



Database & Methods Cyberseminar Series

Session 8: JLV: Practical Use in a Research Setting

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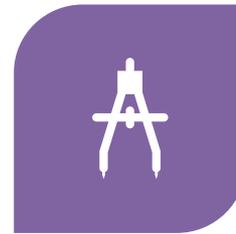
The objectives of this cyberseminar are:



OVERVIEW OF
JLV



NAVIGATING JLV



DEMONSTRATION
OF JLV



QUESTIONS

Poll #1: Your role as a data user

- What is your role in research and/or quality improvement?
 - Investigator, PI, Co-I
 - Data manager, analyst, or programmer
 - Project coordinator
 - Other – please describe via the Q&A function



Poll #2: Your experience with VA data

How many years of experience do you have working with VA data?

- One year or less
- More than 1, less than 3 years
- At least 3, less than 7 years
- At least 7, less than 10 years
- 10 years or more



JLV for Research Use

- **Overview and Uses**
- Navigating the Set-up
- Demonstration of Uses/Optimization
- Questions

JLV: What's the deal?

JLV is a viewer

- Aggregates and re-displays data from connected systems
 - Query happens at widget launch
 - Data is standardized
 - Includes more info about records and useful filters in *expanded widgets*

Data from source systems (***if available when widget launches***)

- VistA/CPRS and soon to be Cerner (Millennium)
- DoD sources [CHCS, AHLTA, Essentris, Cerner (MHS Genesis)]
- Community Health Information Exchange Partners (limited summaries)

Common uses in research

- Eligibility screening
- Chart abstraction
- Adverse event collection

Common complaints

☹ **Data is missing**

Please - don't blame the viewer!

☹ Data is hard to find

☹ Long loading times

☹ Not able to get images

☹ Not able to search for text in notes



NO HSN AGAIN this TV is garbage!



Throughout this presentation, you will find examples of helpful tips to navigate these issues – just look for the lightbulb

Example to be used throughout presentation :

Screening for patient eligibility



Common eligibility criteria

Patient's BMI >25
Potassium level \leq 5.0 mEq/L



Specialized eligibility criteria

Echocardiogram



Example patient:
CHDRZZZTESTPATIENT,
CHDRONE ONE

SSN: 666-00-0001
DOB: 03/03/1960
DoD#: 1463132140

Poll Question #3

How experienced are you in using JLV?

- a. No experience (What even is JLV?)
- b. Beginner (Have used for a few tasks)
- c. Intermediate (Have used multiple times and fairly comfortable)
- d. Expert (Have used regularly if not daily)



JLV for Research Use

- Overview and Uses
- **Navigating the Set-up**
- Demonstration of Uses/Optimization
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Setting-up JLV: Access

- For clinical access:
 - Launch directly from CPRS
- For research specific access:
 - Will need to go through DART even if already have CPRS
 - <http://vaww.vhadataportal.med.va.gov/ToolsApplications/JLV.aspx>

OUTPATIENT] Oct 10, 1950 (69)	Visit Not Selected Current Provider Not Selected	No PACT assigned	Flag	JLV	Remote Data	?
----------------------------------	---	------------------	------	-----	-------------	---

Department of Veterans Affairs		RESEARCH ACCESS TO VHA ELECTRONIC HEALTH RECORDS			
User Information					
1. Last Name, First Name, Middle Name, Suffix			2. VA E-Mail Address		
3. Job Title		4. Work Phone (Include Area Code)		5. Station (Facility) Number	
6. Full Social Security Number		7. Date of Birth (MM/DD/YYYY)		9. ISO E-Mail Address	
8. ISO Name		10. Protocol Name			
11. DART Tracking Number		12. IRB Approval Date (MM/DD/YYYY)		14. Cooperative Studies Program Number (CSP#)	
13. IRB Expiration Date (MM/DD/YYYY)					
Special User Access Requested for:					
<input type="checkbox"/> CAPRI <input type="checkbox"/> Joint Legacy Viewer (JLV)					
Level of Access					
<input type="checkbox"/> National <input type="checkbox"/> Site Restricted List					
By signing below, I affirm that I will notify National Data Systems (NDS) of any change in my position or duties as related to this protocol. I also affirm stay current on the required training to view Protected Health Information (PHI). I acknowledge that user access to this data will be restricted to what for this protocol. Data will not be reused or shared with other research projects unless specifically authorized in the protocol and approved by the IRB Review Board (IRB). Once the storage location of the data is approved, I will not move the data to other locations unless specifically authorized by NDS Systems.					
It is the responsibility of BOTH the user and the supervisor to ensure training is completed every 365 days.					
Approval					
NAME OF INDIVIDUAL REQUESTING ACCESS			DATE SIGNED (MM/DD/YYYY)		<input type="text"/>
NAME AND TITLE OF PRINCIPAL INVESTIGATOR			DATE SIGNED (MM/DD/YYYY)		<input type="text"/>
NAME OF APPROVING AUTHORITY (ACOS-R or COS)			DATE SIGNED (MM/DD/YYYY)		<input type="text"/>

