

After Visit Summary

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Introduction

After Visit Summary (AVS) VA Loma Linda Healthcare System

The screenshot shows the VA After Visit Summary (AVS) application window. At the top, it displays the title 'After Visit Summary' and the subtitle 'Cpres Physician (LOMA LINDA HCS)'. Below this, it shows the patient information: TEST,PATIENT | 000-00-1234 | Jan 1, 1970 (43). The encounter is listed as 11.JANE BYRNE/Module 4. The window is last refreshed on Sep 22, 13@13:17:00. On the right side, the Department of Veterans Affairs logo is visible.

Today's Visit

Clinics Visited • 13:30 - Dr. Byrne, Module 4
• 15:00 - Li/Surg/Pod/Wound Limb/Wed

Providers • PROVIDER,JANE

You Were Diagnosed With

- Essential hypertension
- Obesity
- Dyslipidemia
- Cholelithiasis without obstruction
- Smoker
- Coronary arteriosclerosis
- Ankylosing spondylitis
- Hypersomnia with sleep apnea
- Dyspnea
- Chronic obstructive lung disease
- Diabetes mellitus type 2
- Gastroesophageal Reflux Disease

Vitals as of This Visit

- Blood Pressure: 128/54
- Body Mass Index: 34.58
- Pain: 7
- Pulse Oximetry: 96 (Room Air)
- Pulse: 66
- Respirations: 18
- Temperature: 98.1 F
- Weight: 233.7 lb

Immunizations • FLU,3 YRS

New Orders From This Visit

Please report to the lab for the following blood tests on the date listed for each test:

01/16/2014

- Basic Metabolic Panel (Chem 7) Blood Serum
- Hemoglobin A1c (Lab) Blood
- Lipid Profile Blood Serum
- Hepatic Function Panel Blood Serum

Other Orders

- Return To Clinic In 4 Months

Important Notes

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Welcome

AVS Online User Guide

Welcome to the After Visit Summary (AVS) online user guide.

This documentation is designed to help familiarize you with the features and usage of the After Visit Summary (AVS) software. Use the menu to the left to browse the help topics.

This documentation is also available as a [PDF download](#).

Additional user and technical support may be obtained by contacting Rob Durkin:

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Introduction

As many patients and clinicians have experienced, patients tend to forget most of what they are told during outpatient visits. In fact, patients forget 40% to 80% of the information from healthcare providers. Of what patients do remember, they remember about half incorrectly¹ and the more information they are given, the less they remember². Moreover, patients desire more information than they typically receive about their illnesses and treatment plan³. Poor retention of the treatment plan leads to non-adherence, medication errors, missed appointments and perceptions of miscommunication with the provider.

Clinical summaries of outpatient visits are a means to provide patients with the information they need after a visit with their healthcare provider⁴. The federal government recognizes the importance of this form of communication since the clinical summary, known as the After Visit Summary (AVS), is part of the meaningful use criteria that determines reimbursements for electronic health record implementation to physicians and hospitals.^{5,6} The Veterans Administration (VA) has committed to seeking meaningful use certification of the Veterans Health Information Systems and Technology Architecture (VistA) through its open source software development and an AVS would be needed to meet that certification⁷. What is currently available as an AVS through VistA and the Computerized Patient Record System (CPRS) is not adequate due terminology and formats that are neither patient-centered or patient-friendly.

In previous studies, a printed AVS has been shown to enhance patient trust and confidence in their physician⁸ and contribute to patient satisfaction.⁵ Despite the fact that combining oral and written information is more effective than using either oral or written information alone⁹, a printed AVS may be anachronous to the trend towards electronic health records. Personal Health Records (PHR's) provide patients with electronic access to their health record and may increase patients' engagement in their healthcare¹⁰. However, while the use of PHR's is increasing not all patients have access to them. In fact, most veterans have not registered for the VA's MyHealtheVet website and of those who have, only about 25% have full access to their records to include progress notes, prescriptions, secure messaging and other personal health information¹¹. Even when patients have access to a PHR, patients access the AVS more frequently than other information available to them.¹²

The AVS has been selected by the Veterans Health Administration (VHA) Innovations Selection Board and approved by the Veterans Administration (VA) Undersecretary for Health to be funded for national deployment. The VA Loma Linda Healthcare System Informatics Team is working closely with the VA's Virtual Lifetime Electronic Record (VLER) program on national deployment including uploading the AVS to MyHealtheVet (MHV) and MHV Secure Messaging. This manual provides instructions for the use of the current version of the AVS.

- 1 Kessels, RPC. Patient's memory for medical information. Journal of the Royal Society of Medicine, May 2003; 96: 219-223.
- 2 McGuire, LC. Remembering what the doctor said: organization and adults' memory for medical information. 1996;22(4): 403-428.
- 3 Tang PC, Newcomb, C. Informing patients: a guide for providing patient health information. JAMIA 1998;5(6): 563-570.

- 4 Throop C, The Ix After-Visit Summary (AVS), Center for Information Therapy. October 2009
- 5 Jha AK, et al A progress report on electronic health records in US hospitals . Health Affairs 2010: 29(10): 1951-1957
- 6 Centers for Medicare and Medicaid Services, Stage 2, Eligible Professional, Meaningful Use Table of Contents, Core and Menu Set Objectives, <https://www.cms.gov/Regulations-andGuidance/Legislation/EHRIncentivePrograms/downloads/EP-MU-TOC.pdf>
- 7 Conn J. Modern Healthcare. October 25, 2012. <http://www.modernhealthcare.com/article/20121025/NEWS/310259956>, accessed May 2013
- 8 Tang PC, Newcomb, C. Informing patients: a guide for providing patient health information. JAMIA 1998;5(6): 563-570.
- 9 Coulter A. Patient engagement – what works? J Ambulatory Care Manage.2012; 35(2): 80-89.
- 10 Archer N, Fevrier-Thomas U, Lokker C, McKibbon KA, Straus SE. Personal health records. A scoping review. JAMIA 2011; 18:515-532.
- 11 VHA Support Service Center (VSSC). https://securereports2.vssc.med.va.gov/ReportServer/Pages/ReportViewer.aspx?%2fSecureMessaging%2fSM_Penetration&rs:Command=Render , Accessed October 31, 2013
- 12 Ralston JD, Carrell, D, Reid R, Anderson M, Moran M, Hereford J. Patient web services integrated with a shared medical record: patient use and satisfaction. JAMIA 2007; 14:798-806.

Purpose

Purpose of the After Visit Summary (AVS)

- Promote patient-centered, outpatient care
- Summarize medications, appointments, tests, patient education material and other instructions
- Enhance communication
- Engage patients in their care
- Improve recall of medical instructions
- Meet electronic health record Meaningful Use criteria

Feature Summary

The AVS is automatically populated with data from CPRS and includes the following features:

- AVS is a web-based interface launched from the CPRS Tools menu
- Provides a summary of the visit, including diagnoses, vitals, new orders, upcoming appointments, provider comments/instructions, as well as information pertaining to the patient's ongoing care, including the primary care provider, allergies, and the patient's medication list.
- Encounters over last 60 days are available, with most recent encounter auto-selected.
- Integration with Clinical Context Object Workgroup (CCOW) for synchronization of patient context switching with CPRS.
- Auto-refresh every 3 minutes (a refresh button is available for when additional orders are placed in CPRS in order to update the AVS manually).
- AVS may be printed to a Windows printer as well as to a network printer.
- A stub note may be automatically created in CPRS indicating that an AVS was provided to the patient.
- AVS is automatically uploaded as a PDF document to VistA Imaging when the AVS is first printed.
- Provider may add free-text instructions for the patient.
- Provider may edit the AVS and add/modify/delete content.
- Option to include lab results and graphs of labs and vitals.
- Sections of the AVS may be toggled on or off.
- Support for multiple languages.
- Option for provider to lock the AVS to allow other users to view but not change content.
- Integration with Krames-on-Demand (automatic look up of relevant patient education handouts based on provider-entered ICD-codes, search of the Krame's library, and patient education handout printing directly from the AVS).
- Translation engine that allows for replacing orders and locations with patient-friendly text.
- Option to include clinical services information (service name, location, phone, hours of operation) in printouts.
- Customizable header and footer.
- Customizable disclaimers for facility, clinic, and provider.
- AVS patient print-out includes
 - Clinic visit information (Clinic location, provider, date, time)
 - Diagnoses (from the completed CPRS encounter form)
 - Vitals signs from the clinic visit
 - New orders from the clinic visit (consultations, lab tests, medications, including new orders, changes, and renewals, imaging, and text orders)
 - Upcoming appointments (local and remote)
 - Free text Instructions
 - Primary care provider and team
 - Allergies/adverse reactions (local and remote)
 - Updated medication list (local and remote)
 - Patient education handouts
 - Lab results
 - Selected data graphing
 - Optional patient info (demographics, smoking status, preferred language)
 - Optional clinical services information

AVS is:

- Patient-friendly
 - Enhances patient-centered, outpatient care by improving communication
- Provider -friendly
 - Automatically imports visit information, diagnoses, orders, allergies/adverse reactions, appointments and medications
 - Provides free-text entry and integration with Krames-on-Demand patient education

Getting Started

The topics in this section will familiarize you with the AVS workflow, including how to launch the AVS from the CPRS Tools menu, and what the AVS interface looks like. You'll also learn how to select a patient encounter from the drop-down list. Finally, you'll see a full example of an AVS document.

AVS Workflow

The AVS is flexible enough to support various clinical workflows according to what works best for the provider and clinic. For example, the provider may wish to run the AVS on his/her desktop computer alongside CPRS and interact directly with the AVS for customizations such as free-text instructions and education content. In this workflow the provider may also print the AVS and take the opportunity to review the AVS with the patient at the conclusion of the visit.

In other clinics it may work better to have the AVS printed by clinic staff who provide the printout to the patient as he/she is checking out.

Another option is to have the AVS printed and mailed to the patient some time after the encounter.

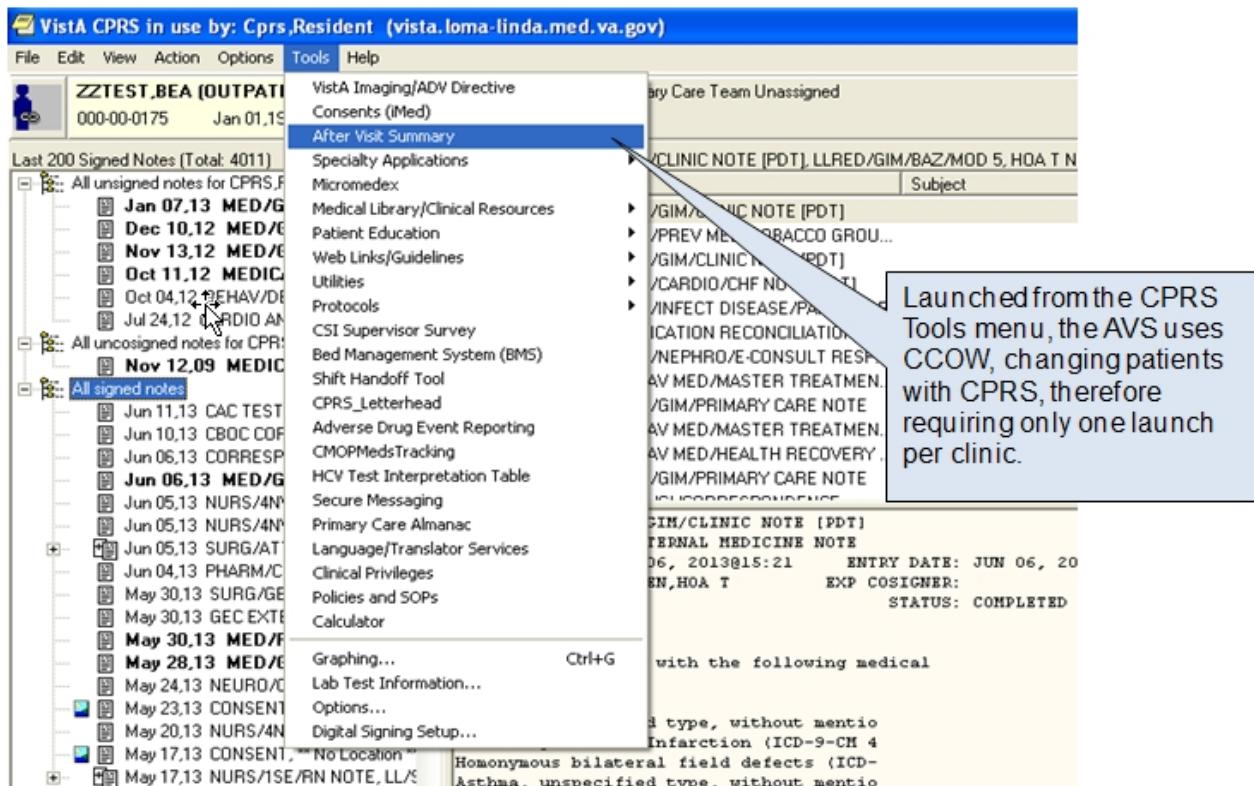
No matter what workflow is adopted, what is important is that the provider has started the encounter note (it doesn't need to be completed or signed) and all orders must be entered and the encounter form completed in CPRS before the AVS is printed.

The standard workflow for the AVS is as follows:

- **Provider**
 - Starts encounter note
 - Completes orders
 - Completes encounter
- **Data**
 - Automatically pulled in to AVS
 - Auto-refresh every 3 minutes, manual refresh available
- **Additional instructions (optional)**
 - Free-text instructions
 - Krames-on-Demand Education Sheets
- **Completed AVS**
 - Printed to Windows printer or network printer
 - Stub note is automatically created in TIU/CPRS
 - PDF copy of the AVS is sent to VistA Imaging

Launching the AVS

AVS is launched from the CPRS Tools menu. AVS will automatically change patients in sync with CPRS.



View of AVS at Launch

The following screen capture shows the AVS interface.

The AVS is a standalone interface that is launched from, but separate from, CPRS.

The screenshot shows the 'After Visit Summary' window. At the top, it displays the title 'After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)', the patient information 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)', and the date 'Last Refreshed Sep 28, 16@08:21:18'. Below this is a toolbar with buttons for 'Edit Instructions', 'Edit AVS', 'Options', 'Krames', 'Print', and 'PDF'. The main content area is titled 'After Visit Summary' and includes the patient's name, DOB, visit date, and date generated. It also lists the clinic visit details, providers, reason for visit, and diagnoses. The VA logo and 'U.S. Department of Veterans Affairs' are visible in the top right corner.

After Visit Summary

PATIENT,TEST
DOB: Jan 1, 1970 (46y)
Visit date: September 06, 2016
Date generated: September 28, 2016 08:21
LOMA LINDA HCS

VA | U.S. Department of Veterans Affairs

Today's Visit

Clinic Visits Sep 06, 2016 08:00 - LOM PACT MOD 4 MD 5 / ESCOBAR,FRANCISCO
/ BYRNE,JOHN M
/ BYRNE,JOHN M

Providers

- ESCOBAR,FRANCISCO - LVN
- BYRNE,JOHN M - ASSOCIATE VP/EDUCATION

Reason For Visit

- Low back pain

You Were Diagnosed With

- Low back pain
- Essential hypertension
- Gastroesophageal Reflux Disease
- Diabetes mellitus type 2
- Depressive disorder
- Chronic headache disorder
- Dyslipidemia
- Posttraumatic stress disorder
- Urolithiasis
- Degeneration of lumbar intervertebral disc
- Diverticular disease
- Kidney stone
- Benign prostatic hyperplasia

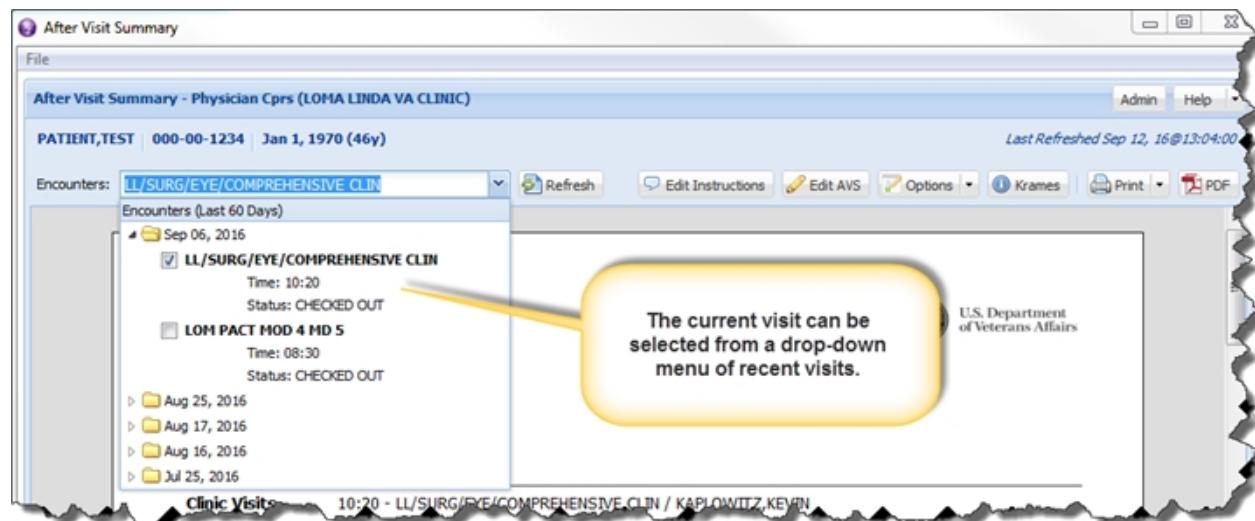
Vitals as of This Visit September 06, 2016

Visit Selection

AVS loads the patient's encounters for the past 60 days and automatically displays the encounter that most closely matches the current date and time.

