



Database & Methods Cyberseminar Series

Informational seminars to help VA researchers access and use VA databases.

Topics

- VA data sources & data access systems
- Application of VA data to research and quality improvement questions
- Limitations of secondary data use
- Resources to support VA data use



FY21 Upcoming Sessions

First Monday of the month | 1:00pm-2:00pm ET

Date	Topic
3/15/21	Joint Longitudinal Viewer (JLV) and Research, Part 2: A Deeper Look
4/5/21	Race and Ethnicity in VA Data
5/3/21	VA Pharmacy Data
6/7/21	Ascertaining Veterans' Vital Status: Data Sources for Mortality Ascertainment and Cause of Death

Visit our Education page for more information & registration links:

<https://bit.ly/39B1JUo>

Visit HSR&D's VIREC Cyberseminar Archive to watch previous sessions:

<https://bit.ly/3dZFJWG>

Where can I download a copy of the slides?

VA HSR&D

CYBERSEMINARS



SAMPLE EMAIL

Host: HSR&D Cyberseminars (cyberseminar@va.gov)

Event number (access code): 199 009 5117

Event password: 3844

Registration ID: This event does not require an enrollment ID

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USA Toll Number: 14043971596

Toll-free dialing restrictions:

https://www.webex.com/pdf/tollfree_restrictions.pdf

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 Database & Methods Cyberseminar Series

Session 5:

JLV and Research Part 1:
Getting Started

Amber Lane, BS & Reese Omizo, MD

Poll #1: What is your **role** in research and/or quality improvement projects?

- Investigator, PI, Co-I
- Statistician, data manager, analyst, or programmer
- Project coordinator
- Other – please describe via the Q&A function



Poll #2: How many **years of experience** working with VA data?

- None – I'm brand new to this!
- 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



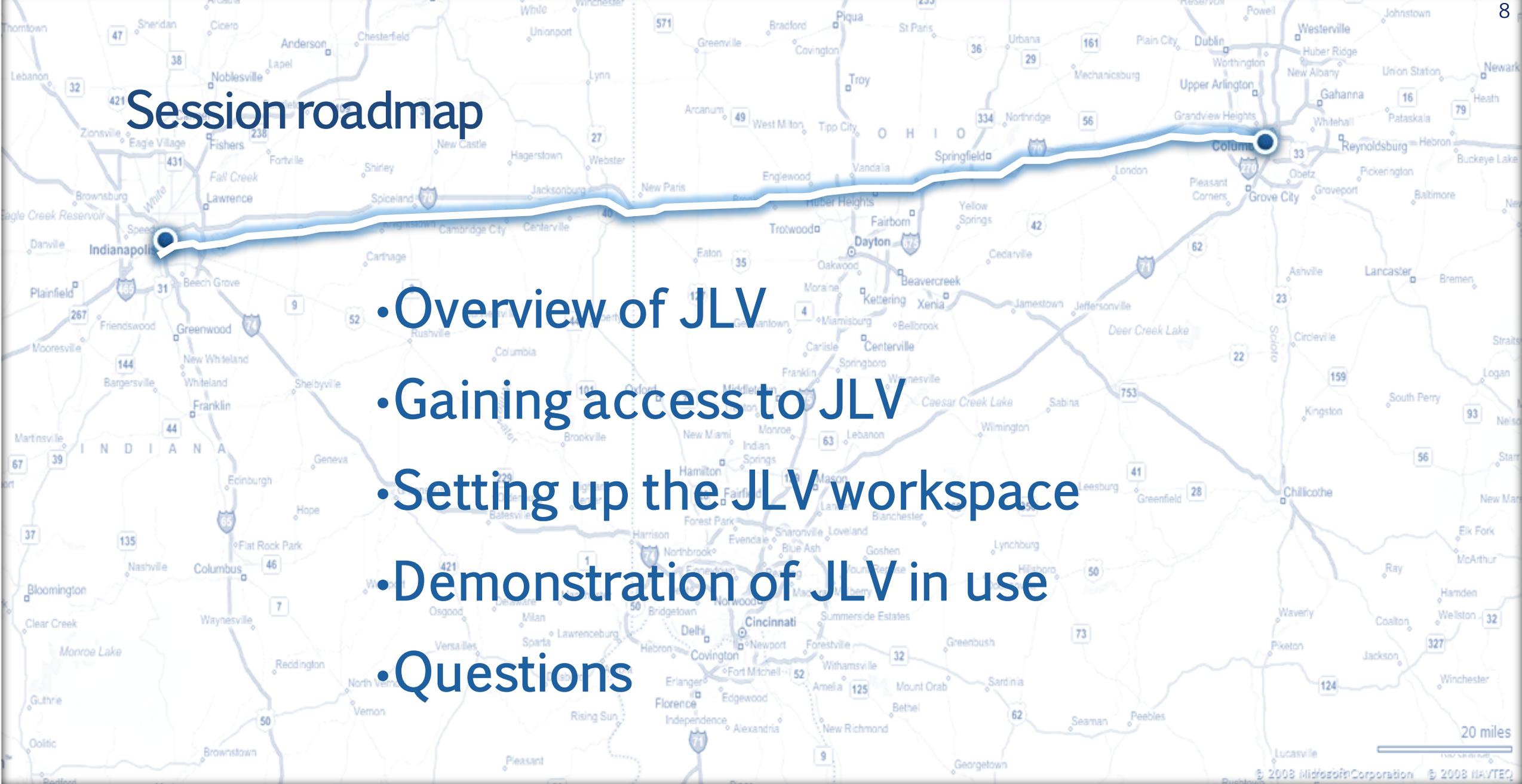
Poll #3: How long have you been using JLV?