Logging in

- <https://jlv.med.va.gov/JLV/>
- Login using PIV card
- If single sign-on does not work
 - CPRS/CAPRI Access/Verify
- Use the **‘View Other Sign-In Options’** link to use Windows Authentication (Network Access/Verify)



Finding patient records - DoD ID number

- Easiest to use
 - Request from VINCI
 - Find in CPRS by:
 - Clicking on patient name
 - Copying the 10-digit number between name and SSN
 - Pasting in DoD ID field in JLV
 - Make sure there are no spaces after the last digit

Patient Search ✕

DoD ID: You may need to delete a space here

OR

SSN: OR Sponsor SSN:

* Last Name: First Name:

[<< Show Advanced Search Options](#)

* When searching by SSN, Last Name or DOB is required.

Finding patient records- Full SSN and full last name

- Most commonly used
- Common last names (i.e. Smith), will need full first name as well
- Recently viewed patients are retained across sessions

Patient Search
✕

DoD ID:

OR

SSN: OR Sponsor SSN:

* Last Name: First Name:

[<< Show Advanced Search Options](#)

** When searching by SSN, Last Name or DOB is required.*

Recently Viewed Patients
Search Results

Name	DoD ID	SSN	Date of Birth	Birth Sex	SIGI
ZZTEST.ACPRS PATIENT+FIVE		000001919	20 Jan 1957	F	

Finding patient records without DoD ID or SSN

- Will need to use Advanced Search Options:
 - Full last and first name
 - Date of birth
 - Birth sex

Patient Search

DoD ID:

OR

SSN: OR Sponsor SSN:

* Last Name: First Name:

[<< Show Advanced Search Options](#)

* When searching by SSN, Last Name or DOB is required.

Patient Search ✕

DoD ID:

OR

SSN: OR Sponsor SSN:

* Last Name: First Name:

[>> Hide Advanced Search Options](#)

* DOB:  MI: Birth Sex: 

Address: State:  Zip:

City: Telephone:

* When searching by SSN, Last Name or DOB is required.

Finding patient records - Results

- A record match will populate in Search Results tab

Patient Search
✕

DoD ID:

OR

SSN: OR Sponsor SSN:

* Last Name: First Name:

[>> Hide Advanced Search Options](#)

* DOB: MI: Birth Sex: ▼

Address: State: ▼ Zip:

City: Telephone:

* When searching by SSN, Last Name or DOB is required.

Recently Viewed Patients
Search Results

Name	SSN	Date of Birth	Birth Sex	SIGI
CHDRZZZTESTPATIENT, CHDRONE ONE	666000001	19600303	M	M

JLV for Research Use

- Overview and Uses
- Navigating the Set-up
- **Demonstration of Uses/Optimization**
- Questions

Use of JLV: Adding widgets

The screenshot displays the JLV Patient Portal interface. At the top, there is a navigation bar with the JLV logo, search icons, and tabs for Patient Search, Provider Portal, and Patient Portal. The main content area shows a patient record for "CHDRZZTESTPATIENT, CHDRONE ONE" with various demographic and clinical data. A "Commonly Used Widgets" tray is visible on the left, containing several widget icons. A large blue button labeled "Open Widget Tray" is highlighted with a black oval. A red arrow points from this button to a smaller "Open Widget Tray" button located in the bottom right corner of the interface. A text box in the center of the screen provides instructions: "Open the widget tray then drag/drop into one of the three columns".

CHDRZZTESTPATIENT, CHDRONE ONE Flags AD Commonly Used Widgets Show Date Tool

PUG ANC ASH ATG CHA CLE ECH ELP

CHDRZZTESTPATIENT, CHDRONE ONE

2041 LAUGHING LANE
APT 1130
ALEXANDRIA, VIRGINIA
22302

SSN: 666000001
Age: 60
DOB: 03 Mar 1960
Race:
(h): (456)256-3033
(w): (123)123-1234
Birth Sex: M
SIGI: M

SC Percent: %
PCP:
PACT:

[Insurance](#)