A different encounter can be selected from the combo box. Click the Refresh button after selecting another visit.

Multiple encounters for the same date may be selected, for example when the encounters are related.



Example AVS

The following are example AVS documents complete with lab results and charts.

AVS Sections

This section of the user guide will introduce you to each of the section of the AVS document.

Header

The header, displayed at the top of the AVS document, displays the patient name, date of birth and age, the visit date, date the AVS was generated, and the facility name.

The format and content of the header may be customized for a facility in the administration interface.

The header displays the patient name, date of birth and age, visit date, date the AVS was generated, and the facility name.

Visit Info, Diagnoses, Vitals

The "Today's Visit" section includes information relevant to the current visit.

The following screen capture points out the sections that contain the visit and provider information, the patient's diagnoses, and vital signs.

The screenshot shows the VA After Visit Summary (AVS) interface. At the top, it displays the title 'After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)', the patient ID 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)', and the date 'Last Refreshed Sep 28, 16@08:24:58'. Below this is a toolbar with options like 'Edit Instructions', 'Edit AVS', 'Options', 'Print', and 'PDF'.

The main content area is titled 'After Visit Summary' and contains the following sections:

- PATIENT,TEST**: DOB: Jan 1, 1970 (46y), Visit date: September 06, 2016, Date generated: September 28, 2016 08:24, LOMA LINDA HCS.
- Today's Visit**:
 - Clinic Visits: Sep 06, 2016 08:00 - LOM PACT MOD 4 MD 5 / ESCOBAR,FRANCISCO / BYRNE,JOHN M / BYRNE,JOHN M
 - Providers: ESCOBAR,FRANCISCO - LVN, BYRNE,JOHN M - ASSOCIATE VP/EDUCATION
 - Reason For Visit: Low back pain
- You Were Diagnosed With**: A list of conditions including Low back pain, Essential hypertension, Gastroesophageal Reflux Disease, Diabetes mellitus type 2, Depressive disorder, Chronic headache disorder, and Dyslipidemia. To the right is a list of other conditions: Posttraumatic stress disorder, Urolithiasis, Degeneration of lumbar intervertebral disc, Diverticular disease, Kidney stone, and Benign prostatic hyperplasia.
- Vitals as of This Visit**: September 06, 2016. A list of vital signs: Blood Pressure: 149/88, Pulse: 62, Pulse Oximetry: 97 (Room Air), Respirations: 16. To the right is a list of vital signs: Temperature: 97.9 F, Weight: 207.2 lb, Body Mass Index: 28.16, and Pain: 0.

Yellow callout boxes highlight specific sections:

- A box labeled 'Visit and provider information.' points to the 'Today's Visit' section.
- A box labeled 'Diagnoses entered in the CPRS encounter form.' points to the 'You Were Diagnosed With' section.
- A box labeled 'Latest vital signs.' points to the 'Vitals as of This Visit' section.

New Orders

The following screen capture shows the "New Orders From This Visit" section of the AVS. The orders section is categorized by type of order, including Consultations, Imaging, Lab Tests, Medications, and Text Orders.

After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y) Last Refreshed Sep 13, 16@07:59:27

Encounters: LOM PACT MOD 4 MD 5 Admin Help

New Orders From This Visit

Consultations

You will be contacted by mail or telephone for the following referrals:

- Rheumatology Consult

Orders for consultations and imaging studies are displayed.

Imaging

For CT and MRI scans, you will be contacted by Imaging Service for your appointment. For X-Rays and Ultrasound, please report to Imaging Service during normal working hours to complete your exam. If a specific preparation is required, the Technologist will inform you.

- Hand Right 2 View Axillary Bilateral Exam
- Hand Left 2 View Axillary Bilateral Exam
- Mri Brain W Brain Stem W/O & W Cont

Patient instructions pertaining to orders can be customized by each site.

Lab Tests

Please report to the lab for the following blood tests on the date listed for each test:

September 06, 2016

- Basic Metabolic Panel (Chem 7) Blood Serum - Lab Order #: 1091759
- Hepatic Function Panel Blood Serum - Lab Order #: 1091759
- Lipid Profile Blood Serum - Lab Order #: 1091759
- Hemoglobin A1c (Lab) Blood - Lab Order #: 1091759
- Cbc With No Diff Blood - Lab Order #: 1091759
- Vitamin B-12 Blood Serum - Lab Order #: 1091759
- Tsh Blood Serum - Lab Order #: 1091759
- Folate Blood Serum - Lab Order #: 1091759

Lab orders with scheduled date.

Medications & Supplies

Note: This section **only lists changes** to your medication regimen. Please see your complete medication list under **My Ongoing Care** below.

New Orders

- Amlodipine Tab 10mg

New medication orders and any changes to existing medications are displayed here.

Other Orders

- Nurse blood pressure check October 13

Text orders are included for such things as return visits, immunizations, nursing orders, etc.

Appointments

The Important Notes section includes future appointments and provider comments.

The following screen capture shows the upcoming local and remote appointments within the next three months. This time period is configurable by facility.

The screenshot shows the 'After Visit Summary' application window. The title bar reads 'After Visit Summary'. The main content area is titled 'Important Notes'. Under 'Upcoming Appointments', it lists scheduled appointments for the next three months. A callout bubble points to the 'Upcoming Appointments' section with the following text: 'Upcoming appointments within the next three months, both local and remote. Recall appointments are also displayed.'

Important Notes

Upcoming Appointments

Scheduled Appointments
Appointments in the next 3 months:

Tuesday, September 20, 2016
10:00 - LL/PM&R/KT SCI WELLNESS (LOMA LINDA HCS)
Clinic Location: 2E-18
10:30 - LL/MH/BHIP/GREEN/MD1 (LOMA LINDA HCS)

Wednesday, October 19, 2016
07:30 - LOM ACC DENTAL HYGIENE DAVIS (LOMA LINDA HCS)
Clinic Location: ACC D WING 2ND FLOOR

Recall Appointments

Please note that Recall appointments are not confirmed appointments. You will receive a reminder approximately 3 weeks before the Recall date to call and request the appointment. When you call, you will be assigned a confirmed appointment date and time.

Friday, November 04, 2016
LL/SURG/EYE/DM/TEL/IMG/AM/GL51 (LOMA LINDA HCS)
Clinic Location: BUILDING 51

Last Refreshed Sep 13, 16@08:59:57

Admin Help

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)

Encounters: LL/DERM/MEADOWS

Edit Instructions Edit AVS Options Krames Print PDF

Instructions

The provider may add free-text instructions for the patient.

The screenshot shows a computer interface for an 'After Visit Summary' at 'Physician Cprs (LOMA LINDA VA CLINIC)'. At the top, it displays 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)' and 'Last Refreshed Sep 13, 16 @08:59:53'. The main area is titled 'Instructions' and contains the following text:

Call Dr. Smith when you return from the Seattle area.
Please check your blood pressure three times per week and record it in the Blood Pressure Record book. After one month send the book back to Dr. Smith.

A yellow callout bubble points to the text with the instruction: 'Free-text instructions may be entered for display on the AVS.'

Primary Care Team

The "My Ongoing Care" section includes primary care provider and team, immunizations, allergies, and medications.

The following screen capture shows the patient's Primary Care Provider (PCP) and the Primary Care Team members.

The screenshot displays the 'After Visit Summary' application window. At the top, it shows the title 'After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)', the patient information 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)', and the date 'Last Refreshed Sep 28, 16@09:10:2'. Below this, there are several buttons: 'Encounters: LOM PACT MOD 4 MD 5', 'Refresh', 'Edit Instructions', 'Edit AVS', 'Options', 'Krames', 'Print', and 'PDF'. The main content area is titled 'My Ongoing Care'. It lists the 'Primary Care Provider' as 'Byrne,J M' and 'MOD 4 - PACT TEAM A'. The 'Primary Care Team' is listed as follows:

- BYRNE,JOHN M - PHYSICIAN
- FERMIN,DAYNE - REGISTERED NURSE (RN)
- TABARES,RYAN - LICENSED PRACTICAL NURSE (LPN)

Immunizations

The following screen capture shows immunizations administered to the patient over the past year.

The screenshot shows the 'After Visit Summary' window for a patient. The top bar displays the title 'After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)', the patient ID 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)', and the date 'Last Refreshed Sep 28, 16@08:49:18'. The 'Encounters' dropdown shows 'LOM PACT MOD 4 MD 5'. The main content area is titled 'Immunizations' and lists three entries:

- Influenza (Date: Dec 03, 2015, Facility: LOMA LINDA)
- Pneumonia (Date: Feb 16, 2016, Facility: LOMA LINDA)
- Pneumonia (Pneumovax 23) (Date: Feb 16, 2016, Facility: LOMA LINDA)

Allergies and Adverse Reactions

The following screen capture shows the patient's allergies and adverse drug reactions (local and remote), along with the corresponding signs and symptoms.

The screenshot shows the 'After Visit Summary' window for a patient. The top bar displays the title 'After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)', the patient ID 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)', and the date 'Last Refreshed Sep 13, 16@10:12:58'. The 'Encounters' dropdown shows 'LL/DERM/MEADOWS'. The main content area is titled 'Allergies and Adverse Drug Reactions (Signs / Symptoms)' and lists several entries:

- Aspirin Related Medications** (Gastroesophageal Reflux)
Documenting Facility: LOMA LINDA VA CLINIC
- Carvedilol** (Indigestion, Headache)
Documenting Facility: LOMA LINDA VA CLINIC
- Finasteride** (Dizziness)
Documenting Facility: LOMA LINDA VA CLINIC
- Minoxidil** (Dizziness)
Documenting Facility: LOMA LINDA VA CLINIC
- Morphine [morphine Sulfate]** (Nausea And Vomiting)
Documenting Facility: LOMA LINDA VA CLINIC
- Morphine** (Nausea And Vomiting)
Documenting Facility: LOMA LINDA VA CLINIC

A yellow callout bubble points from the text 'Patient's allergies and adverse drug reactions, both local and remote.' to the 'Allergies and Adverse Drug Reactions (Signs / Symptoms)' section.

Medications

Locally prescribed VA medications are displayed as well as remote medications and non-VA medications.

Medications are displayed in three columns, the first column including the medication name, the patient instructions, physical description, and a space for writing notes.

The second column includes the name and phone number of the dispensing pharmacy (or Non-VA) and the name of the prescribing provider (or documenting facility and provider in the case of non-VA meds).

The third column includes the pharmacy status, the start and stop dates, the quantity, refills remaining, expiration date, and last fill date.

The medications are sorted alphabetically by default, but can be sorted by facility or status from the Options menu.

After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y) Last Refreshed Sep 13, 16@10:37:10

Encounters: LL/DERM/MEADOWS Refresh Edit Instructions Edit AVS Options Krames Print PDF

My Medications

The medications listed below were reviewed with you by your provider and is provided to you as an updated list of medications. Please remember to inform your provider of any medication changes or discrepancies that you note. Otherwise, please continue these medications as prescribed.

Medication	Facility	Prescription Status
Acetaminophen Tab TAKE 500MG BY MOUTH EVERY 72 HOURS AS NEEDED Comment: OTC product for headache pain Notes:	NON-VA Documenting Facility & Provider: LOMA LINDA HCS LY,XUAN GRACE L	ACTIVE Start Date: 05/18/2016
Amlodipine Besylate 10mg Tab TAKE ONE TABLET BY MOUTH DAILY FOR BLOOD PRESSURE /// NOTE DOSE INCREASE /// Description: round, white, imprinted with V, 2110 Rx #: 6951827F Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE/SUSP Quantity: 90 for 90 days Refills Remaining: 2 Expires: Jun 2, 2017 Last Filled: Jul 9, 2016
Aspirin 81mg Ec Tab TAKE TWO TABLETS BY MOUTH DAILY WITH FOOD FOR BLOOD CLOT PREVENTION Description: round, yellow, imprinted with A Rx #: 82272988 Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE/SUSP Quantity: 120 for 60 days Refills Remaining: 1 Expires: Sep 7, 2017 Last Filled: Requested on Oct 3, 2016 but not yet released.
Atenolol 25mg Tab TAKE ONE TABLET BY MOUTH DAILY Rx #: 8240201A Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE/SUSP Quantity: 90 for 90 days Refills Remaining: 3 Expires: Sep 7, 2017 Last Filled: Requested on Nov 18, 2016 but not yet released.
Atorvastatin Calcium 40mg Tab TAKE ONE TABLET BY MOUTH AT BEDTIME FOR HIGH CHOLESTEROL ** REPLACES SIMVASTATIN ** Rx #: 7734515D Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE/SUSP Quantity: 90 for 90 days Refills Remaining: 3 Expires: Sep 7, 2017 Last Filled: Requested on Oct 13, 2016 but not yet released.

Locally prescribed VA medications, remote VA medications, and non-VA medications are displayed with instructions, last release date, quantity, refills, expiration date, last fill date

Physical descriptions of the medications are obtained from the VA's Medication Image Library (MIL).

After Visit Summary

PATIENT, TEST | 000-00-1234 | Jan 1, 1970 (46y)

Encounters: LOM PACT MOD 4 MD 5

My Medications The medications listed below were reviewed with you by your provider and updated list of medications. Please remember to inform your provider of any discrepancies that you note. Otherwise, please continue these medications.

Medication Facility

NON-VA
Doc: by Name
Prov: by Facility
LOM: by VA
BYRF: by Status

By default medications are sorted by medication name, but they may also be sorted by prescribing facility or by status.

Docusate Na 250mg Cap
TAKE ONE CAPSULE BY MOUTH TWICE A DAY
WHILE ON PAIN MED
Rx #: 8235521

LOMA LINDA PHARMACY
909-777-3259
Ordering Provider:
SHEILA WILSON, RED, D

Last Refreshed Sep 13, 16@12:56:27

Admin Help

Font Size Language Lab Results Clinical Charts Sections Displayed Sort Medications Clinical Service Descriptions Include VA Pharmacy Glossary Edit Patient-Friendly Translations Prevent other users from editing this sheet Refills Remaining: 0 Expires: Jul 15, 2016

Supplies

Locally and remotely prescribed supplies as well as those from non-VA sources are displayed.