- None – I'm brand new to this!
- One year or less
- More than 1, less than 3 years
- At least 3, less than 7 years
- 7 years or more



Session roadmap

- Overview of JLV
- Gaining access to JLV
- Setting up the JLV workspace
- Demonstration of JLV in use
- Questions



Joint Longitudinal Viewer (JLV): What is it?

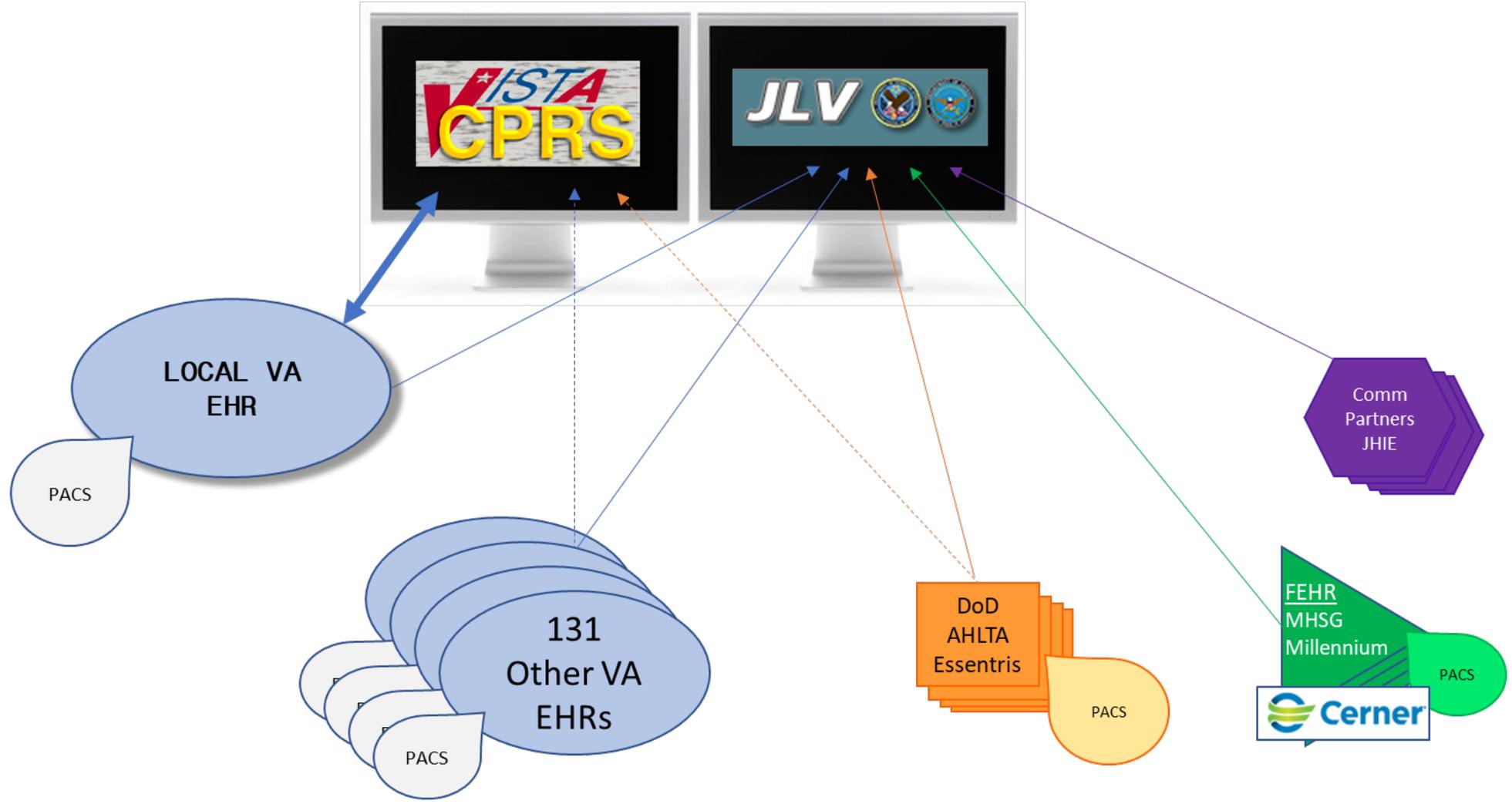
- Previously called “Joint Legacy Viewer”
- JLV is a web-based viewer of patient-centric EHR data
 - Aggregates and displays data from connected systems
 - Query happens at widget launch
 - Data is standardized
- Includes data from source systems (*if available when widget launches*)
 - VistA/CPRS and Cerner (Millennium)
 - DoD sources [CHCS, AHLTA, Essentris, Cerner (MHS Genesis)]
 - Community Health Information Exchange Partners (limited summaries)