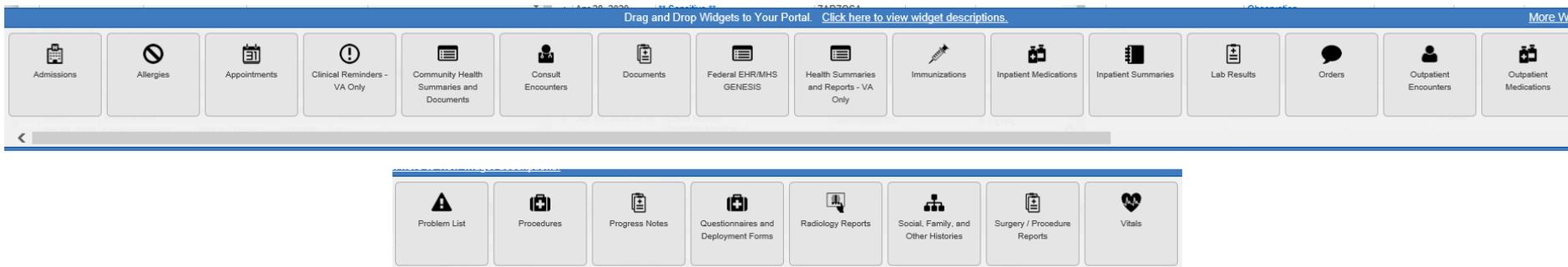
Open Widget Tray

Open Widget Tray

Open the widget tray then drag/drop into one of the three columns

Widgets by data type

- Source systems define where the data will be displayed
- Hovering over widgets in the tray will display the contents
- Data may be duplicated and cross-referenced
 - Example: Clinical Notes will be in Progress Notes, Documents and hyperlinked in Outpatient Encounters
- Scanned documents in the document widget (VistA Imaging, HAIMS)
 - May contain notes that do not appear in Progress Notes
- Community Data
 - May be scanned in the documents widget, may be available in Community Health Summaries and Documents widget



Be “Widget Wise”

- When choosing widgets, think about how information is collected
 - Example: PFTs at site are always done through community care and scanned
 - Check the Consult widget and look for the scanned PFT in the Documents widget by approximate date
 - If your site uses a CPRS progress note title for scanned images, check the Progress Notes widget and click on the camera icon



Choosing the proper widgets
makes data easier to find!

Optimization of JLV: Widgets

Close out widgets that aren't necessary for your project.

The screenshot shows the JLV patient portal interface for a patient named CHRZZZTESTPATIENT, CHDRONE ONE. The interface is cluttered with multiple widgets. A large red 'X' is overlaid on the 'Vitals' widget, indicating it should be closed. The 'Vitals' widget title bar has a red circle around the close button icon. Other visible widgets include 'Documents', 'Outpatient Medications', 'Appointments', 'Progress Notes', 'Problem List', 'Procedures', and 'Radiology Reports'.

Documents (158)
 Filtered date range: 2/11/20 - 6/19/20

Date	Description	Provider	Image	Site
Jun 10, 2020	Electrocardiogram Reports			DoD
Jun 10, 2020	EKG			DoD
Jun 10, 2020	Breast and Ovarian Cancer Screenings	DUXBURY, HEATHER D		DoD
Jun 09, 2020	Training 2 MB			DoD
Jun 08, 2020	MA-IFC TELEDERMATOLOGY (COLUMBIA)-557AS	DONLEY, LESIA J		STL
Jun 08, 2020	TELEDERMATOLOGY IMAGING OUTPATIENT (COLUMBIA)-5844			KAN

Outpatient Medications (45)
 Filtered date range: 8/11/19 - 6/10/20

Warning: duplicate DoD meds may be present.
 Click the Drug Name or More=> link to view complete medication details including the Sig

Last Fill	Drug Name	Status	Expires	Site
May 13, 2020	Zitromax 500 mg oral tablet	Completed	May 16, 2020	FEHR
May 05, 2020	COXCODONE 7.5MG/ACETAMINOPHEN 325MG TAB	EXPIRED	Jun 03, 2020	SPO
Mar 09, 2020	Tylenol 8 Hour 650 mg oral tablet, extended release	Completed	Mar 12, 2020	FEHR

Appointments (121)
 Filtered date range: 2/11/20 - 7/19/20

Scheduled Date/Time	Clinic	Provider	Site
Jun 10, 2020 09:31	Cardiology Clinic	CALIP, JERALD YUTARO	DoD
Jun 10, 2020 08:57	A CHCS Training	DUXBURY, HEATHER D	DoD
Jun 09, 2020 16:00	Cardiology Clinic	RATAY, ALISON R	DoD
Jun 09, 2020 14:00	Cardiology Clinic	RATAY, ALISON R	DoD
Jun 05, 2020 11:56	ZZANC TEST 2 ST TIME 8 (90)		ANC
Jun 04, 2020 10:00	Cardiology Clinic	RATAY, ALISON R	DoD