Supply	Facility	Prescription Status
Accu-Chek Aviva 1-2 Control Soln USE 1 DROP AS DIRECTED TO CALIBRATE NEW TEST STRIPS Rx #: 8242663 Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE Quantity: 1 for 90 days Refills Remaining: 3 Expires: Jun 4, 2017 Last Filled: Jun 6, 2016
Accu-Chek Aviva Plus(Glucose) Test Strip USE 1 STRIP FOR TESTING EVERY OTHER DAY TO CHECK BLOOD SUGARS Rx #: 8242664 Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE Quantity: 50 for 90 days Refills Remaining: 2 Expires: Jun 4, 2017 Last Filled: Jun 6, 2016
Alcohol Prep Pad USE PAD TOPICALLY AS DIRECTED Rx #: 8242665 Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE Quantity: 200 for 90 days Refills Remaining: 3 Expires: Jun 4, 2017 Last Filled: Jun 6, 2016
Brief, Protection Plus Large #msc33505 USE BRIEF(S) TOPICALLY DAILY Rx #: 7890759A Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: COLLINS,RONALD J	ACTIVE Quantity: 72 for 30 days Refills Remaining: 9 Expires: Jun 17, 2017 Last Filled: Jun 17, 2016
Lancet,Softclix USE LANCET AS DIRECTED Rx #: 8242666 Notes:	LOMA LINDA PHARMACY 909-777-3259 Ordering Provider: BYRNE,JOHN M	ACTIVE Quantity: 100 for 90 days Refills Remaining: 3 Expires: Jun 4, 2017 Last Filled: Jun 6, 2016

Remote VA Medications

Remote VA and non-VA medications are reconciled by the provider (see [Medication Reconciliation](#) in the AVS Functionality section). Those medications that the patient stated that he/she is not taken are displayed in a separate sub-section of the Medications section. Instructions are included which direct the patient to follow up with his/her providers with regard to the medications that are not being taken as directed.

After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC) Admin Help

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y) Last Refreshed Sep 13, 16@11:47:19

Encounters: LOM PACT MOD 4 MD 5 Refresh Edit Instructions Edit AVS Options Krames Print PDF

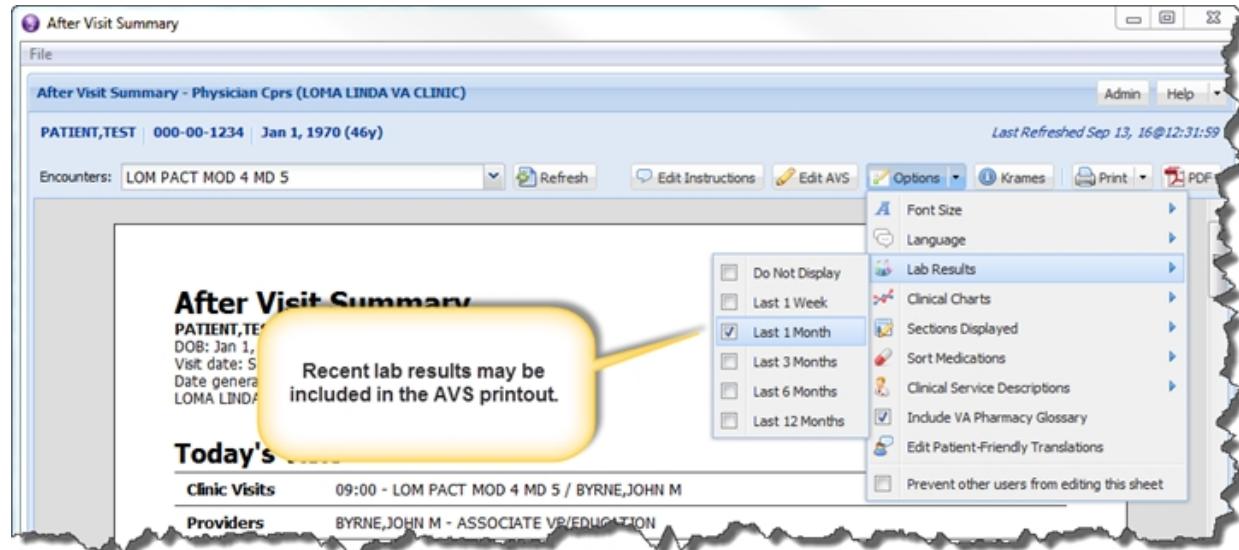
Medications You Are Not Taking

You have stated that you are no longer taking the following medications. Please remember to discuss each of these medications with your providers.

Hydromorphone (Hf) Tab TAKE 16MG BY MOUTH EVERY 4 HOURS Notes:	NON-VA ACTIVE	Documenting Facility & Provider: LONG BEACH VAMC LU,CONNIE
Lorazepam Tab TAKE 1MG BY MOUTH EVERY 6 HOURS Comment: Pt receives from CVS Notes:	NON-VA ACTIVE	Documenting Facility & Provider: LONG BEACH VAMC LU,CONNIE
Multivitamin W/Minerals Tab TAKE 1 TABLET BY MOUTH DAILY Notes:	NON-VA ACTIVE	Documenting Facility & Provider: LONG BEACH VAMC LU,CONNIE
Temazepam Cap,Oral TAKE 30MG BY MOUTH AT BEDTIME Notes:	NON-VA ACTIVE	Documenting Facility & Provider: LONG BEACH VAMC LU,CONNIE

Lab Results

Lab results may optionally be included in the AVS. By default, lab results are not included and must be selected from the Options menu.



After Visit Summary

File

After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y) Last Refreshed Sep 13, 16@12:31:59

Encounters: LOM PACT MOD 4 MD 5

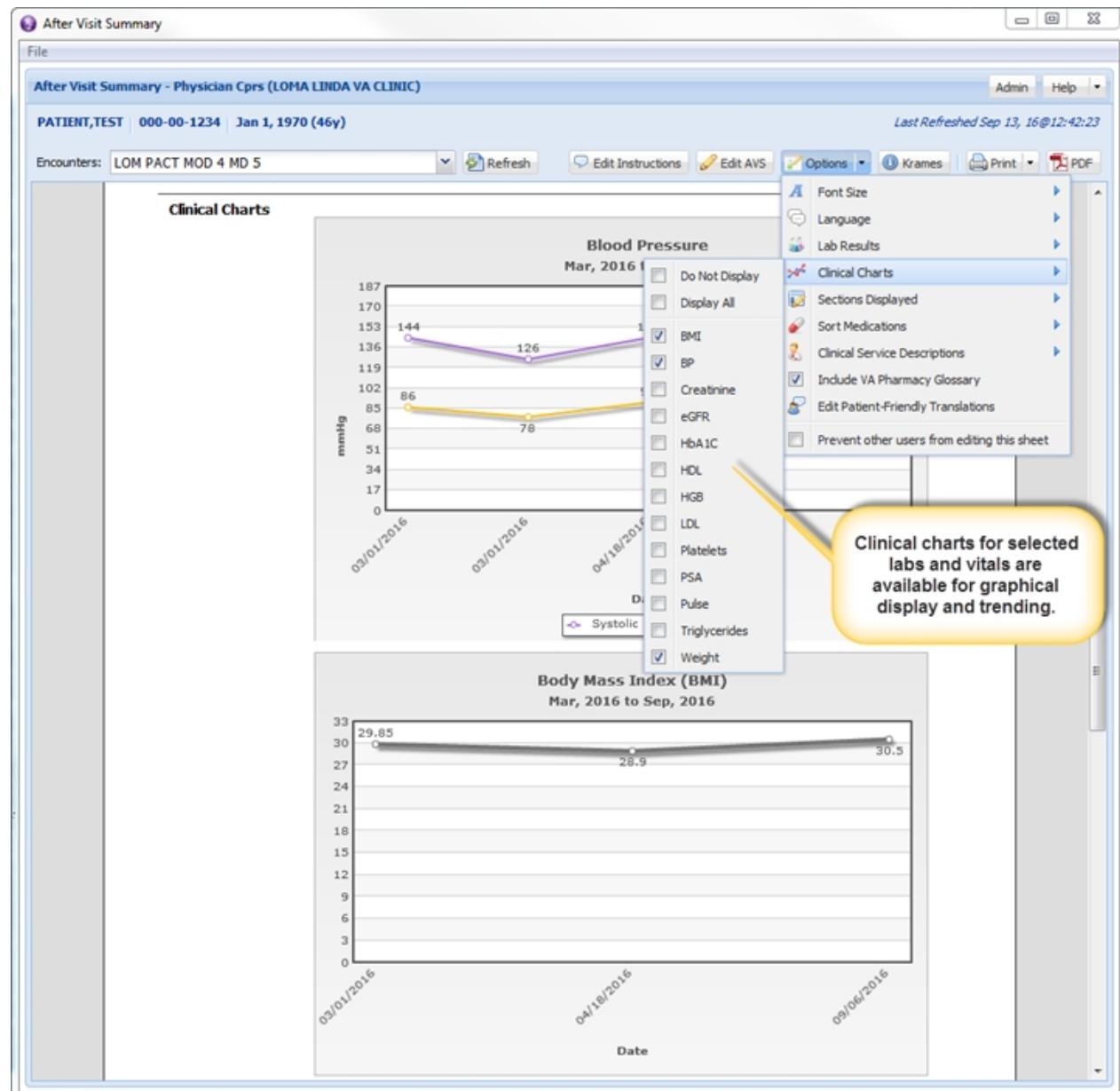
Recent Lab Results

Report Released Date/Time: Sep 06, 2016@09:21
Provider: BYRNE, JOHN M
Specimen: BLOOD. MAN 0906 33
Specimen Collection Date: Sep 06, 2016@06:32
Test name Result units Ref. range Site Code
HEMOGLOBIN A1C (LAB) 6.3 H & 4.2 - 5.9 [605]
Eval: SUGGESTED INTERPRETATION GLYCOSYLATED HEMOGLOBIN RESULTS:
Eval: HGB A1C OF <6% CONSISTENT WITH NORMAL GLYCEMIA
Eval: HGB A1C OF 6-8% SUGGESTS ACCEPTABLE GLUCOSE CONTROL
Eval: HGB A1C OF 8-10% SUGGESTS FAIR GLUCOSE CONTROL
Eval: HGB A1C OF OVER 10% SUGGESTS POOR GLUCOSE CONTROL
Eval: RESULTS ADVERSELY Affected BY HGB F >15%, HGB'S D AND E,
Eval: AND HOMOZYGOUS HGBS S AND C.
Eval: Target A1C values should be individualized. Better understanding
Eval: of A1C test result accuracy is essential if clinicians are to
Eval: interpret results for Veterans, and discuss treatment options
Eval: through the process of Shared Decision Making.
Eval: Patients may contact their clinician to discuss A1C results.
Eval: For performance characteristics of these assays, clinicians may
Eval: contact Clinical Chemistry at x1953 for blood A1C results.
Eval: For Point of Care Testing results contact x1957.

Report Released Date/Time: Sep 06, 2016@08:04
Provider: BYRNE, JOHN M
Specimen: SERUM. DX 0906 135
Specimen Collection Date: Sep 06, 2016@06:32
Test name Result units Ref. range Site Code
SODIUM 137 mMol/L 136 - 144 [605]
POTASSIUM 4.0 mMol/L 3.6 - 5.1 [605]
CHLORIDE 103 mMol/L 101 - 111 [605]
CO2 26.0 mMol/L 22 - 32 [605]
UREA NITROGEN 10 mg/dL 8 - 20 [605]
CREATININE 1.03 mg/dL .64 - 1.27 [605]
eGFR >60 mL/min Ref: >=60 [605]
Eval: eGFR is calculated by 4-variable MDRD equation of Levey modified for
Eval: standardized creatinine. Stable creatinine presumed - ignore eGFR in
Eval: dialysis patients. Interpret with caution in patients with acute renal
Eval: failure. Units for eGFR are in mL/min/1.73 square meters.
GLUCOSE 132 H mg/dL 74 - 118 [605]
Eval: NEW CRITICAL VALUES APPROVED BY MEC 3/8/16.
CALCIUM 9.3 mg/dL 8.9 - 10.3 [605]
ALBUMIN 4.0 gm/dL 3.5 - 4.8 [605]
TOT. BILIRUBIN 0.8 mg/dL 0.2 - 1.2 [605]
DIR. BILIRUBIN 0.20 mg/dL 0.1 - 0.5 [605]

Clinical Charts

Clinical charts may be optionally included in the AVS. The charts are all line graphs and reflect the lab data and vital signs over the past year for the patient. Clinical charts that are available include BMI, BP, Cholesterol, Creatinine, eGFR, HbA1C, HDL, HGB, LDL, Platelets, Pulse, Triglycerides, and Weight.



Additional Information

Additional information that the AVS can display for the benefit of the patient includes clinical services information, a glossary of VA pharmacy terms, and a footer section that provides more help and information for the patient.

The clinical services that are displayed are selected by the provider. See the [Clinical Services Information](#) section under AVS Functionality.

The glossary of VA pharmacy terms provides a reference for the patient explaining the meaning of terms that appear in the patient's medication list. The terms that are listed in the glossary are limited to only those that are used in the patient's medication list.

The footer section provides contact information and other information for the patient.

The footer contents, along with the header, disclaimers, and section labels, may be customized in the [administration interface](#).

After Visit Summary

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)

Last Refreshed Sep 28, 16@10:48:12

Encounters: LOM PACT MOD 4 MD 5

Additional Information

Clinical Services (LOMA LINDA VA CLINIC)	Service	Location	Hours of Operation	Phone	Comment
	Laboratory	4th Floor	0800-1630	909-583-6099	Blood draw 0730-1730
	Physical Medicine and Rehabilitation (PM&R)	Second Floor	0800-1630	909-583-2061	
	Radiology	Third Floor	0800-1630	909-583-6069	

Glossary of VA Pharmacy Terms	VA Pharmacy Term	Explanation and Possible Actions
ACTIVE "Prescription Status: Active"	A prescription that can be filled at the local VA pharmacy. If you have refills, you may request a refill of this prescription from your VA pharmacy.	
ACTIVE/SUSP "Suspense" "Active Suspense" "Active/Susp"	An active prescription that is not scheduled to be filled yet. You should receive it before you run out. Contact your VA pharmacy if you need this medication now.	
NON-VA	A medication that came from someplace other than a VA pharmacy. This may be a prescription from either the VA or other providers, or may be an over the counter (OTC), herbal, dietary supplement or sample medication. If this medication information is incorrect or out of date, please tell your VA provider.	

More Help and Information

This information is meant to provide a summary of your appointment with your health care provider. If you have any questions about your care including test results, medications, diagnoses or other concerns, please contact your health care provider. **Please bring this form to your next visit as a record of your medications and alert your provider to any changes in your medications.**

- To contact your primary care provider, please call (909) 825-7084 or 1-800-741-8387 and follow the prompts to the Module where your primary care provider is located.
- To refill a prescription, please call 909-777-3259 or visit www.myhealth.va.gov.
- For care on evenings and weekends, please call 24 hour Telephone Care at 1-877-252-4866.

Access health resources. Track your health. Refill VA prescriptions. Visit www.myhealth.va.gov! Ask your health care team about in-person authentication and begin ordering medications and viewing appointments through MyHealtheVet. After completing in-person authentication, click on "Secure Messaging" in MyHealtheVet and select "I would like to turn on secure messaging" in order to send email messages to your providers.

Want to be healthier? Take the HealthLiving Assessment on My HealtheVet at www.myhealth.va.gov. Answer the questions about your health history. You will get a list of ways to improve your health. Please bring your report to your next primary care appointment. Talk about it with your PACT-they will connect you with tools to help you succeed with your health goals. Live healthier!

Toggling Sections

The sections that appear on the AVS can be toggled on or off by selecting the sections to display from the drop-down menu.

Note that the Allergies section may not be toggled off for display as this information is considered vital for patient safety.

After Visit Summary

File

After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)

Encounters: LOM PACT MOD 4 MD 5 Refresh Edit Instructions Edit AVS Admin Help Options Krames Print PDF

Last Refreshed Sep 13, 16 @ 12:52:57

After Visit Summary

PATIENT,TEST
DOB: Jan 1, 1970 (46y)
Visit date:
Date generated:
LOMA LINDA VA CLINIC

The user can select the sections to display.

Todays Visit

Clinic: MD 5 / BYRNE,JOHN M - ASSOCIATE VP/EDUCATION

Providers BYRNE,JOHN M - ASSOCIATE VP/EDUCATION

Reason For Visit Essential hypertension

You Were Diagnosed With

- Essential hypertension
- Diabetes mellitus type 2
- Gastroesophageal Reflux Disease
- Benign prostatic hyperplasia

Immunizations

- FLU,3 YRS

Vitals as of This Visit

- Blood Pressure: 162/92 (Sep 06, 2016)
- Body Mass Index: 30.50 (Sep 06, 2016)
- Pulse: 59 (Sep 06, 2016)

VA

Font Size
Language
Lab Results
Clinical Charts
Sections Displayed
Sort Medications
Clinical Service Descriptions
Include VA Pharmacy Glossary
Edit Patient-Friendly Translations
Prevent other users from editing this sheet

AVS Functionality

The details of the functionality of the AVS is described in the topics that comprise this section.