FAQ: What is difference between JLV/CAPRI/VistA Web/CPRS?

- JLV has replaced VistA Web functionality.
 - VistA Web was decommissioned in February 2020
- CAPRI is read-only access to the VistA EHR, with more functionality than JLV for looking at benefits that Veterans applied for/received
- CPRS is the current editable EHR which is currently in the process of being replaced by Cerner Millennium. Information is displayed from one VistA system only unless 'remote data views' are requested

CPRS GUI
local data display + write back + POE
limited access to other VistA, DoD systems

JLV Web Application
data display only
accesses all available VistA, DoD and HIE partner data



FAQ: Can JLV be used to generate lists of patients?

- No. JLV is a patient-centric viewer. It looks at one patient's record across all connected systems.
- Generating patient lists requires aggregation of full databases in a data warehouse like CDW.
- For more information, please visit:
<https://vaww.vinci.med.va.gov/vincicentral/#>

Gaining access to JLV

- Type of use = Type of Access needed
 - Three types of use:
 - Operation/Non-Research
 - Preparatory to Research
 - Research
- Start here to determine definitions:
<http://vaww.vhadataportal.med.va.gov/ToolsApplications/JLV.aspx#transition>

Accessing JLV from CPRS

- JLV uses the same login credentials as CAPRI/CPRS.

BUT, this should only be used for operations!



- For Research, you need to request use of JLV for each project you are using it on

Data Access Request Tracker (DART)

- For research specific access:
 - Submit request via the Data Access Request Tracker (DART)
 - <http://vaww.vhadataportal.med.va.gov/ToolsApplications/JLV.aspx>
- Important note: Waiver of HIPAA Authorization application and/or study protocol must contain description of what data will be accessed and where it will be stored.