Progress Notes (34)
 Filtered date range: 2/11/20 - 6/19/20

Date	Document Type/Title	Provider	Image	Site
Jun 10, 2020	Electrocardiogram Reports			DoD
Jun 05, 2020	LETTER TO PATIENT	BELL, AMY G		ANC
May 19, 2020	DIABETIC RETINOPATHY SURVEILLANCE CONSULT	MEYER, TRACY L CMA		ANC
May 14, 2020	Progress Note	AdminClose		DoD
May 08, 2020	Progress Note	AdminClose		DoD
Apr 30, 2020	RECALL MSA REMINDER NOTE	MCDUFFIE, RHONDA L		ATG

Vitals (193)
 Filtered date range: 6/11/19 - 6/19/20

Height and Temperature may display with units vs. ft, inches vs. cm, F° vs. C°

Date Taken	Site
Jun 04, 2020	DoD

Problem List (72)
 Filter by Status, Active, Filter by Type, Major

Updated Date	Problem Description	ICD	Type	Status	Linked Items	Site
Jun 02, 2020	Cardiac murmur, unspecified	R01.1	Major	ACTIVE		DoD

Procedures (112)
 Filtered date range: 2/11/20 - 6/19/20

Procedure Date	Location	Provider	Procedure Description	Image	Site
Jun 10, 2020 20:19	228B Military Baseline Medical Center		Appendectomy		FEHR

Radiology Reports (112)
 Filtered date range: 2/11/20 - 6/19/20

Date	Image	Site
Jun 10, 2020		DoD
Jun 04, 2020	Echocardiogram	DoD

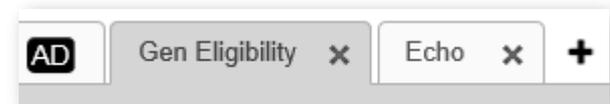
Setting up Multiple Tabs

The screenshot shows a patient portal interface with a tabbed workspace. The active tab is 'Commonly Used Widgets'. A red circle highlights a plus sign next to the tab name, and a red arrow points to an 'Add Tab' dialog box. The dialog box has a 'Tab Name:' label and an input field. Below the input field are 'Add' and 'Cancel' buttons.

Make multiple tabs for specific purposes



Having multiple tabs and duplicates of same widget with different date ranges can reduce loading times!



Only add the widgets you need on the new tabbed workspace

Examples of choosing widgets for tabs

CHDRZZTESTPATIENT, CHDRONE ONE Flags AD Gen Eligibility Echo +

Vitals (174)
Filtered date range: 6/30/19 - 6/29/20

Height, Weight and Temperature may display with different units (e.g. kg vs. lb, inches vs. cm, F° vs. C°)

Date Taken	Type	Result	Units	Site
Jun 26, 2020	BLOOD PRESSURE	120/60	mmHg	DoD
Jun 04, 2020				

Displaying 1-25 of 174 [More >>](#)

Lab Results (19)
Filtered date range: 6/30/18 - 6/29/19

Collection Date	Lab Test	Result	Lab Panel	Site
Jun 29, 2019 23:59	Blood Bank Report	result		VA
Jun 20, 2019 09:58	TOBACTERIOLOGY	result		KAN
Jun 20, 2019 09:00	TOBACTERIOLOGY	result		KAN
Oct 25, 2018 07:30	Patient Hx/Ethnicity Note	Caucasian		FEHR

Displaying 1-19 of 19 [More >>](#)

Lab Results (26)
Filtered date range: 6/30/19 - 6/29/20

Collection Date	Lab Test	Result	Lab Panel	Site
Jun 29, 2020 23:59	Blood Bank Report	result		VA
Dec 10, 2019 19:20	Manual Diff Performed	NO	CBC	DoD
Dec 10, 2019 19:20	ABS Granulocytes	0.3 x10(3)	CBC	DoD
Dec 10, 2019 19:20	Granulocytes	0.0 %	CBC	DoD
Dec 10, 2019 19:20	Mid Absolute	0.0 x10(3)	CBC	DoD
Dec 10, 2019 19:20	Nucleated RBC/100 WBC	0.0 /100 WBCs	CBC	DoD
Dec 10, 2019 19:20	ABS Basophile	0.00 x10(3)	CBC	DoD

CHDRZZTESTPATIENT, CHDRONE ONE Flags AD Gen Eligibility Echo +

Consult Encounters (105)
Filtered date range: 6/29/19 - 6/29/20

Date	Consult Order	Status	Site
Jun 25, 2020 11:31	VA VIDEO CONNECT CONNECTIVITY CHECK	DISCONTINUED	ANC
Jun 24, 2020 11:29	ANC DIABETIC RETINOPATHY SURVEILLANCE LOCAL 'OUTPT'	DISCONTINUED	ANC
Jun 24, 2020 11:22	COMMUNITY CARE-ADMIN VCCPE PHYSICAL THERAPY	PENDING	ATG
Jun 24, 2020 11:17	COMMUNITY CARE-ADMIN VCCPE PHYSICAL THERAPY	PENDING	ATG
Jun 18, 2020 11:57	VA VIDEO CONNECT CONNECTIVITY CHECK	DISCONTINUED	ANC