Medication Reconciliation

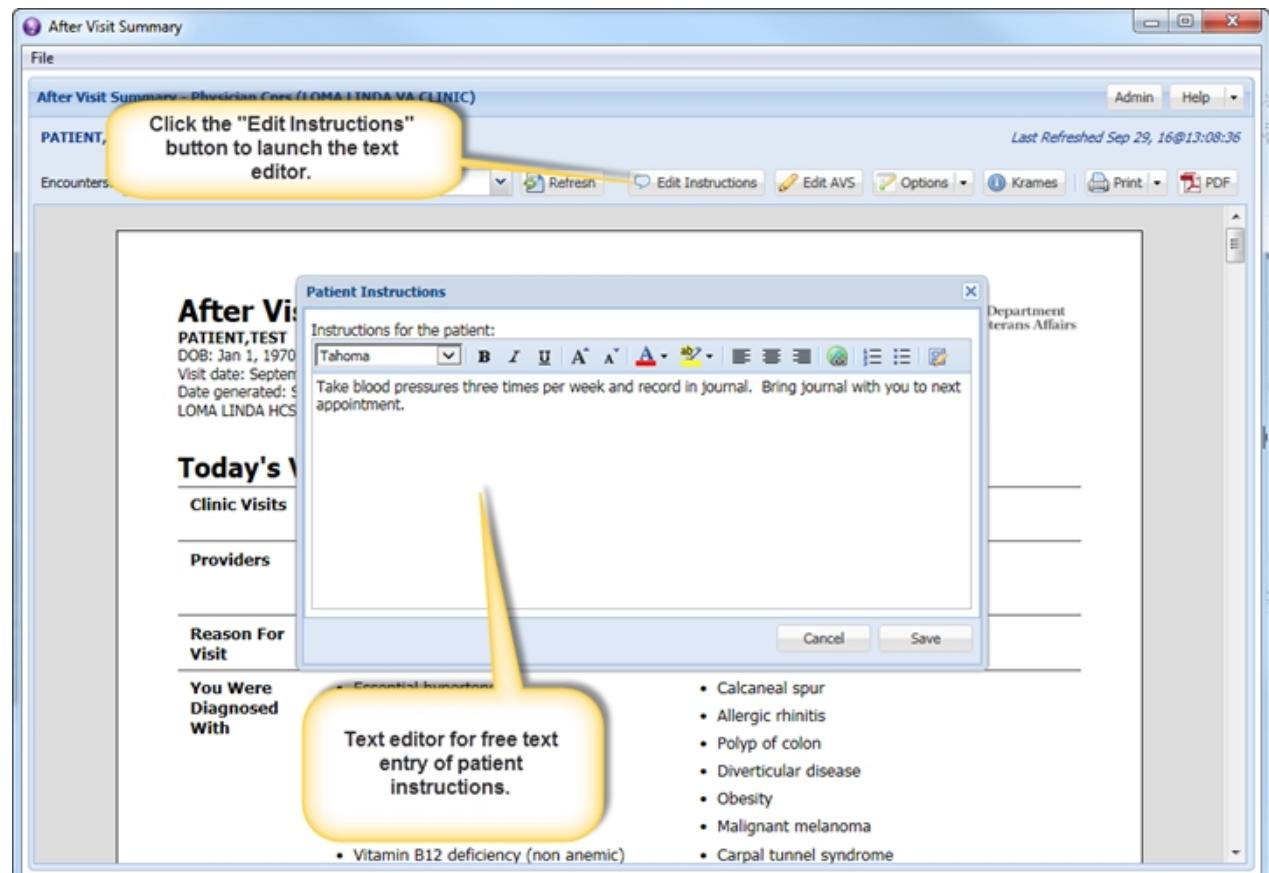
Medications imported from other VA facilities, including VA-prescribed and non-VA medications, are reconciled by the provider. The provider selects those meds in the list that the patient reports he/she is still taking. The medication lists as displayed in the AVS will be categorized according to those that the patient is taking and not taking.

The screenshot shows the 'After Visit Summary' window with the title bar 'After Visit Summary'. The main area displays a table of medications under the heading 'Remote Medications'. A message at the top of the table reads: 'This patient has medications from other VA facilities. Please select the medications from the list below that the patient is currently taking.' The table columns are: Name, Sig, Type, Refills, Expiration Date, Last Filled, Facility, and Provider/Documentor. Several medications are listed, with checkboxes next to their names. A yellow callout bubble points to the table with the text: 'Remote VA and Non-VA medications are displayed in this dialog. The provider reconciles these medications by selecting those medications that the patient is taking as prescribed.'

Name	Sig	Type	Refills	Expiration Date	Last Filled	Facility	Provider/Documentor
<input checked="" type="checkbox"/> Tiotropium 18 Mcg In...	INHALE CONTENTS OF ONE CAPSULE IN...	VA	0	January 17, 2...	January 08, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input checked="" type="checkbox"/> Albuterol 90mcg (Cfc-...	INHALE 2 PUFFS 90MCG/INHL BY MOUT...	VA	0	January 14, 2...	January 06, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input type="checkbox"/> Budesonide 160/Form...	INHALE TWO PUFFS BY MOUTH TWICE...	VA	0	January 17, 2...	January 05, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input type="checkbox"/> Adalimumab 40mg/0...	INJECT 40 MG (0.8 ML) OF 40MG/0.8ML...	VA	0	January 17, 2...	January 23, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input checked="" type="checkbox"/> Hydrochlorothiazide 2...	TAKE ONE TABLET BY MOUTH EVERY M...	VA	0	January 17, 2...	January 21, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input checked="" type="checkbox"/> Cetirizine 10 Mg Tab	TAKE ONE-HALF TABLET BY MOUTH EVE...	VA	0	January 14, 2...	January 16, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input checked="" type="checkbox"/> Flunisolide 0.025% 20...	INHALE 2 SPRAYS IN EACH NOSTRIL T...	VA	0	January 14, 2...	January 16, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input type="checkbox"/> Leflunomide 20 Mg Tab	TAKE ONE TABLET BY MOUTH EVERY D...	VA	0	January 14, 2...	January 16, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input type="checkbox"/> Lorazepam 0.5 Mg Tab	TAKE ONE TABLET BY MOUTH EVERY D...	VA	0	January 15, 2...	January 16, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input type="checkbox"/> Sharps Disposal Cont...	USE CONTAINER AS DIRECTED DO NOT...	VA	0	January 14, 2...	January 16, 2...	PUGET SOUND HCS	ERSKINE,MICHAEL S
<input checked="" type="checkbox"/> Ranitidine Tab	150 MG BY MOUTH EVERY DAY	Non-VA	0			PUGET SOUND HCS	LIEDTKE,ANTHON...
<input type="checkbox"/> Etanercept 50 Mg/Ml...	SUBCUTANEOUSLY WEEKLY	Non-VA	0			PUGET SOUND HCS	LIEDTKE,ANTHON...

Patient Instructions

Free-text patient instructions may be entered into the AVS. Rich text options are supported, including font style, size, color, and formatting. Images may be inserted into the text (e.g. from Krames-on-Demand), and bulleted and sorted lists may also be inserted into the text.



After Visit Summary

PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)

Last Refreshed Sep 29, 16@13:08:36

Encounters: LOM PACT MOD 4 MD 5

Important Notes

Upcoming Appointments

Scheduled Appointments
Appointments in the next 3 months:

Thursday, October 13, 2016
07:30 - LLRED/PULM SLEEP/CPAP (LOMA LINDA HCS)
Clinic Location: REDLANDS RBOC

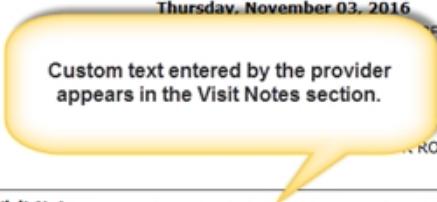
Tuesday, November 01, 2016
07:00 - LOM ACC DENTAL FISCHER (LOMA LINDA HCS)
Clinic Location: ACC D WING 2ND FLOOR

Thursday, November 03, 2016
EL 3D-65 (LOMA LINDA HCS)
LOMA LINDA HCS
ROOM 1A

Custom text entered by the provider appears in the Visit Notes section.

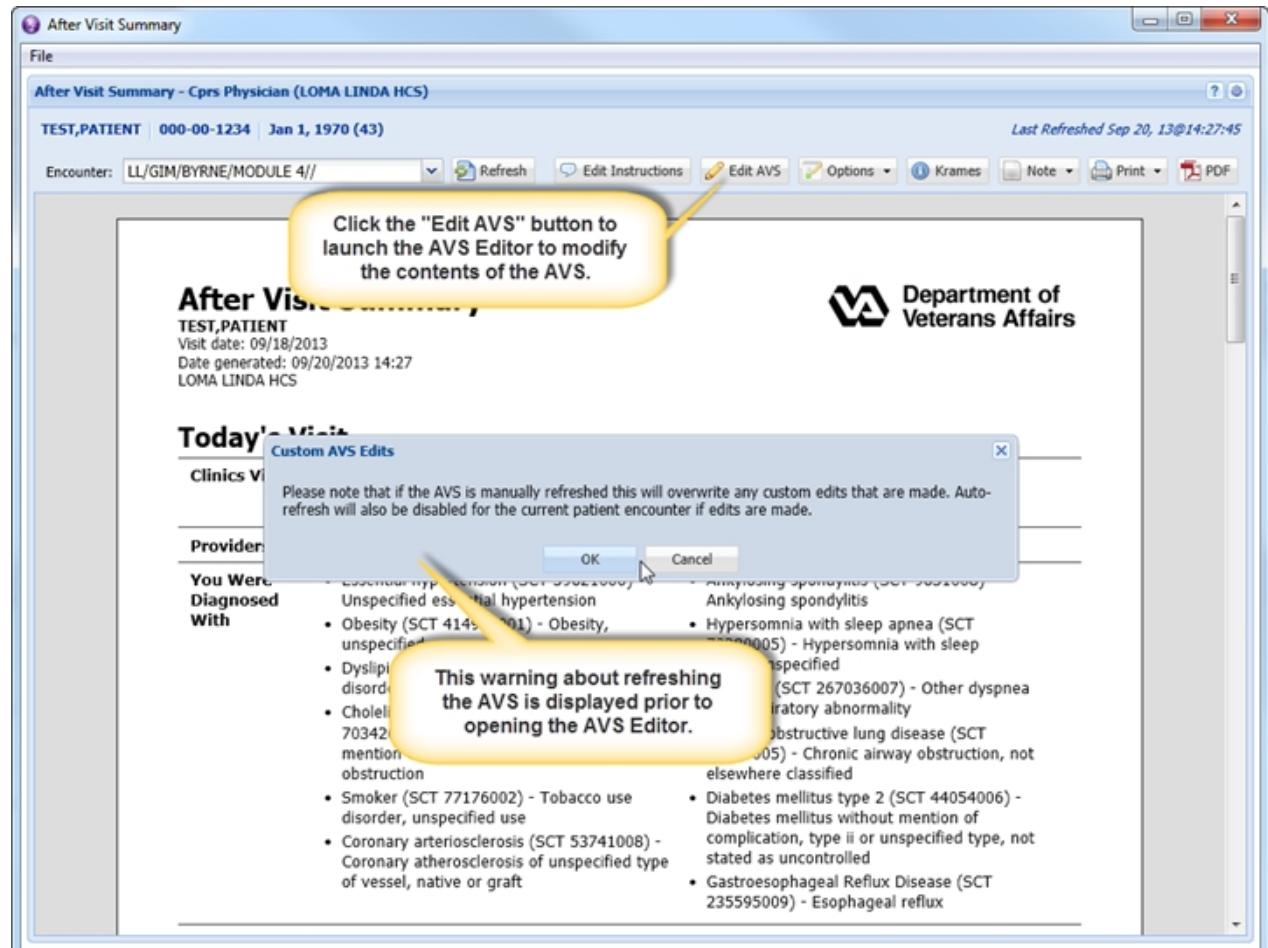
Visit Notes
Take blood pressures three times per week and record in journal. Bring journal with you to next appointment.

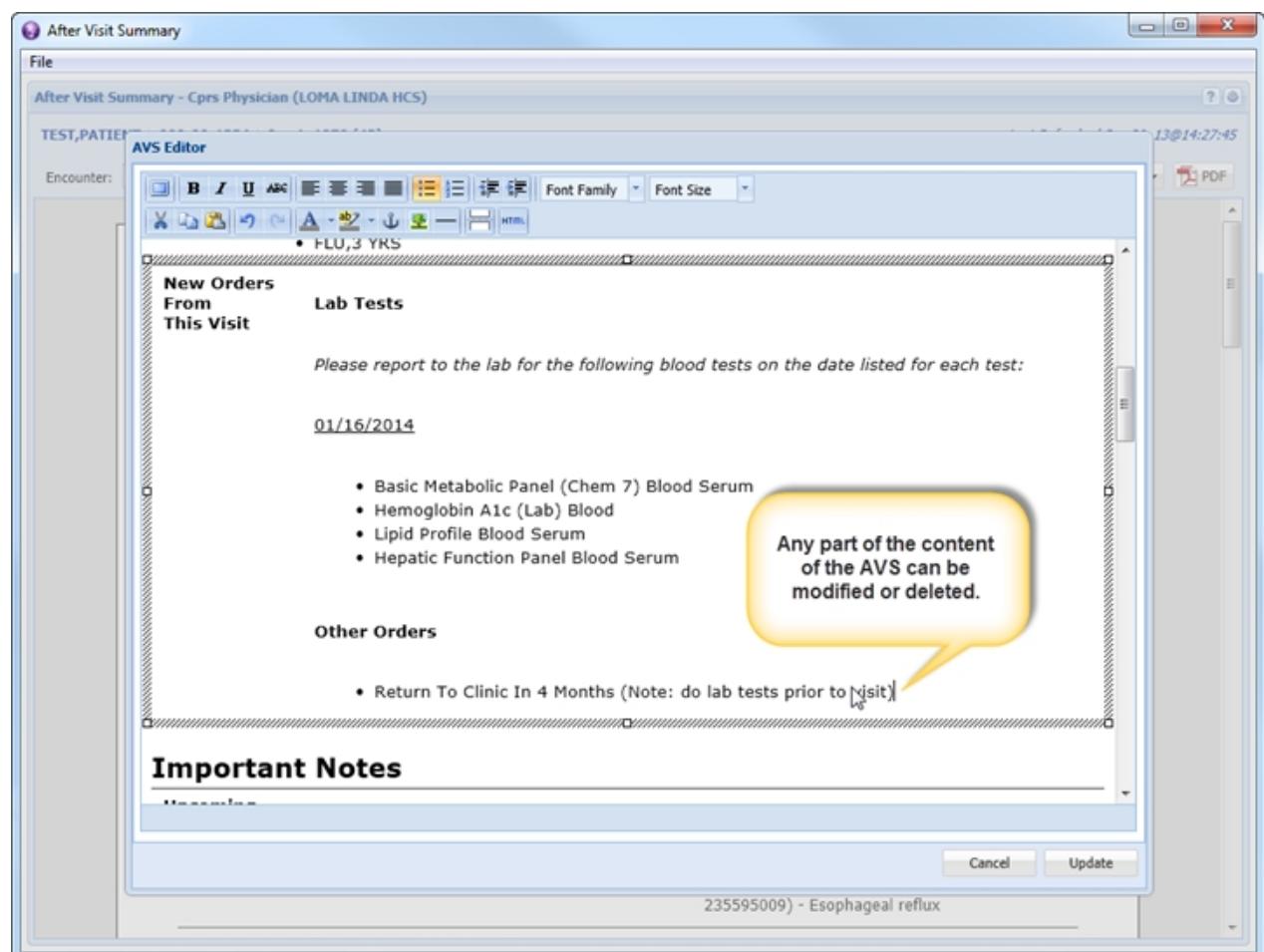
My Ongoing Care



Edit AVS

The user can add/modify/delete any of the content in the AVS in a pop-up editor. A notification is made to the user that manually refreshing the AVS will overwrite any custom edits, and auto-refresh is turned off for the patient encounter if edits are made.