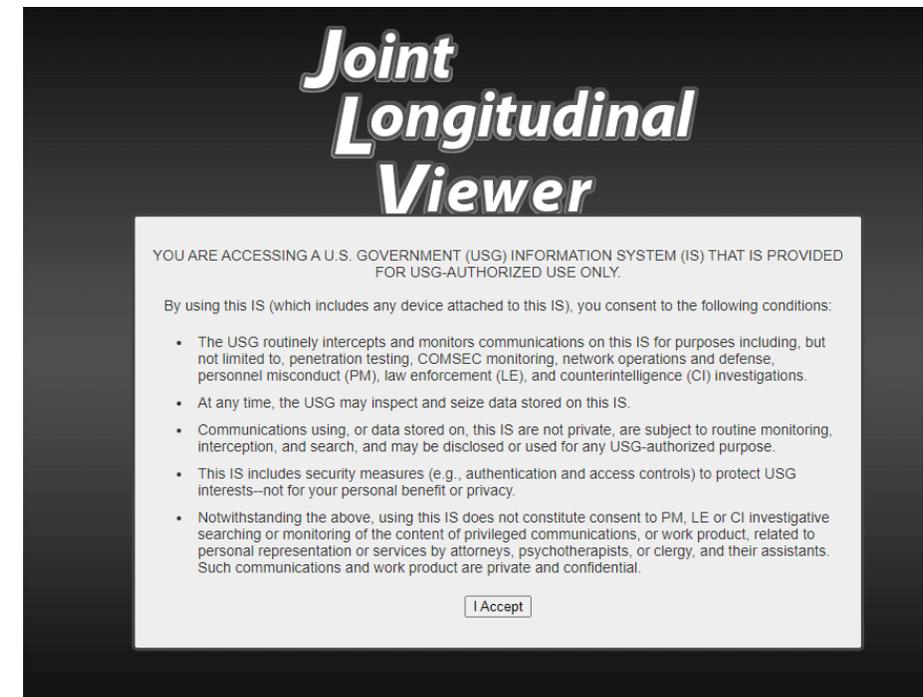
Department of Veterans Affairs		RESEARCH ACCESS TO VHA ELECTRONIC HEALTH RECORDS	
User Information			
1. Last Name, First Name, Middle Name, Suffix		2. VA E-Mail Address	
3. Job Title	4. Work Phone (Include Area Code)	5. Station (Facility) Number	
6. Full Social Security Number	7. Date of Birth (MM/DD/YYYY)	8. ISO Name	9. ISO E-Mail Address
10. Protocol Name		11. DART Tracking Number	
12. IRB Approval Date (MM/DD/YYYY)	13. IRB Expiration Date (MM/DD/YYYY)	14. Cooperative Studies Program Number (CSP#)	
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			
<p>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 In 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 N Systems.</p> <p>It is the responsibility of BOTH the user and the supervisor to ensure training is completed every 365 days.</p>			
Approval			
NAME OF INDIVIDUAL REQUESTING ACCESS	DATE SIGNED (MM/DD/YYYY)	SIGNATURE	
NAME AND TITLE OF PRINCIPAL INVESTIGATOR	DATE SIGNED (MM/DD/YYYY)	SIGNATURE	
NAME OF APPROVING AUTHORITY (ACOS-R or COS)	DATE SIGNED (MM/DD/YYYY)	SIGNATURE	

More Information on Requesting Access to JLV

- Previous HSR&D cyberseminar- “Requesting Access to VA Data” (11/2/2020)
 - https://www.hsrd.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=3882
- Future HSR&D cyberseminar- “Requesting Research Data Access Using DART” on Thursday, March 11th at 2pm EST
- VHA Data portal:
 - <http://vaww.vhadataportal.med.va.gov/ToolsApplications/JLV.aspx>

Logging in

- Google Chrome/Edge are the ideal browsers
 - <https://jlv.med.va.gov/JLV/>
- Login using PIV card
- If PIV does not work
 - CPRS/CAPRI Access/Verify or
 - Use the 'View Other Sign-In Options' link to use Windows Authentication (Network Access/Verify)



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 full SSN

Will need to use Advanced Search Options:

- Full last and first name
- Date of birth
- Birth sex

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- Opened Patient Record

JLV Patient Search Provider Portal Patient Portal LANE, AMBER D

CHDRZZTESTPATIENT, CHDRONE ONE Flags AD Testing x AE x Meds and Labs x Radiology x Primary care notes x +

PUG ANC ASH ATG CHA CLE COS ECH

CHDRZZTESTPATIENT, CHDRONE ONE

PO BOX 68920
ORO VALLEY, ARIZONA
85737-0007

SSN: 666000001
Age: 60
DOB: 03 Mar 1960
Race:
(h): (910)236-5884
(w): (816)885-3669
Birth Sex: M
Gender ID: Male

[VA Care Teams](#)
[Military Service](#)
[Eligibility & Enrollment](#)
[Insurance](#)

Documents (307)
Filtered date range: 1/2/20 - 6/2/20

Opening some FEHR (Cerner documents) may result in an error. Technical teams are working on this issue.