Displaying 1-25 of 105 [More >>](#)

Documents (811)
Filtered date range: 6/29/18 - 6/28/19

Date	Description	Provider	Image	Site
Jun 27, 2019	Dental Encounter	PARKER KEVIN B		FEHR
Jun 27, 2019	COMMUNITY CARE-ADMIN VCCPE	ROBINSON, TAMMY D		ATG
Jun 27, 2019	error removed 7 KB			DoD
Jun 27, 2019	error removed 7 KB			DoD

Displaying 1-25 of 811 [More >>](#)

Documents (698)
Filtered date range: 6/29/19 - 6/29/20

Date	Description	Provider	Image	Site
Jun 26, 2020	Asthma Control Test for Kids (4-11y)	DUXBURY, HEATHER D		DoD
Jun 26, 2020	** Sensitive ** 1 MB			DoD
Jun 26, 2020	** Sensitive ** 25 KB			DoD
Jun 25, 2020	VA VIDEO CONNECT CONNECTIVITY CHECK	GLASS, GRAHAM A		ANC
Jun 25, 2020	SLEEP MEDICINE NOTE	GLASS, GRAHAM A		ANC

Filtering widgets – Less is better!

- Example:
electrocardiogram results from last 2 years
- Decrease the number of records
- < 300 records for optimal use of filters in the expanded widget

Date	Description	Provider	Image	Site
Jun 14, 2019	TELEDERMATOLOGY IFC (PUGET SOUND)			PUG
Jun 14, 2019	IFC WI TELEDERMATOLOGY (PUGET SOUND)	SOUKUP, MICHELLE A		KAN
Jun 14, 2019	IFC WI TELEDERMATOLOGY (PUGET SOUND)	SOUKUP, MICHELLE A		KAN
Jun 14, 2019	TELEDERMATOLOGY IFC (PUGET SOUND)			PUG
Jun 14, 2019	TELEDERMATOLOGY IMAGER CONSULT NOTE V15	SOUKUP, MICHELLE A		KAN
Jun 14, 2019	TELEDERMATOLOGY REQUEST (FC) WICHITA OUTPT-589A7	SOUKUP, MICHELLE A		KAN
Jun 14, 2019	TELEDERMATOLOGY CONSULT REPORT	RAUGI, GREGORY J		PUG
Jun 14, 2019	TELEDERMATOLOGY CONSULT REPORT	RAUGI, GREGORY J		PUG
Jun 14, 2019	Teledermatology Consult			ANC

Documents (753)
Filtered date range: 6/15/18 - 6/14/19

Displaying 1-25 of 753

[More >>](#)

Filtering widgets – Use what you know

- Expanded widget → most filter options
- Check number of records < 300
- Best to filter from highest level to lowest level
 - Site > Description
 - Use drop boxes

Filters simply hide other records, your original number of records is unchanged

Documents (753)
Filtered date range: 6/15/18 - 6/14/19

If the information you expect does not appear, expand the date range.

Start date: 06/15/2018 End date: 06/14/2019 Apply 1w 2w 1m 3m 6m 1y 2y 3y 5y 10y

Filter by Description Filter by Standardized Description Filter by Provider Specialty Filter by Location
Filter by Source System Filter by Site

Enter text to filter Remove All Filters Close Filter

Date	Description	Standardized Description	Provider	Provider...	Location	Status	Im...	Source System	Site
Jun 14, 2019	TELEDERMATOLO... IFC (PUGET SOUND)					COMPLETE		Vista	PUG
Jun 14, 2019	IFC WI TELEDERMATOLOGY (PUGET SOUND)		SOUKUP, MICHELLE A	Nursing Service Related Providers		COMPLETE		Vista	KAN
Jun 14, 2019	IFC WI TELEDERMATOLOGY (PUGET SOUND)		SOUKUP, MICHELLE A	Nursing Service Related Providers		DISCONTINU...		Vista	KAN
Jun 14, 2019	TELEDERMATOLO... IFC (PUGET SOUND)					DISCONTINU...		Vista	PUG
Jun 14, 2019	TELEDERMATOLO... IMAGER CONSULT NOTE V15	Dermatology Consult note	SOUKUP, MICHELLE A	Nursing Service Related Providers	ROBERT J. DOLE VAMC			Vista	KAN

Displaying 1-25 of 753 Show All

Finding images

- Click the image column header, an arrow will show up
- Clicking on that arrow will sort by image availability
- Camera icon(📷) = image available

Documents (753)
 Filtered date range: 6/15/18 - 6/14/19
 If the information you expect does not appear, expand the date range.