Font Size

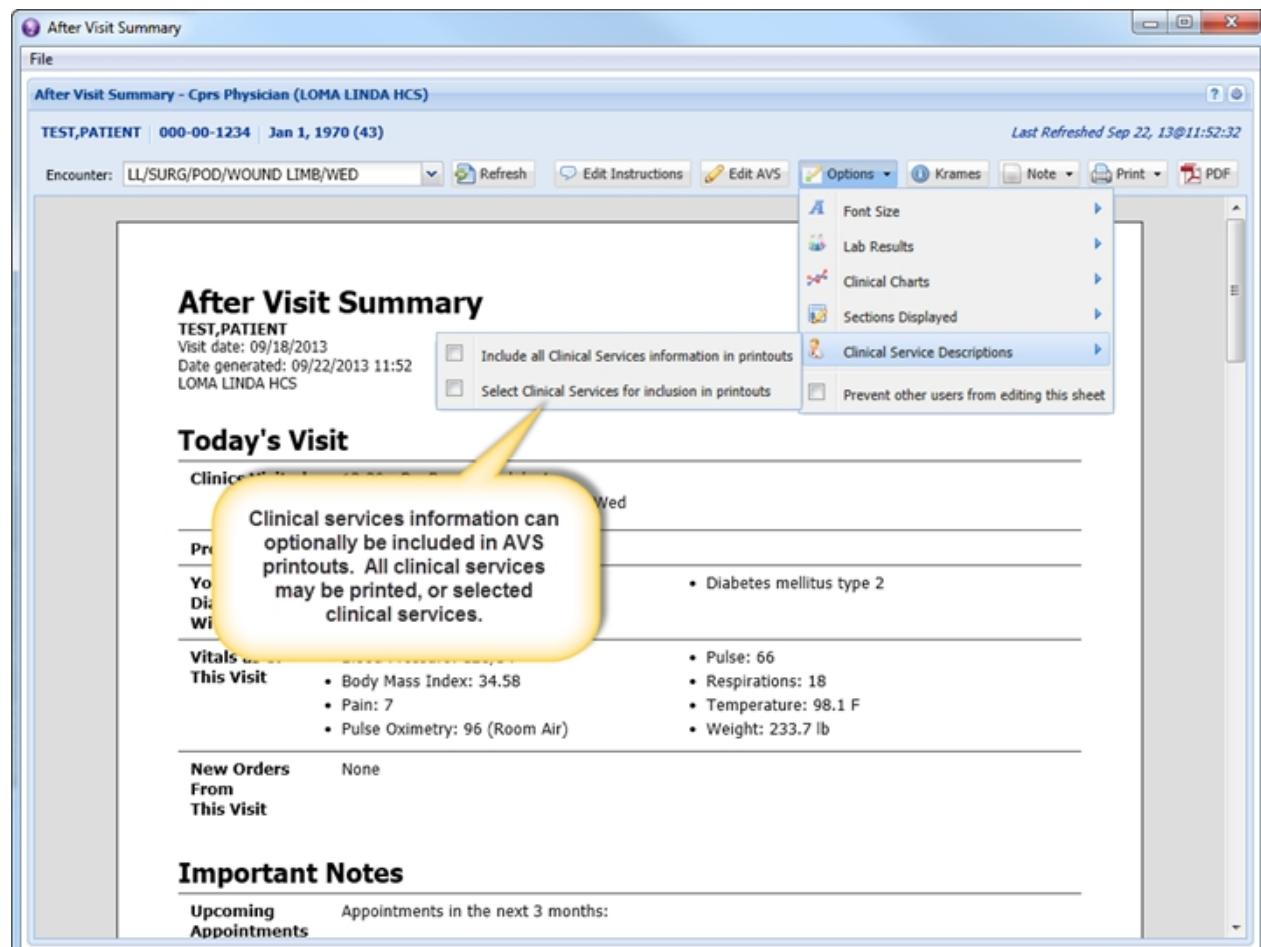
For visually-impaired patients, the font size of the AVS may be adjusted. AVS supports large and very large font sizes in addition to the normal-sized text that is displayed by default.

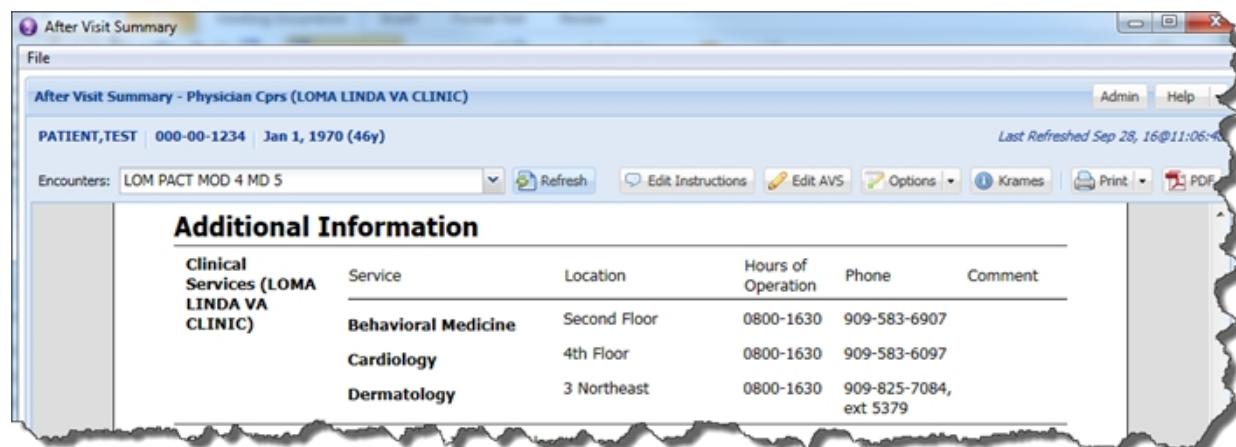
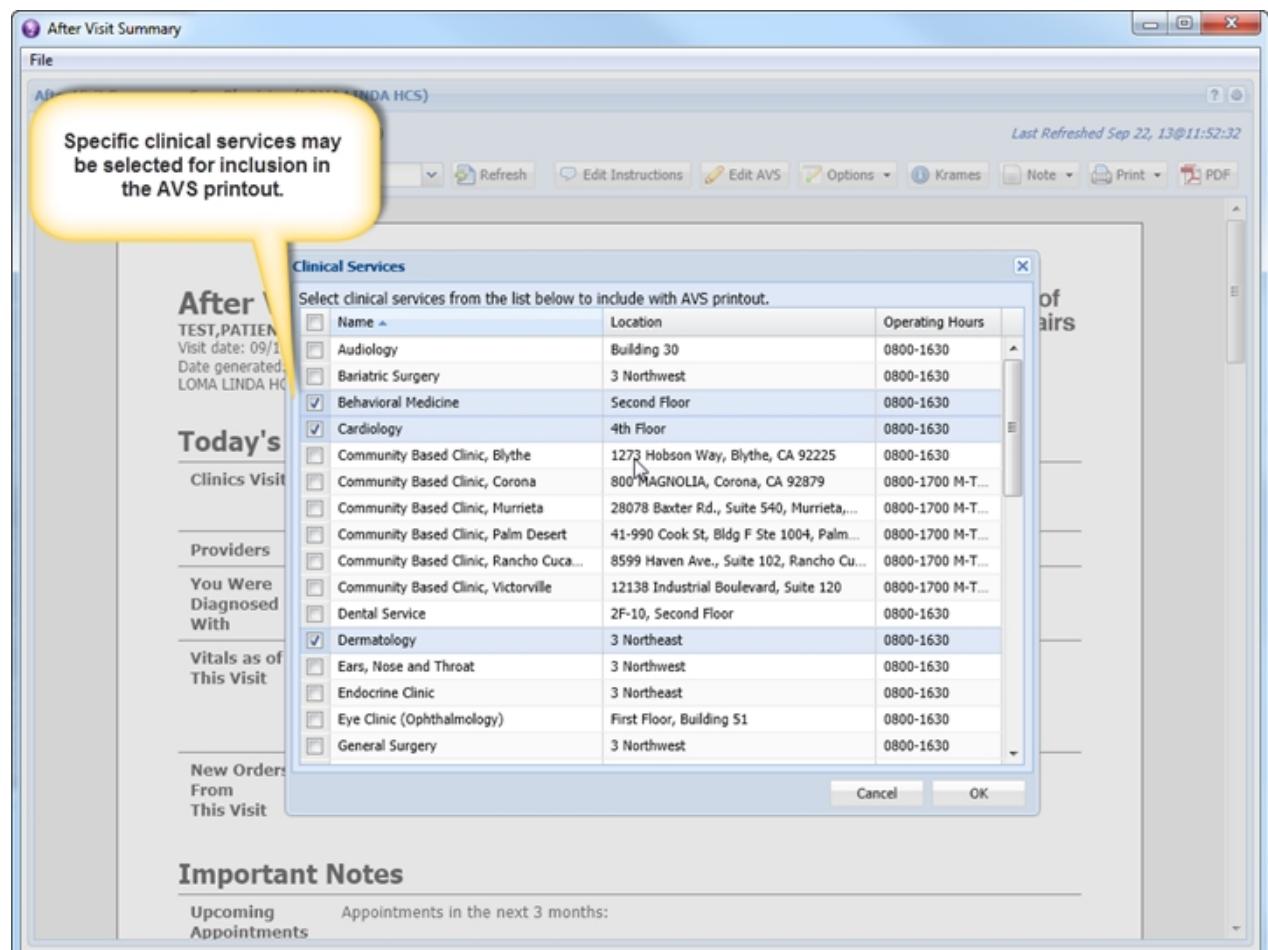
The screenshot shows the 'After Visit Summary - Physician Cprs (LOMA LINDA VA CLINIC)' window. At the top, it displays 'PATIENT,TEST | 000-00-1234 | Jan 1, 1970 (46y)' and 'Last Refreshed Sep 29, 16@11:47:42'. Below this, the 'Encounters' dropdown shows 'LOM PACT MOD 4 MD 5'. On the right, there's a toolbar with 'Admin', 'Help', 'Refresh', 'Edit Instructions', 'Edit AVS', 'Options', 'Krames', 'Print', and 'PDF'. A yellow callout bubble points from the text 'The text size of the AVS printout can be increased for visually impaired patients.' to the 'Large' option in the 'Font Size' dropdown menu. The 'Font Size' menu also includes 'Normal' and 'Very Large' options. The main content area shows patient information (DOB: Jan 1, 1970 (46y), Visit date: September 09, 2016, Date generated: September 29, 2016 11:47, LOMA LINDA HCS), a section titled 'Today's Visit' with clinic visits (Sep 09, 2016 08:30 - LOM PACT MOD 4 MD 5 / BYRNE,JOHN M / ESCOBAR,FRANCISCO), providers (ESCOBAR,FRANCISCO - LVN, BYRNE,JOHN M - ASSOCIATE VP/EDUCATION), reason for visit (Essential hypertension), and diagnoses (Essential hypertension, Recurrent major depression, Impotence of organic origin, Low back pain, Shoulder pain, Calcaneal spur, Allergic rhinitis, Polyp of colon, Diverticular disease, Obesity).

Clinical Services Information

Clinical Services information, including the name, location, phone, hours of operation, and comments, may be printed out along with the AVS document to provide the patient with helpful information regarding clinical services that he/she may visit during an upcoming appointment.

The user can toggle the inclusion of clinical services information from the Options menu. All clinical services may be printed out, or selected services may be chosen from the list.