Patient Flags and Postings (63) ~ CHDRZZTESTPATIENT, CHDRONE ONE

COVID: Check Lab Results and Documents for DoD and FEHR (Cerner) data. Test results for Mann-Grandstaff (Spokane) after 10/23/20 are not reflected in the VA COVID Status Indicator.

Message	Action/Note(s)	Site
+ Allergies		DoD
+ BEHAVIORAL		PUG
+ BEHAVIORAL		ANC
+ BEHAVIORAL		ASH
+ BEHAVIORAL		ATG
+ BEHAVIORAL		CHA
+ BEHAVIORAL		CLE
+ BEHAVIORAL		COS
+ BEHAVIORAL		ECH
+ BEHAVIORAL		ELP
+ BEHAVIORAL		ERI
+ BEHAVIORAL		FHM
+ BEHAVIORAL		FNC
+ BEHAVIORAL		GRJ
+ BEHAVIORAL		HAM

Displaying 1-25 of 63

Consult Encounters (43)
Filtered date range: 10/21/20 - 2/18/21

Date	Consult Order	Status	Site
+ Feb 12, 2021 11:10	AUDIOLOGY VESTIBULAR CONSULT OUTPT	CANCELLED	COS
+ Feb 10, 2021 15:10	TELEDERMATOLOGY IFC (PUGET SOUND)	DISCONTINUED	ANC
+ Feb 10, 2021 15:10	TELEDERMATOLOGY IFC (PUGET SOUND)	DISCONTINUED	PUG
+ Feb 10, 2021 13:34	JNU TELEDERMATOLOGY 'OUTPT'	COMPLETE	ANC
+ Jan 29, 2021 10:39	AUDIOLOGY OUTPATIENT	DISCONTINUED	MAD
+ Jan 29, 2021 10:36	PODIATRY OUTPATIENT	DISCONTINUED	MAD
+ Jan 25, 2021 11:58	EMPLOYEE HEALTH AUDIOLOGY	DISCONTINUED	COS

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Open Widget Tray

Demographics and Flags

CHDRZZZTESTPATIENT, CHDRONE ONE Flags AD Testing x AE x +

PUG ANC ASH ATG CHA CLE COS ECH

CHDRZZZTESTPATIENT, CHDRONE ONE ⓘ +

PO BOX 68920
ORO VALLEY, ARIZONA
85737-0007

SSN: 666000001
Age: 60
DOB: 03 Mar 1960
Race:
(h): (816)885-3669
(w):
Birth Sex: M
Gender ID: Male

SC Percent: %
PCP:
PACT:

[Military Service](#) [Eligibility & Enrollment](#) [Insurance](#)

Patient Flags and Postings (62) ⓘ 🔍 📄 🖨️ ⌵ ⌶ ✕

COVID: Check Lab Results and Documents for DoD and FEHR (Cerner) data.
Test results for Mann-Grandstaff (Spokane) after 10/23/20 are not reflected in the [VA COVID Status Indicator](#).

Message	Action/Note(s)	Site
+ Allergies		DoD
+ BEHAVIORAL		PUG
+ BEHAVIORAL		ANC
+ BEHAVIORAL		ASH
+ BEHAVIORAL		ATG
+ BEHAVIORAL		CHA
+ BEHAVIORAL		CLE
+ BEHAVIORAL		COS
+ BEHAVIORAL		ECH
+ BEHAVIORAL		ELP
+ BEHAVIORAL		ERI
+ BEHAVIORAL		FHM
+ BEHAVIORAL		FNC
+ BEHAVIORAL		GRJ
+ BEHAVIORAL		HAM

⏪ 1 2 3 ⏩ Displaying 1-25 of 62

Demographics and Flags will load immediately when patient record is opened.