Start date: 06/15/2018 End date: 06/14/2019 Apply 1w 2w 1m 3m 6m 1y 2y 3y 5y 10y

Filter by Description Filter by Standardized Description Filter by Provider Specialty Filter by Location
 Filter by Source System Filter by Site

Enter text to filter Remove All Filters [Close Filter](#)

Date	Description	Standardized Description	Provider	Provider...	Location	Status	Im	Source System	Site
+ Jun 14, 2019	IFC WI TELEDERMATOLOGY (PUGET SOUND)						📷	VistA	• KAN
+ Sep 21, 2018	DIABETIC TELERETINAL IMAGING IFC (SEATTLE)						📷	VistA	• ANC
+ Jan 31, 2019	TELEDERMATOLOGY IFC (PUGET SOUND)						📷	VistA	• ANC
+ Mar 21, 2019	DIABETIC TELERETINAL IMAGING IFC (SPOKANE) (POR) frm WEN						📷	VistA	• SPO
+ Jun 14, 2019	TELEDERMATOLOGY IFC (PUGET SOUND)						📷	VistA	• ANC

Displaying 1-25 of 753 [Show All](#)

Imaging Viewer

- After clicking the camera icon, images will open in a new browser window



Images ≠ Only pictures

- The image icon indicates an item uploaded to Vista Imaging (or HAIMS for DoD)
 - Images
 - Radiology reports
 - Test results in PDF
 - Community care results
 - Documents



Using widget filters and the image filter can help find uploaded materials quickly!

Use of JLV: Searching for text

- Report builder can combine 50 records at a time into one PDF for quick search



Report builder is a great tool for searching for text in records!

Using our example:
Potassium level ≥ 5.0 mEq/L

- First, expand widget
- Second, text filter for CBC
- Third, select records to send to Report Builder

The screenshot shows a 'Lab Results (25)' window with a date range filter set to 06/16/2019 to 06/15/2020. A search filter is applied for 'CBC' under the 'Filter by Lab Panel' dropdown. A red circle highlights the search filter input field, and a red arrow points from the text 'Second, text filter for CBC' in the adjacent list to this field. The table below shows several records with 'CBC' as the Lab Panel.

Collection Date	Specimen Source	Units	Ref Range	Lab Panel	Type	Order Num...	Ordering HC...
Dec 10, 2019 19:20	BLOOD	normal	(1.7-7.7)	CBC	CHEM	191210-13089	ZARZOSA A
Dec 10, 2019 19:20	BLOOD	normal	(52.5-80.9)	CBC	CHEM	191210-13089	ZARZOSA A
Dec 10, 2019 19:20	BLOOD	normal	(0.3-0.7)	CBC	CHEM	191210-13089	ZARZOSA A
Dec 10, 2019 19:20	BLOOD	/100 WBCs	(0.0-0.0)	CBC	CHEM	191210-13089	ZARZOSA A
Dec 10, 2019 19:20	BLOOD	x10(3)	(0.0-0.2)	CBC	CHEM	191210-13089	ZARZOSA A
Dec 10, 2019 19:20	BLOOD	ABS Eosinophils	0.20 x10(3)	CBC	CHEM	191210-13089	ZARZOSA A
Dec 10, 2019 19:20	BLOOD	ABS Monocytes	0.8 x10(3)	CBC	CHEM	191210-13089	ZARZOSA A

Building the report

+ Collection Date	▼
RB	Dec 10, 2019 19:20



To build report,
select notepad icon
in top right corner of
JLV

Records that are
selected to be sent
to report builder

Report Builder

Current Report Patient Reports (0)

Use EZ Select to add records to a report. Click [here](#) for additional instructions on using EZ Select and adding record details.

Date	Selected Items
Dec 10, 2019	Lab Results Record with Details Dec 10, 2019 19:20 BLOOD Manual Diff Performed Manual differential performed [Presence] in Blood NO CBC CHEM 191210-13089 ZARZOSA, CRYSTAL A Final DoD
Dec 10, 2019	Lab Results Record with Details Dec 10, 2019 19:20 BLOOD ABS Granulocytes Granulocytes [#volume] in Blood by Automated count 0.3 x10(3) Lower Than Normal x10(3) (1.7-7.7) CBC CHEM 191210-13089 ZARZOSA, CRYSTAL A Final DoD

Clear Selected Record Clear All Build

Preview of Record

Collection Date	Specimen Source	Lab Test	Standardized Lab Test	R
Dec 10, 2019 19:20	BLOOD	Manual Diff Performed	Manual differential performed [Presence] in Blood	NO

Report builder
window will appear;
select build

Final report

Completed report is stored in JLV for 72 hours even if you clear 'Current Report' or logout

Report Builder

Current Report Patient Reports (1)

Make sure to print the report prior to expiration date and time.