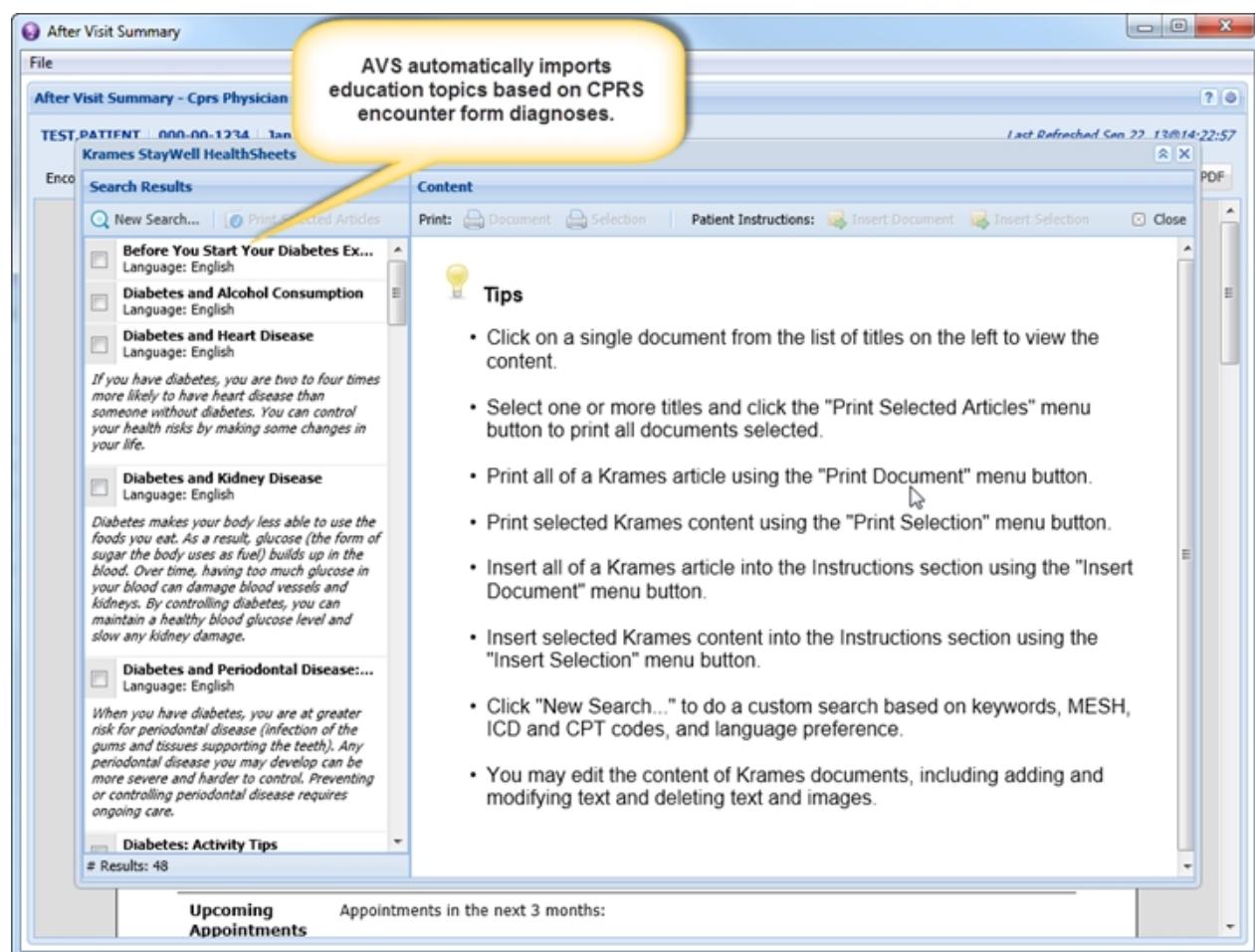


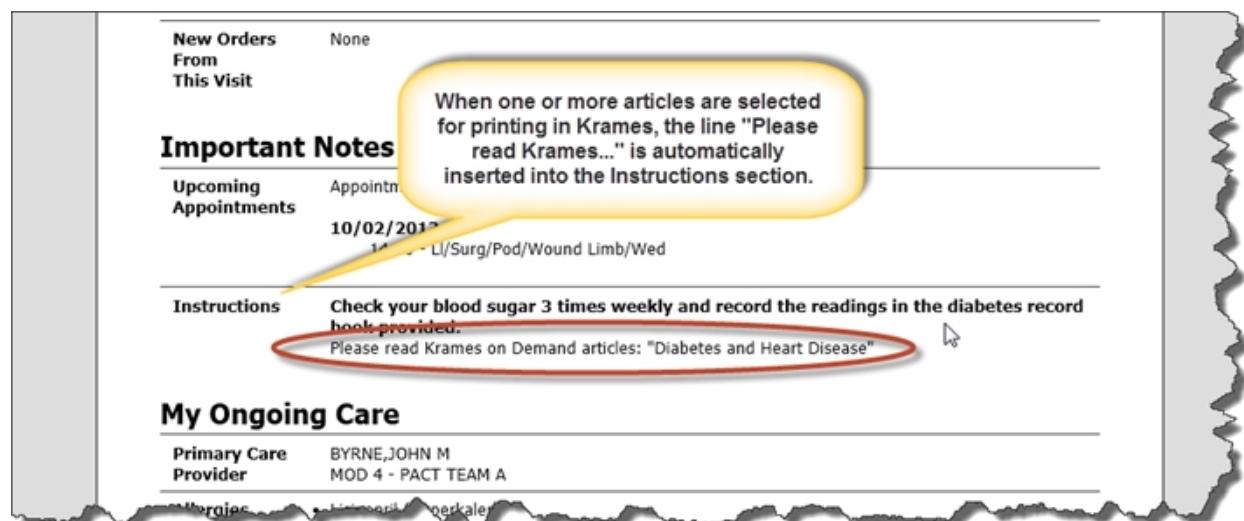
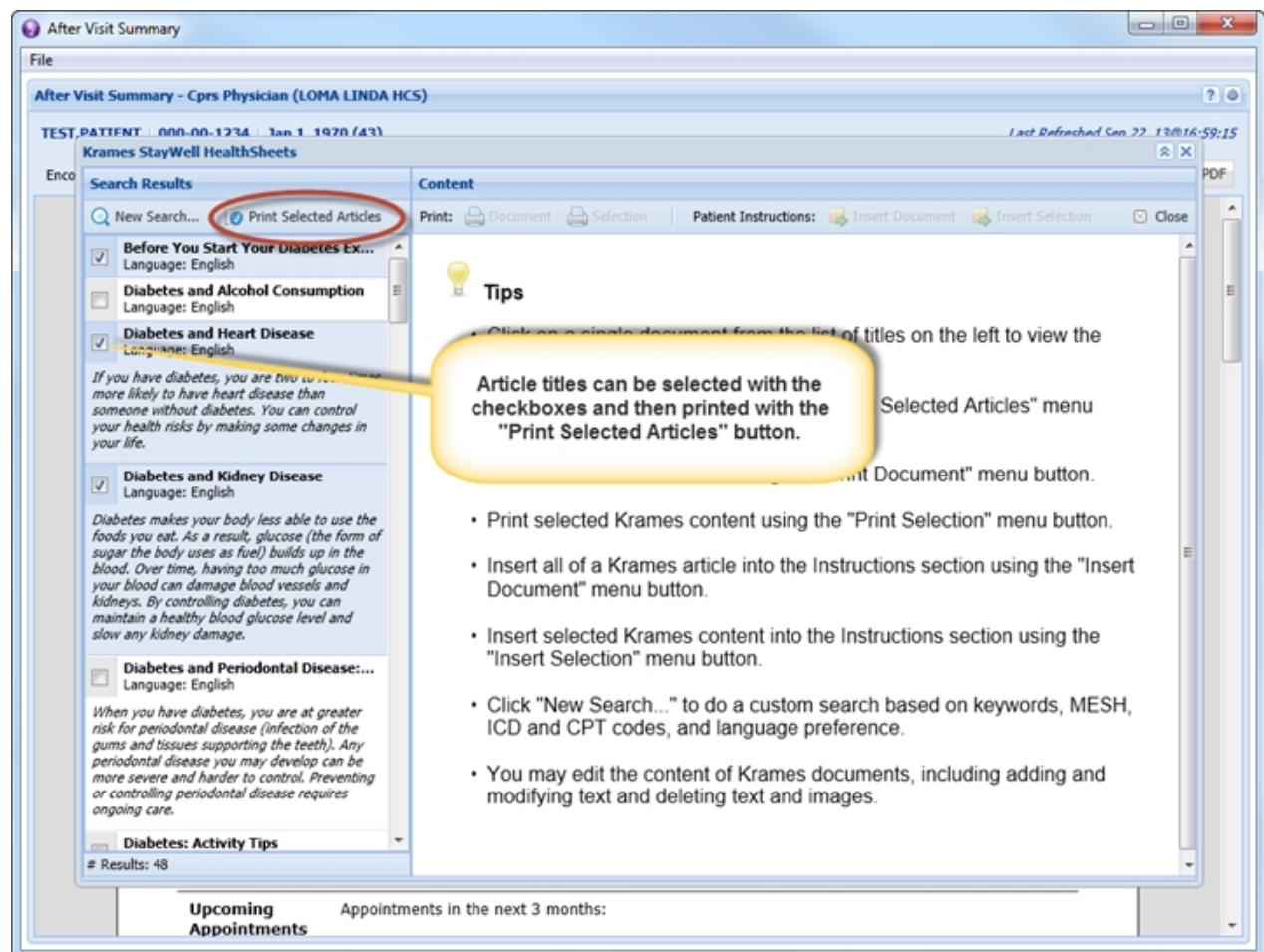
Krames On Demand

Select the "Krames" button from the AVS toolbar to open Krames-on-Demand patient education material.

When it is first opened for a patient, the Krames interface will automatically search the Krames database for patient education content based upon the patient's diagnoses from the encounter form. The user may also perform a manual search which supports queries for Krames content based on keywords, MESH codes, ICD-9 codes, and CPT codes. The patient's preferred language may also be selected on the search form.

The user can select multiple documents from the Search Results displayed on the left side of the screen and choose to import them all into the Patient Instructions section of the AVS or printed off as separate documents. Parts of a Krames article may be selected and inserted into the AVS or printed separately.





After Visit Summary

File

After Visit Summary - Cprs Physician (LOMA LINDA HCS)

TEST PATIENT | 000-00-1234 | Jan 1, 1970 (43) Last Refreshed: Sun, 22, 13@16:59:15

Krames StayWell HealthSheets

Encounters

Search Results Content

New Search... Print Selected Articles

Print: Document Selection Patient Instructions: Insert Document Insert Selection Close PDF

Diabetes and Heart Disease

If you have diabetes, you are two to four times more likely to have heart disease than someone without diabetes. This is because most people with diabetes also have the main risk factors for heart disease. But there's good news. You can help control your health risk by making some changes in your life.

Diabetes and Kidney Disease

A single article may be selected for display by clicking on the article title. The document may then be printed or inserted into the AVS Instructions section.

When you have diabetes, you are at greater risk for periodontal disease (infection of the gums and tissues supporting the teeth). Any periodontal disease you may develop can be more severe and harder to control. Preventing or controlling periodontal disease requires ongoing care.

Diabetes: Activity Tips

Results: 48

Upcoming Appointments Appointments in the next 3 months:



Your main risk factors

Three major risk factors for heart disease are high blood sugar, high blood pressure, and high levels of lipids. By keeping risk factors under control, you can help keep your heart and arteries healthy. This may reduce your chances of a heart attack.

Krames StayWell HealthSheets

Search Results Content

New Search... Print Selected Articles

Print: Document Selection Patient Instructions: Insert Document Insert Selection Close

Changes you can make

A part of an article that is highlighted for selection by the user may be printed...

...or the selected content may be inserted into the AVS Instructions section.

- Testing your blood sugar is the only way to know whether it is under control. Be sure to test your blood sugar yourself. Also get your blood tested in the lab, as directed.
- Monitoring your blood pressure and lipid levels can help you achieve safe levels. Visit your health care team as scheduled.
- Taking medications as directed can help control blood sugar, blood pressure, blood clotting, and/or cholesterol levels.

Work with your health care team to make changes in your diet, exercise, and other habits. These changes can reduce your risk of diabetes and help you live longer. Try to fit physical activity into your day. It can help you manage your weight and control your blood sugar levels. If you smoke, quit. Smoking can damage your blood vessels and kidneys. By controlling diabetes, you can maintain a healthy blood glucose level and prevent complications.

Diabetes makes your body less able to use the foods you eat. As a result, glucose (the form of sugar the body uses as fuel) builds up in the blood. Over time, having too much glucose in your blood can damage blood vessels and kidneys. By controlling diabetes, you can maintain a healthy blood glucose level and prevent complications.

Krames StayWell HealthSheets

Search Results | Print Selected Articles

Before You Start Your Diabetes Ex... Language: English

Diabetes and Alcohol Consumption Language: English

Diabetes and Heart Disease Language: English

If you have diabetes, you are two to four times more likely to have heart disease than someone without diabetes. You can control your health risks by making some changes in your life.

Diabetes and Kidney Disease Language: English

Diabetes makes your body less able to use the foods you eat. As a result, glucose (the form of sugar the body uses as fuel) builds up in the blood. Over time, having too much glucose in your blood can damage blood vessels and kidneys. By controlling diabetes, you can maintain a healthy blood glucose level and slow any kidney damage.

Diabetes and Periodontal Disease:... Language: English

When you have diabetes, you are at greater risk for periodontal disease (infection of the gums and tissues supporting the teeth). Any periodontal disease you may develop can be more severe and harder to control. Preventing or controlling periodontal disease requires ongoing care.

Diabetes: Activity Tips

Results: 48

Content

Print: Document Selection Patient Instructions: Insert Document Insert Selection Close

Diabetes and Heart Disease

If you have diabetes, you are two to four times more likely to have heart disease than someone without diabetes. You can control your health risks by making some changes in your life.

Krames Search

Keywords: cardiomyopathy

Logical operator: AND OR

MeSH Codes:

ICD9 Codes:

CPT Codes:

Language:

Cancel Search

A search function of the entire Krames-on-Demand library is also available.

Your main risk factors

Three major risk factors for heart disease are high blood sugar, high blood pressure, and high levels of lipids. By keeping risk factors under control, you can help keep your heart arteries healthy. This may reduce your chances of a heart attack.

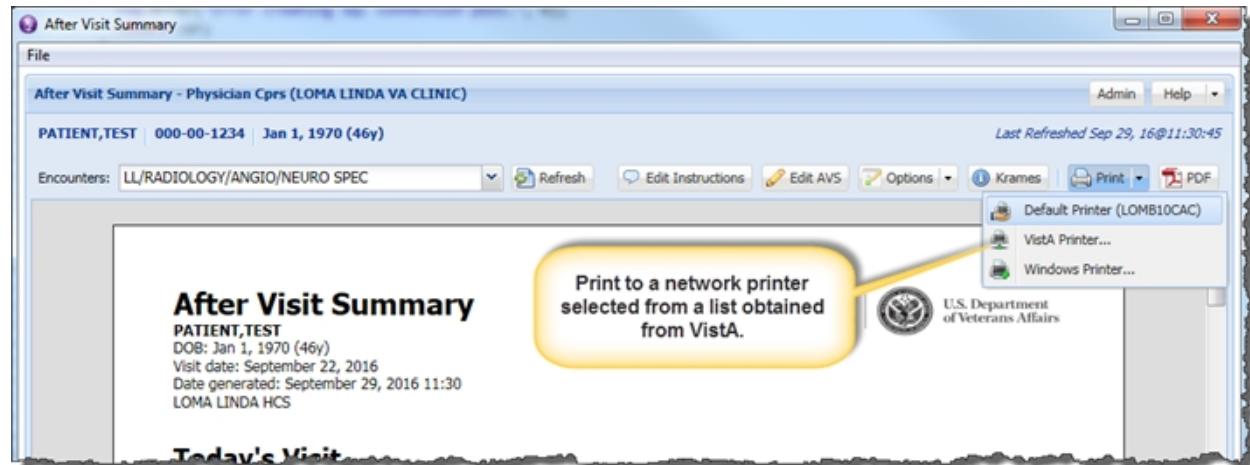
Printing

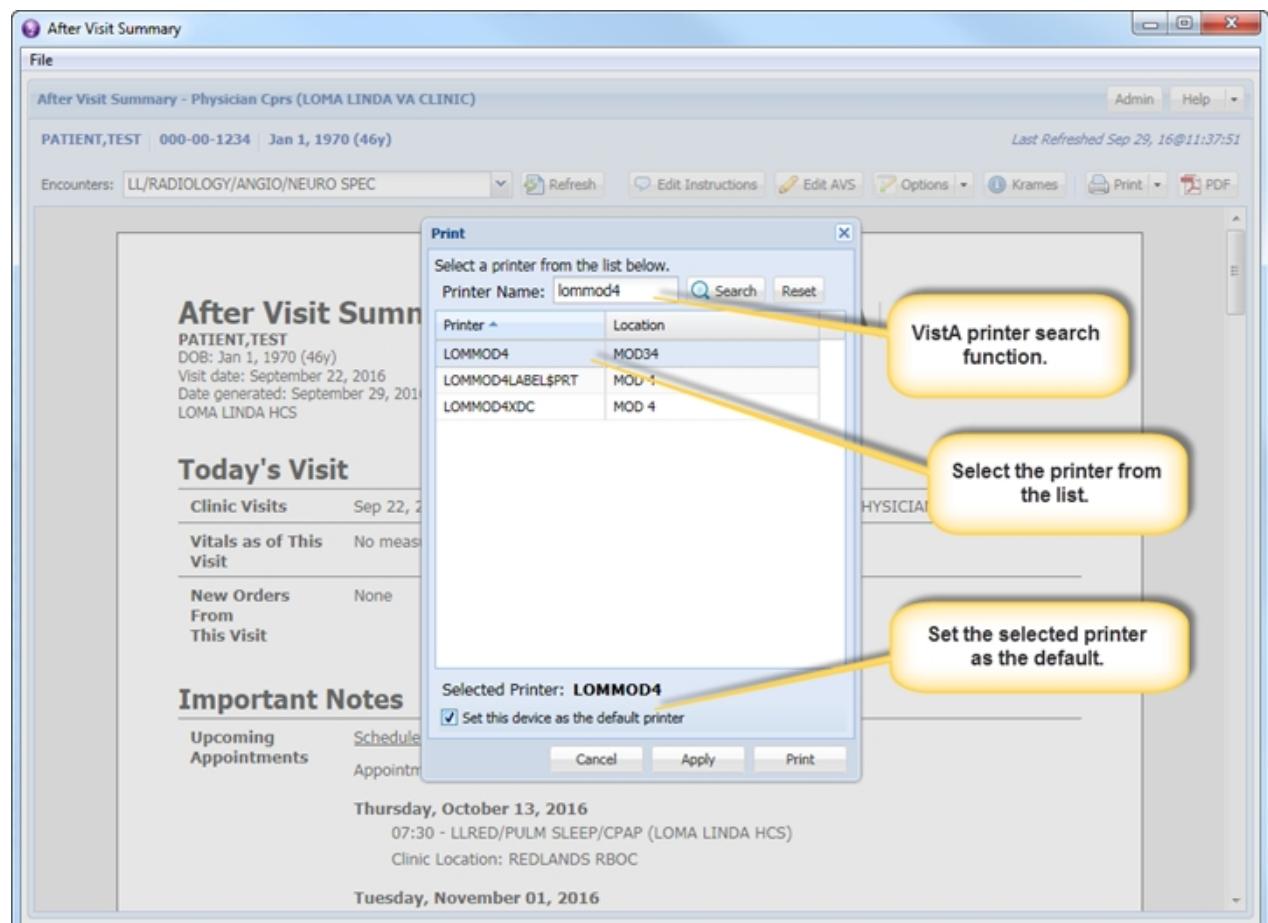
The AVS supports printing to a Windows printer that is connected directly to the user's workstation as well as to a network printer.