Open flags or advance directives

CHDRZZZTESTPATIENT, CHDRONE ONE

Flags AD Testing x AE x +

PUG ANC ASH ATG CHA CLE COS ECH

CHDRZZZTESTPATIENT, CHDRONE ONE

PO BOX 68920
ORO VALLEY, ARIZONA
85737-0007

SSN: 666000001
Age: 60
DOB: 03 Mar 1960
Race:
(h): (816)885-3669
(w):
Birth Sex: M
Gender ID: Male

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Locations that Veteran has been seen

Setting up your space: Adding widgets

Widgets- elements within JLV portals that contain and display data specific to a clinical domain

The screenshot displays the JLV Patient Portal interface. At the top, there is a navigation bar with the JLV logo, search icons, and user information for LANE, AMBER D. Below the navigation bar, the patient record for CHDRZZTESTPATIENT, CHDRONE ONE is shown. The record includes personal and contact information, as well as medical details like SSN, age, DOB, race, and phone numbers. A widget tray is visible on the right side of the screen, containing a button labeled "Open Widget Tray". A red arrow points from a smaller "Open Widget Tray" button at the bottom right of the screen to the larger one in the widget tray. A text box with the instruction "Open the widget tray then drag/drop into one of the three columns" is positioned below the widget tray.

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

Insurance

Open Widget Tray

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

Open Widget Tray

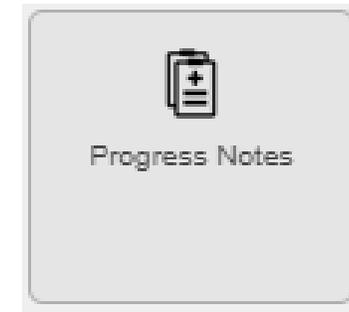
Widgets in JLV



Widgets by data type

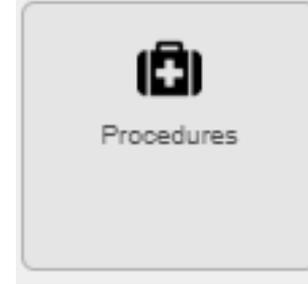
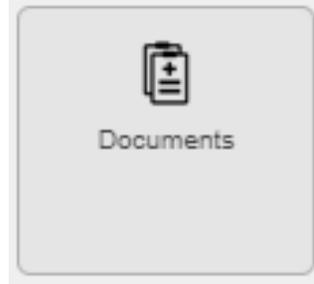
- Source systems define where the data will be displayed
- Hovering over widgets in the tray will display a brief description of the contents
- Data may be duplicated and cross-referenced
 - Example: Clinical Notes will be in “Progress Notes”, “Documents” and hyperlinked in “Outpatient Encounters”
-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

