partnership between the public and private sectors. The Panel was formed for the purpose of harmonizing and integrating standards that will meet clinical and business needs for sharing information among organizations and systems.
A repository of clinical information normally residing on one or more independent platforms for use by clinicians and other personnel in support of patient-centric care. The data is retrieved from heritage, transaction-oriented systems and is organized in a format to support clinical decision-making in support of patient care. Formerly known as Clinical Data Repository.
Health Level Seven is one of several American National Standards Institute (ANSI) -accredited Standards Developing Organizations (SDOs) operating in the healthcare arena.
Initial Operating Capability (IOC) Testing (formerly known as field testing) is when a product/system that has been modified/enhanced is placed into a limited production (live) environment, which includes a minimum of three test sites of varying size/complexity, in order to test the new features and functionality of the product/system and to ascertain if the features and functionality perform as expected and do not adversely

Requirements	User needs that trigger the development of a program, system, or project. Requirements may be business, functional, and/or system needs. They are documented in detail in the Requirements Specifications Document (RSD) document.
Subject Matter Experts (SME)	Persons representing application development/functional requirements.
User Acceptance Testing (UAT)	UAT is a type of acceptance test that involves end-users as testers. User Acceptance Test (1) exercises the functionality of the application using test data in a controlled test environment and (2) evaluates the usability of a component or system. The Program Manager may invite Product Support to participate in this evaluation.
Veterans Health Administration (VHA)	VHA facilities are divided into geographical regions called VISNs. In the 1990s VHA organized into 22 administrative VISN regions. VISN 20 services veterans in Alaska, Idaho, Oregon, and Washington. However each individual facility continued to maintain its own clinical database (VISTA); the databases were not integrated as a VISN. In 1997-98 VISN 20 began an initiative called CHIPS, to develop a VISN wide information system for decision support, performance measuring and population studies.
VHA Health Information Model (VHIM)	VHIM is an enterprise-wide initiative developed to guide the re- engineering of VHA systems. It is a UML-based model that classifies and represents data elements, including their relationships and constraints. The VHIM mitigates risk of project failure by creating standardized service payloads that all systems will understand. It is a computationally independent model, meaning it can be transformed to different implementations – such as XML, Java, Delphi, etc. It is the authoritative source for semantics and information structure for VHA.
Veterans Health Information Systems And Technology Architecture (VISTA)	 A term used to describe the VA's health care information system. It encompasses in-house developed applications developed by VA staff (see Decentralized Hospital Computer Program), office automation applications, locally developed applications, and commercial-off-the- shelf applications. VISTA is the largest healthcare system in the world and is extremely complex. The majority of the historical VISTA documentation is out of date and does not provide the detailed information needed by development teams. The development of the current VISTA environment occurred by evolution and was triggered by needs; it was not designed as a whole system. Therefore, the software code, relationships, data structure, and infrastructure were developed incrementally, in individual applications and functions, and are very interdependent.