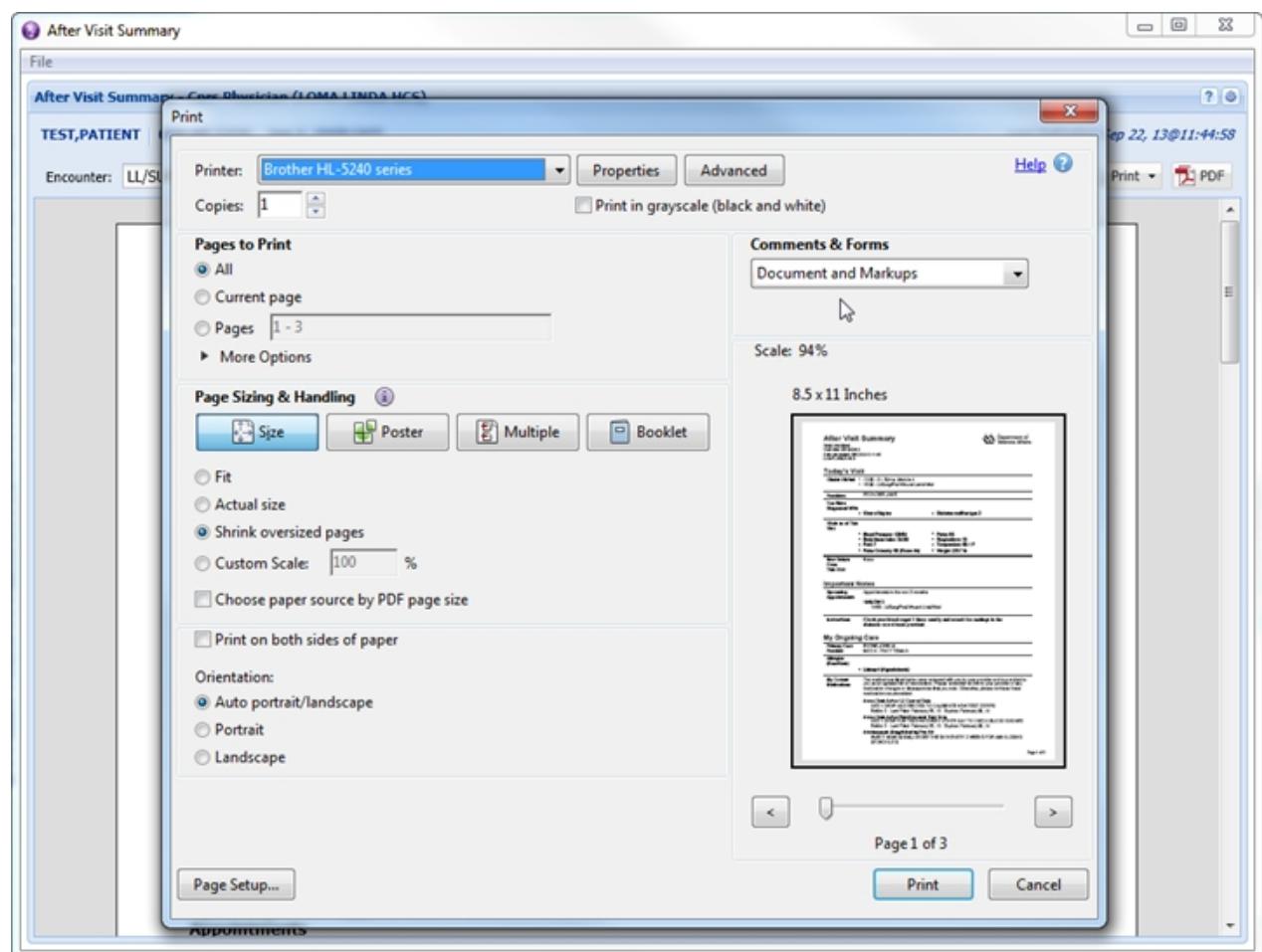
Clicking on the Default Printer option in the Print menu will either print directly to the default Windows printer, or to a network printer ("VistA Printer") that has been selected as the default printer in AVS.

Clicking on the VistA Printer option brings up a dialog that allows the user to select from and search a list of network printers that is obtained from VistA. The user may select a printer from this list as the default printer that AVS will automatically print to when the Default Printer menu option is clicked.

Clicking on the Windows Printer option invokes the standard Windows print dialog that allows the user to print to the default Windows printer or to select from a list of printers installed on the user's workstation.

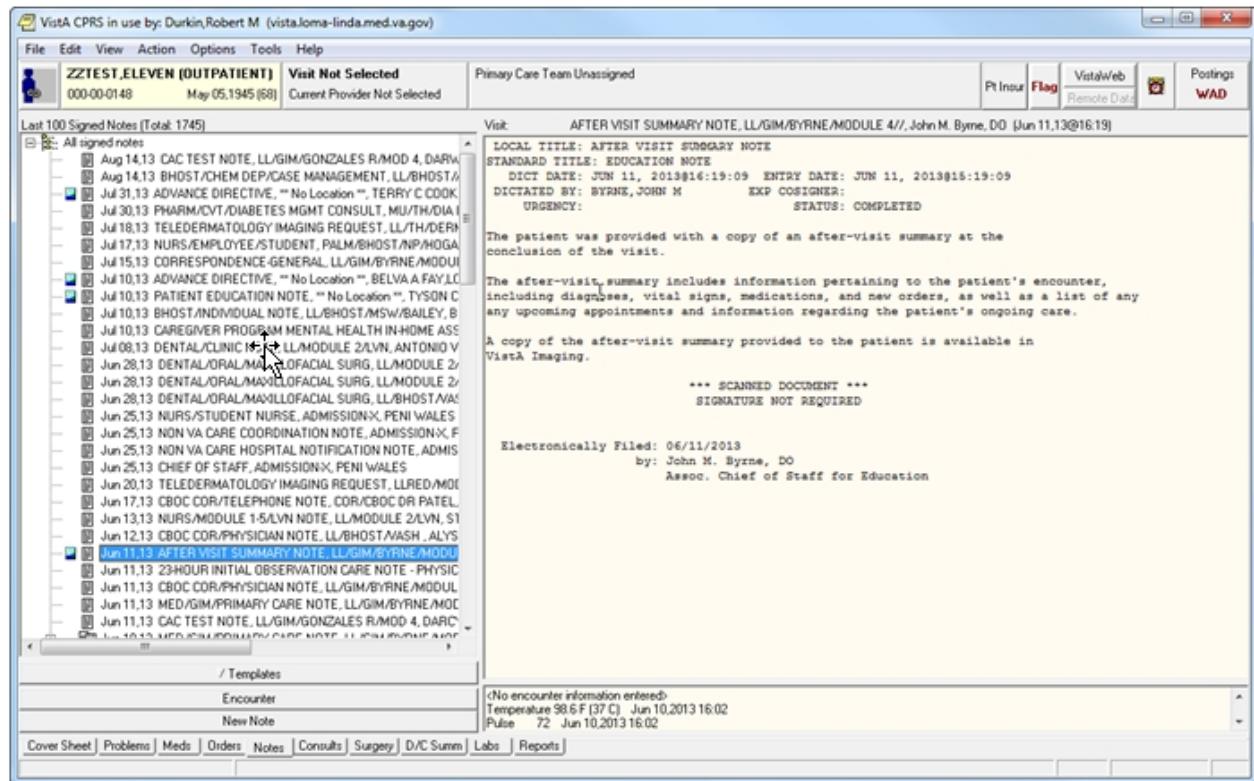


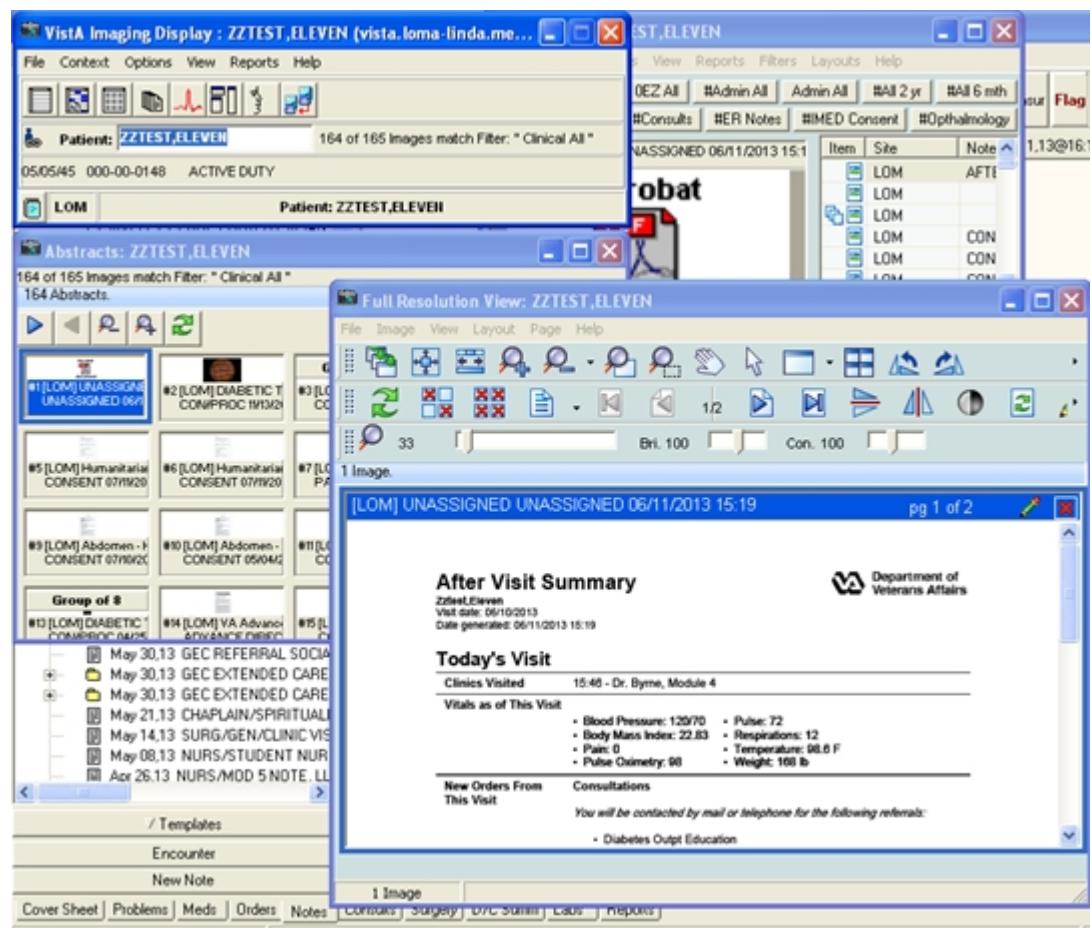




Stub Note and VistA Imaging

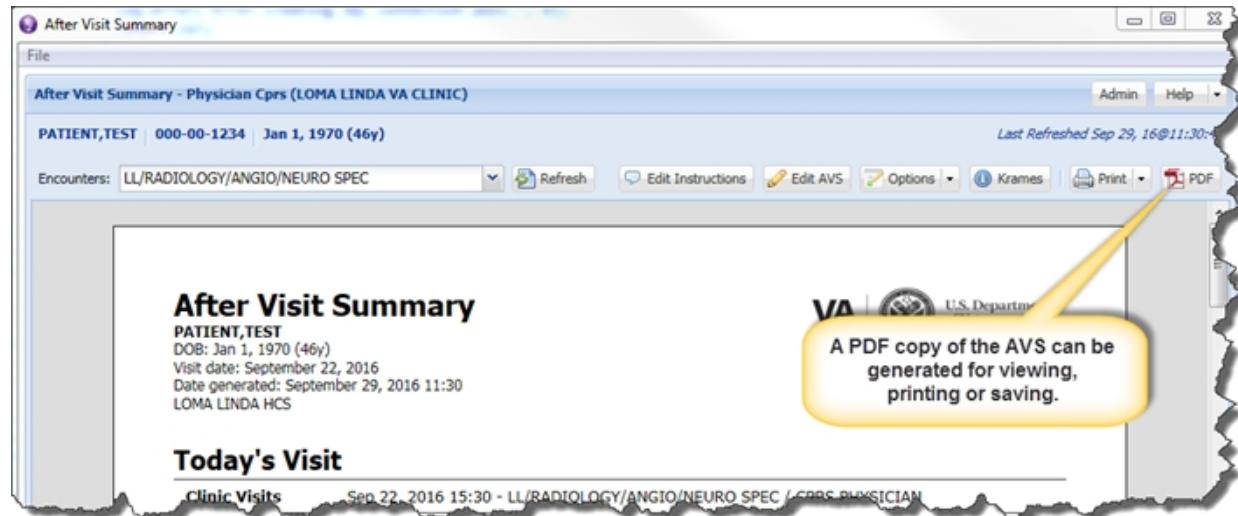
AVS automatically creates a TIU stub note and uploads a PDF copy of a patient's AVS to VistA Imaging to be a part of the patient's permanent medical record. The stub note is created which is linked to the document that is saved in VistA Imaging. The VistA Imaging upload occurs automatically in response to the AVS being printed for the first time.





PDF

A PDF copy of the AVS document may be generated and displayed within the AVS interface. The user may optionally print or save the PDF.



Admin Settings

The AVS Admin Settings interface allows for customization of the AVS by facility:

- Translation of medical terms/orders into patient-friendly text
- List of clinical service locations and contact information
- Disclaimers
- Header/footer content
- Various AVS settings
- Customizable labels

The admin interface allows the user to provide patient-friendly translations for various pieces of text, such as orders and locations, that appear in the AVS.

After Visit Summary Administration - Internet Explorer

After Visit Summary Settings - Logged in as Physician Cprs (LOMA LINDA VA CLINIC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

ID	Type	Source String	Translation (Click a cell to edit it)
339	Order Text	>> fasting labs in 2wks rtc in 12months	
69638	Order Text	>> Plan:rtc one yr with 6mo fasting lab phone appt 3-4 mo	
76620	Order Text	>> rtc one yr w prior fasting lab. PT to call us when he has the echo and ETT done to set up phone appt.	
252361	Order Text	>> RTC 12 MONTHS *UNSIGNED*	
9660	Order Text	>> RTC 3 months	Return to Clinic in 3 months
9645	Order Text	>> RTC 4 months with labs	
9650	Order Text	>> RTC 6 months	
226463	Order Text	>> RTC one yr w prior lab	
33576	Order Text	12 lead ekg fasting labs in 2wks rtc in 6 months	
8663	Order Text	12 lead ekg rtc in 12 months	
101266	Order Text	3mo fasting lab with phone appt 3-4mo r... one yr.	
8294	Order Text	a1c/microalbumin today rtc in 6 months	
63450	Order Text	actually pls set up for pt to rtc fo labs not today, he needs more, he wants next friday pls	
3812	Order Text	asa 81 x 1 dose now bp clinic in 2wks fasting labs in 2wks rtc in 6months+	
54528	Order Text	audiology info copy of labs for pt rtc 12 months w/ nonfasting labs	
23577	Order Text	bh and sleep study consults pneumovac	

Use the Admin Settings interface edit the list of clinical services, which may be printed out with a patient's AVS.