Report	Status
<input type="checkbox"/> Potassium Created on June 15th 2020, 11:30 am for patient CHRZZZTESTPATIENT, CHDRONE ONE Expires on June 18th 2020, 11:30 am	<input checked="" type="checkbox"/> COMPLETED Contents (25 of 25)

Report Builder Document - Internet Explorer

Medical Record

CHRZZZTESTPATIENT, CHDRONE ONE DOB: SSN: Created: June 15, 2020 11:30 am

Lab Results

Collection Date	Specimen Source	Lab Test	Standardized Lab Test	Result	Interpretation	Units	Ref Range	Lab Panel	Type	Order Number	Ordering HCP	Ordering HCP Specialty	Status	Site
Dec 10, 2019 19:20	BLOOD	Manual Diff	Manual differential performed (Presence) in Blood	NO				CBC	CHEM	191210-13089	ZARZOSA, CRYSTAL A		Final	DoD

Lab Results ~ DoD: JB San Antonio Military Treatment Facility, TX 78205 Manual Diff Performed

Order Date: Dec 10, 2019 12:36
 Collection Date: Dec 10, 2019 19:20
 Order Number: 191210-13089
 Order Comments: Testing > for surrogates
 Accession: 191210 HEW 38482

Lab Test	Standardized Lab Test	Specimen Source	Result	Result Date	Units	Interpretation	Reference Range	Certification Date	Performing Lab	Comment
Manual Diff Performed	Manual differential performed (Presence) in Blood Standardized Code: S0957-0	BLOOD	NO	Dec 10, 2019 13:23				Certified: Dec 10, 2019 13:23		

L=Low | H=High | **=Critical | R=Retest | S=Susc | MS=Mod Susc | I=Intermed | []=Uncert
 /A=Amended | Comments= (O)der, (I)nterpretations, (R)esult

Lab Results

Collection Date	Specimen Source	Lab Test	Standardized Lab Test	Result	Interpretation	Units	Ref Range	Lab Panel	Type	Order Number	Ordering HCP	Ordering HCP Specialty	Status	Site
Dec 10, 2019 19:20	BLOOD	ABS Granulocytes	Granulocytes (#/volume) in Blood by Automated count	0.3 x10(3)	Lower Than Normal	x10(3)	(1.7-7.7)	CBC	CHEM	191210-13089	ZARZOSA, CRYSTAL A		Final	DoD

Lab Results ~ DoD: JB San Antonio Military Treatment Facility, TX 78205 ABS Granulocytes

Order Date: Dec 10, 2019 12:36
 Collection Date: Dec 10, 2019 19:20
 Order Number: 191210-13089
 Order Comments: Testing > for surrogates
 Accession: 191210 HEW 38482

Lab Test	Standardized Lab Test	Specimen Source	Result	Result Date	Units	Interpretation	Reference Range	Certification Date	Performing Lab	Comment
ABS Granulocytes	Granulocytes (#/volume) in Blood by Automated count Standardized Code: 20482-6	BLOOD	0.3 x10(3)	Dec 10, 2019 13:23	x10(3)	Lower Than Normal	(1.7-7.7)	Certified: Dec 10, 2019 13:23		

L=Low | H=High | **=Critical | R=Retest | S=Susc | MS=Mod Susc | I=Intermed | []=Uncert
 /A=Amended | Comments= (O)der, (I)nterpretations, (R)esult

Lab Results

Collection Date	Specimen Source	Lab Test	Standardized Lab Test	Result	Interpretation	Units	Ref Range	Lab Panel	Type	Order Number	Ordering HCP	Ordering HCP Specialty	Status	Site
Dec 10, 2019 19:20	BLOOD	Granulocytes	Granulocytes/100 leukocytes in Blood by Automated count	0.0 %	Lower Than Normal	%	(52.5-85.0)	CBC	CHEM	191210-13089	ZARZOSA, CRYSTAL A		Final	DoD

Once built, the report functions like a typical PDF
i.e. TEXT SEARCHABLE

Searching for text in PDF

- To use find function:
 - Control + F
- or
- Click on magnifying glass
- Keep track of the page number