After Visit Summary Administration - Internet Explorer

After Visit Summary Settings - Logged in as Physician Cprs (LOMA LINDA VA CLINIC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

Clinical Services Information

Name	Location	Operating Hours	Phone	Comment
Audiology	Building 30	0800-1630	909-827-7084, ext 7299	
Bariatric Surgery	3 Northwest	0800-1630	909-825-7084, ext 2498	
Behavioral Medicine	Second Floor	0800-1630	909-583-69	
Cardiology	4th Floor	0800-1630	909-583-6	
Community Based Clinic, Blythe	1273 Hobson Way, Blythe, CA 92225	0800-1630		
Community Based Clinic, Corona	800 MAGNOLIA, Corona, CA 92879	0800-1700 0800-1430		
Community Based Clinic, Murrieta	28078 Baxter Rd., Suite 540, Murrieta, CA 92563	0800-1700 0800-1430		
Community Based Clinic, Palm Desert	41-990 Cook St, Bldg F Ste 1004, Palm Desert, CA 92211	0800-1700 0800-1430		
Community Based Clinic, Rancho Cucamonga	8599 Haven Ave., Suite 102, Rancho Cucamonga, CA 91730	0800-1700 0800-1430 Fr		
Community Based Clinic, Victorville	12138 Industrial Boulevard, Suite 120	0800-1700 M-T 0800-1430 Fri	760-951-2599	
Dental Service	2F-10, Second Floor	0800-1630	909-583-6127	
Dermatology	3 Northeast	0800-1630	909-825-7084, ext 5379	
Ears, Nose and Throat	3 Northwest	0800-1630	909-583-6144	
Endocrine Clinic	3 Northeast	0800-1630	909-825-7084, ext 5379	
Eye Clinic (Ophthalmolog		0-1630	909-583-5324	
GI (Gastroenterology)		0-1603	909-583-6100	
General Surgery		0-1630	909-825-7084, ext 1305	

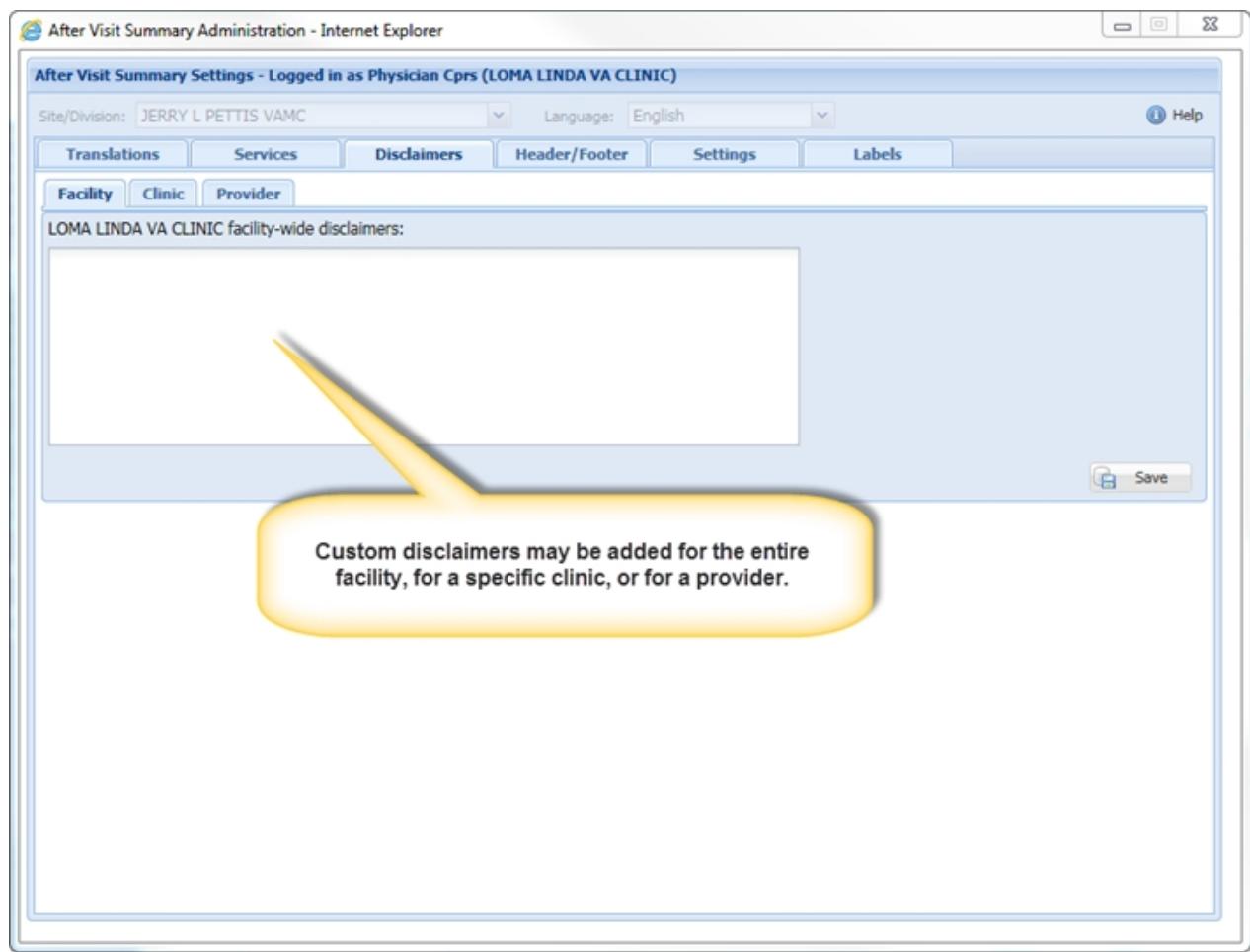
Add Service Remove Service

Clinical Services information may be entered and may be included in the AVS printout.

Click Add Service to enter information for a clinical service into the list.

Double-click on a row to edit the information for a clinical service.

Custom disclaimers can be added for different users, clinics, and for the facility.



The header and footer boilerplates of the AVS can be configured for the facility.

After Visit Summary Administration - Internet Explorer

After Visit Summary Settings - Logged in as Physician Cprs (LOMA LINDA VA CLINIC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

Translations Services Disclaimers Header/Footer Settings Labels

Header HTML:

```
<div style="float:right;margin:0 0 5px 20px;"></div><div style="font-size:1.8em;font-weight:bold;">After Visit Summary</div><div style="font-size:0.9em;font-weight:bold;">%PATIENT_NAME%</div><div style="font-size:0.9em;">DOB: %PATIENT_DOB% (%PATIENT_AGE%y)</div><div style="font-size:0.9em;">Visit date: %ENCOUNTER_DATE%</div><div style="font-size:0.9em;">Date
```

Footer HTML:

This information is meant to provide a summary of your appointment with your health care provider. If you have any questions about your care including test results, medications, diagnoses or other concerns, please contact your health care provider. **Please bring this form to your next visit as a record of your medications and alert your provider to any changes in your medications.**

Optional String Replacements

%PATIENT_NAME%	Patient name
%ENCOUNTER_DATE%	Date of the encounter
%ENCOUNTER_DATETIME%	Date and time of the encounter
%CURRENT_DATE%	Current date
%CURRENT_DATETIME%	Current date and time
%FACILITY_NAME%	Name of the facility

The HTML content of the header and footer may be edited. Optional string replacements may be used in the HTML.

Preview

After Visit Summary

Bonaparte,Napoleon
DOB: %PATIENT_DOB% (%PATIENT_AGE%y)
Visit date: 05/28/2011
Date generated: 09/28/2016 15:00
Metropolis VA Medical Center

VA | U.S. Department of Veterans Affairs

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Site-specific settings, such as the time zone, TIU note title IEN, order retrieval time range, and whether or not to include medications with a HOLD or EXPIRED status may be configured on the Settings tab.

After Visit Summary Administration - Internet Explorer

After Visit Summary Settings - Logged in as Physician Cprs (LOMA LINDA VA CLINIC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

Translations Services Disclaimers Header/Footer Settings Labels

Facility Settings

Setting	Value
Time Zone	US/Pacific
TIU Title IEN	3332
Krames Enabled (requires Krames On Demand license)	yes
Clinical Services Enabled	yes
Auto-Refresh Frequency (msec)	180000
Upcoming Appointments Range (months)	3
Order Retrieval Time From (minutes)	240
Order Retrieval Time Thru (minutes)	180
Include "HOLD" Medications	yes
Include "EXPIRED" Medications	no
Show Expired Meds From (days)	90

Various site-specific settings may be configured for the AVS.

TIU Note Text

Note: individual lines should not exceed the width of the edit box, or 80 characters. Please wrap each line with a carriage return.

The patient was provided with a copy of an after-visit summary at the conclusion of the visit.

The after-visit summary includes information pertaining to the patient's encounter, including diagnoses, vital signs, medications, and new orders, as well as a list of any any upcoming appointments and information regarding the patient's ongoing care.

The patient's medications were discussed with the patient by the provider.

The content of the TIU stub note may be edited.

Save

Customizations made to the header/footer and to the facility settings and TIU note text need to be done for each CBOC/remote clinic associated with the primary facility. Select the site/division from the drop-down menu and make the customizations for each of the sites listed.

After Visit Summary Administration - Internet Explorer

After Visit Summary Settings - Logged in as Physician Cprs (LOMA LINDA VA CLINIC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

Translations Header/Footer Settings Labels

Header HTN

```
<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc; margin-bottom: 5px;">
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">BARSTOW VETERAN STATE HOME (605DT)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">IDES FORT IRWIN ARMY BASE (605MB)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">IDES 29 PALMS MARINE BASE (605MA)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">LOMA LINDA VA CLINIC (605BZ)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">JERRY L PETTIS VAMC (605)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">RANCHO CUCAMONGA CBOC (605GE)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">CORONA (605GD)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">PALM DESERT CBOC (605GC)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">MURRIETA VETERANS CLINIC (605GB)</div>
    <div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em; color: #00008B; font-weight: bold; margin-bottom: 2px;">VICTORVILLE CLINIC (605GA)</div>
</div>
```

This information is meant to provide a summary of your appointment with your health care provider. If you have any questions about your care, please see your provider.

Optional String Replacements

String	Description
%PATIENT_NAME%	Patient name
%ENCOUNTER_DATE%	Date of the encounter
%ENCOUNTER_DATETIME%	Date and time of the encounter
%CURRENT_DATE%	Current date
%CURRENT_DATETIME%	Current date and time
%FACILITY_NAME%	Name of the facility

Section headers and labels used in the AVS may be customized for each site.

After Visit Summary Administration - Internet Explorer

After Visit Summary Settings - Logged in as Physician Cprs (LOMA LINDA VA CLINIC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

Translations Services Disclaimers Header/Footer Settings Labels

Labels

Name	Value
patientResponse	Patient Response
patientInfo	Patient Info
pox	Pulse Oximetry
aka	Also Known As
allergyVerified	Verified
preferredLanguage	Preferred Language
expires	Expires
patientName	Name
suppliesNotUsingDisclaimer	You have stated that you are no longer using the following supplies. Please remember to discuss each of these items with your providers.
providers	Providers
clinicMedsExplanation	Medications you received during your visit to a VA clinic or emergency department.
usingItem	I am using this item
returnToClinic	Return To Clinic In
notTaking	Not taking
quantity	Quantity: %QUANTITY% for %DAYS_SUPPLY% days
pvsPatientOtherQuestions	Other
consultOrdersInstructions	You will be contacted by mail or telephone for the following referrals:
recallAppointmentsInstructions	Please note that Recall appointments are not confirmed appointments. You will receive a reminder approximately 3 weeks before the Recall date to call and request the appointment. When you call, you will be assigned a confirmed appointment date and time.
nonVaMedDocumentingFacility	Documenting Facility
wt	Weight
importantNotes	Important Notes
clinicalRemindersInstructions	The list below are clinical reminders. These are health checks for prevention care (for example cancer screening) and checks on chronic conditions like diabetes. Your primary care provider and team will see this list in the computer and should discuss them with you.

Section headers and labels in the AVS may be customized by each site.
Double-click on a row to edit the label.

Installation

AVS Installation and Configuration

The majority of steps involved with getting a site up and running with the After Visit Summary can be taken care of by clinical support staff (i.e. Clinical Application Coordinator).

The first step is to set up a shortcut on the CPRS Tools menu to launch the AVS.

The CPRS Tools menu shortcut should be configured as follows:

```
After Visit Summary=\\r01dvrfpcav.s.r01.med.va.gov\avs\WebClient.exe  
title="After Visit Summary" stationNo="STATION_NO" userDuz="%DUZ"  
patientDfn="%DFN" url=http://r01dvrapappav01.r01.med.va.gov/avs/avs/  
index.html
```

- NOTE: Replace **STATION_NO** in the above shortcut with the station number of your facility.

Next, create a TIU note title to be used by the AVS to create a stub note associated with the VistA Imaging upload.

The AVS automatically uploads a PDF copy of the AVS printout to VistA Imaging and generates a stub note that is associated with the PDF upload. Note the Internal Entry Number (IEN) of the note title as you will configure this in the AVS Administrative interface.

Create a user class called "AVS ADMINISTRATOR" and assign to users responsible for configuring AVS for the facility.

User access to the AVS Admin interface, which allows for facility-wide configuration settings, is controlled by this user class. Only users with this user class can make changes to the configuration of the AVS, including settings, labels, header/footer customization, etc.

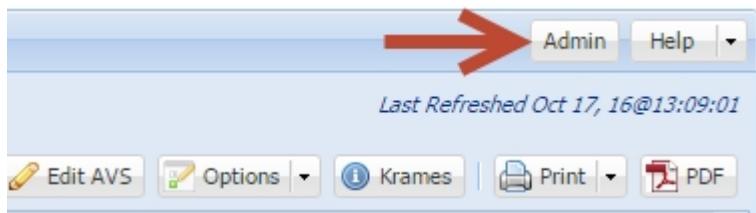
Now you can test out the AVS by launching it from the CPRS Tools menu shortcut you created in the first step above.

If the AVS fails to launch or displays an error, double-check the Tools menu shortcut to make sure it was set up correctly. Make sure your station number is correct in the shortcut and that the text of the shortcut exactly matches the above. If you still have trouble feel free to contact Rob Durkin (robert.durkin@va.gov) for assistance.

The final steps involve getting the AVS customized for your facility via the AVS Administrative interface.

The AVS is highly customizable, and there are a number of configuration options available for the AVS. For example, the section headers and labels used in the AVS can be customized.

Launch the Administrative interface by clicking the Admin button in the upper-right of the AVS window.



When the After Visit Summary Administration window opens in a separate windows click on the Header/Footer tab.

After Visit Summary Settings - Logged in as Robert M Durkin (JERRY L PETTIS VAMC)

Site/Division: JERRY L PETTIS VAMC Language: English

Translations Services Disclaimers Header/Footer

Header HTML:

```
<div style="float:right;margin:0 5px 20px;"></div><div style="font-size:1.8em;font-weight:bold;">After Visit Summary</div><div style="font-size:0.9em;font-weight:bold;">%PATIENT_NAME%</div><div style="font-size:0.9em;">DOB: %PATIENT_DOB% (%PATIENT_AGE%y)</div><div style="font-size:0.9em;">Visit date: %ENCOUNTER_DATE%</div><div style="font-size:0.9em;">Date generated: %ENCOUNTER_DATETIME%</div>
```

Footer HTML:

```
<b><b> Want to be healthier? Take the Health&Living Assessment on My Health </b></b> at <b><a href="http://www.myhealth.va.gov">www.myhealth.va.gov</a></b>. Answer the questions about your health history. You will get a list of ways to improve your health. Please bring your report to your next primary care appointment. Talk about it with your PACT-they will connect you with tools to help you succeed with your health goals. Live healthier! </b>
```

You will need to customize the header/footer for each of the divisions associated with your site.

%PATIENT_NAME%	Patient name
%ENCOUNTER_DATE%	Date of the encounter
%ENCOUNTER_DATETIME%	Date and time of the encounter
%CURRENT_DATE%	Current date
%CURRENT_DATETIME%	Current date and time
%FACILITY_NAME%	Name of the facility

Edit the default text of the footer, adding phone numbers and other relevant information.

Preview

After Visit Summary

Bonaparte,Napoleon
DOB: %PATIENT_DOB% (%PATIENT_AGE%y)
Visit date: 05/28/2011
Date generated: 10/17/2016 16:09
Metropolis VA Medical Center

Preview the changes to the header and footer here.

VA | U.S. Department of Veterans Affairs

[SHEET CONTENTS HERE]

On the Settings tab set the time zone (e.g. US/Eastern, US/Central, US/Mountain, US/Pacific), and setting the TIU title IEN.

After Visit Summary Settings - Logged in as Robert M Durkin (JERRY L PETTIS VAMC)

Site/Division: JERRY L PETTIS VAMC Language: English Help

Translations Services Disclaimers Header/Footer Settings Labels

Facility Settings

Setting	Value
Time Zone	US/Pacific
TIU Title IEN	3332
Krames Enabled (requires Krames On Demand license)	yes
Clinical Services Enabled	yes
Auto-Refresh Frequency (msec)	180000
Upcoming Appointments Range (months)	3
Order Retrieval Time From (minutes)	240
Order Retrieval Time Thru (minutes)	180
Include "HOLD" Medications	yes
Include "EXPIRED" Medications	no
Show Expired Meds From (days)	90
Include Non-Count Clinic Appointments	no
AVS Printed Health Factor (ien;name)	606407;LOM AVS Printed

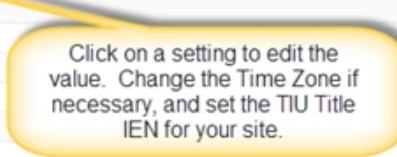
TIU Note Text

Note: individual lines should not exceed the width of the edit box, or 80 characters.
Please wrap each line with a carriage return.

The patient was provided with a copy of an after-visit summary at the conclusion of the visit.

The after-visit summary includes information pertaining to the patient's encounter, including diagnoses, vital signs, medications, and new orders, as well as a list of any any upcoming appointments and information regarding the patient's ongoing care.

The patient's medications were reviewed with the patient by the provider



You can also set up any clinical services, disclaimers, and make changes to certain labels (you may wish to look particularly at these labels, as the instructions may vary from site to site: consultOrdersInstructions, recallAppointmentsInstructions, labOrdersInstructions, imagingOrdersInstructions).