Refer to JLV Report Builder Training for more

Report Builder Document - Internet Explorer

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Find

potassium

Previous Next

MCV [79-99 fL]	81 fL (1/22/17 6:09 PM)	
eGFR Non-AA [>=60 mL/min/1.73 m ²]	35 mL/min/1.73 m ² *LOW* (2/8/17 7:18 AM)	
MCH [25.7-32.2 pg]	30.0 pg (2/8/17 7:18 AM)	
MCH [28.0-32.0 pg]	30.0 pg (1/22/17 6:09 PM)	
Lymphocyte % Auto [21.8-53.1 %]	44.0 % (2/8/17 7:18 AM)	
Lymphocyte % Auto [15.0-49.0 %]	7.0 % *LOW* (1/22/17 6:09 PM)	
WBC [3.5-11.0 10 ³ /uL]	6.0 10 ³ /uL (2/8/17 7:18 AM)	
WBC [3.6-11.1 K/mcL]	3.5 K/mcL *LOW* (1/22/17 6:09 PM)	
Hgb A2 % [2.2-3.2]	TNP *NA* (10/25/18 7:30 AM)	
Eosinophil % Auto [0.0-6.0 %]	0.0 % (2/8/17 7:18 AM)	
Eosinophil % Auto [0.0-5.0 %]	5.0 % (1/22/17 6:09 PM)	
Neutro Absolute [1.78-7.00 10 ³ /uL]	4.00 10 ³ /uL (2/8/17 7:18 AM)	
Neutro Absolute [2.0-8.0 K/mcL]	5.0 K/mcL (1/22/17 6:09 PM)	
Hgb A % [94.5-98.2]	TNP *NA* (10/25/18 7:30 AM)	
Potassium Lvl [3.5-5.3 mmol/L]	5.0 mmol/L (2/8/17 7:18 AM)	
Hgb Interp	TNP, written on the accession slip to Cancel the Test. *NA* (10/25/18 7:30 AM)	
Hemoglobin [13.0-18.0]	TNP *NA* (10/25/18 7:30 AM)	
Hemoglobin [13.7-17.5 g/dL]	15.0 g/dL (2/8/17 7:18 AM)	14.0 g/dL (1/28/17 6:42 AM)
Hemoglobin [12.9-16.1 g/dL]	14.0 g/dL (1/22/17 6:09 PM)	
Differential? [Auto]	Auto (2/8/17 7:18 AM)	Auto (1/22/17 6:09 PM)

CHDRZZZTESTPATIENT

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Disclaimer: "The information contained in this document may contain privileged and confidential information including patient information protected by federal and state privacy laws."

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Take-away



Choosing the proper widgets makes data easier to find!



Having multiple tabs and duplicates of same widget with different date ranges can reduce loading times!



Using widget filters and the image filter can help find uploaded materials quickly!



Report builder is a great tool for searching for text in records!

JLV for Research Use

- Overview and Uses
- Navigating the Set-up
- Demonstration of Uses/Optimization
- **Questions**

Q&A Live Demo

Additional Resources

JLV Intro Training Videos

<https://dvagov.sharepoint.com/sites/VACOVE2/JLV/Resources/Forms/AllItems.aspx?viewpath=%2Fsites%2FVACOVE2%2FJLV%2FResources%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FVACOVE2%2FJLV%2FResources%2FJLV%20Introductory%20Training%20Videos>

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VIReC Options for Specific Questions

- Community knowledge sharing
- ~1,400 VA data users
- Researchers, operations, data stewards, managers

- Subscribe by visiting <http://vaww.virec.research.va.gov/Support/HSRData-L.htm> (VA Intranet)



- Individualized support



virec@va.gov

(708) 202-2413

Quick links for VA data resources

Quick Guide: Resources for Using VA Data

<https://vaww.virec.research.va.gov/Toolkit/QG-Resources-for-Using-VA-Data.pdf> (VA Intranet)

VIReC: <https://vaww.virec.research.va.gov/Index.htm> (VA Intranet)

VIReC Cyberseminars: <https://www.virec.research.va.gov/Resources/Cyberseminars.asp>

VHA Data Portal: <https://vaww.vhadataportal.med.va.gov/Home.aspx> (VA Intranet)

VINCI: <https://vaww.vinci.med.va.gov/vincicentral/> (VA Intranet)

Health Economics Resource Center (HERC): <https://vaww.herc.research.va.gov> (VA Intranet)

CDW: <https://vaww.cdw.va.gov/Pages/CDWHome.aspx> (VA Intranet)

Archived cyberseminar: What can the HSR&D Resource Centers do for you?

https://www.hsrdr.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=1014

**Next session:
September 14th @ 1 pm Eastern
(no seminar in August)**



Database & Methods Cyberseminar Series

VA Pharmacy Data

**Bonnie Paris, PhD &
Joshua Thorpe, PhD, MPH**