Medications and Labs



Outpatient Medications (82) Filtered date range: 1/26/20 - 1/25/21						Lab Results (14) Filtered date range: 1/26/20 - 1/25/21					
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	+	Collection Date	Lab Test	Result	Lab Panel	Site
+	Dec 16, 2020	hydroCHLOROthiazide (hydroCHLOROthiazide 25 mg tablet)	active	Dec 15, 2021	▶ FEHR	+	Jan 25, 2021 23:59	Blood Bank Report	result		● VA
+	Dec 09, 2020	TAZAROTENE 0.1% TOP CREAM	ACTIVE	Mar 09, 2021	● HON	+	Oct 02, 2020 14:28	Epithelial Cells Squamous	1-4 /HPF		■ DoD
+	Nov 17, 2020	acetylcysteine (acetylcysteine 10% inhalation solution (30mL))	active	Sep 20, 2021	▶ FEHR	+	Oct 02, 2020 14:28	Urobilinogen	0.2 EU/dL	Urinalysis W/Reflex Microscopic	■ DoD
+	Nov 17, 2020	alcohol topical pad (alcohol prep pad [200])	active	Oct 15, 2021	▶ FEHR	+	Oct 02, 2020 14:28	pH	5.5	Urinalysis W/Reflex Microscopic	■ DoD
+	Nov 17, 2020	albuterol-ipratropium (albuterol-ipratropium 100-20 mcg inhaler [4g])	active	Sep 20, 2021	▶ FEHR	+	Oct 02, 2020 14:28	Leukocyte Esterase	NEG	Urinalysis W/Reflex Microscopic	■ DoD
+	Nov 17, 2020	acetaminophen (acetaminophen 80 mg rectal suppository)	completed		▶ FEHR	+	Oct 02, 2020 14:28	Nitrite	NEG	Urinalysis W/Reflex Microscopic	■ DoD
+	Nov 17, 2020	tape hypafix 2in x 10yd (tape hypafix 2in x 10yd u#4209)	active	Oct 15, 2021	▶ FEHR	+	Oct 02, 2020 14:28	Blood	NEG	Urinalysis W/Reflex Microscopic	■ DoD
+	Nov 04, 2020	acetaminophen (Tylenol 325 mg oral tablet)	stopped		▶ FEHR	+	Oct 02, 2020 14:28	Bilirubin	NEG	Urinalysis W/Reflex Microscopic	■ DoD
+	Oct 27, 2020	IBUPROFEN (U/D) 600 MG ORAL TAB	Expired	Nov 08, 2020	■ DoD	+	Oct 02, 2020 14:28	Ketones	NEG	Urinalysis W/Reflex Microscopic	■ DoD
< 1 2 3 4 > Displaying 1-25 of 82						< 1 2 3 4 5 6 7 8 9 10 11 12 13 14 > Displaying 1-14 of 14					
More >>						More >>					

Radiology results



Consult Encounters (400)
Filtered date range: 1/25/19 - 1/25/21

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

Start date: 01/25/2019 End date: 01/25/2021 Apply

1w 2w 1m 3m 6m 1y 2y 3y 5y 10y

Enter text to filter

Date	Consult Order	Status	Site
Dec 04, 2019 15:05	TELEDERMATOLOGY IFC (PUGET SOUND)	COMPLETE	PUG
Dec 04, 2019 14:57	TELEDERMATOLOGY 'OUTPT' REQUEST (ANCHORAGE)	COMPLETE	ANC
Dec 04, 2019 14:37	TELEDERMATOLOGY 'OUTPT' REQUEST (ANCHORAGE)	DISCONTINUED	ANC
Nov 18, 2019 06:41	COMMUNITY CARE-RADIOLOGY	CANCELLED	ANC
Nov 18, 2019 06:41	COMMUNITY CARE-ORTHO	CANCELLED	ANC
Nov 07, 2019 15:31	VA VIDEO CONNECT CONNECTIVITY CHECK	COMPLETE	ANC
Nov 05, 2019 14:10	IFC WI TELEDERMATOLOGY (PUGET SOUND)	DISCONTINUED	KAN
Nov 05, 2019 14:10	TELEDERMATOLOGY IFC (PUGET SOUND)	DISCONTINUED	PUG
Nov 05, 2019 14:00	TELEDERMATOLOGY REQUEST (FC) WICHITA OUTPT-589A7	COMPLETE	KAN
Nov 05, 2019 11:56	IFC WI TELEDERMATOLOGY (PUGET	DISCONTINUED	KAN

Displaying 126-150 of 400

Radiology Reports (5)
Filtered date range: 1/26/20 - 1/25/21

Date	Exam	Image	Site
Oct 29, 2020	Chest_PA		DoD
Jun 10, 2020	EKG		DoD
Jun 04, 2020	Echocardiogram, Transthoracic		DoD
May 15, 2020	Echocardiogram, Transthoracic		DoD
Feb 19, 2020	Chest_PA/Lat		DoD

Displaying 1-5 of 5

Procedures (168)
Filtered date range: 9/27/20 - 1/25/21

Procedure Date	Location	Provider	Procedure Description	Image	Site
Jan 25, 2021 Medicine Full Reports	NATIONAL				VA
Dec 22, 2020 06:00 Note	COL TELEPHONE/S... PATHOLOGY	DIBLASI, ANITA F	MOTION FLUOROSCOPI...		COS
Dec 18, 2020 12:24 Note	JNU TH SF DERM IMAGING	MEYER, TRACY L CMA	DERMATOLOGY... PROCEDURE		ANC
Nov 05, 2020 07:59 Note	KEN TH SF DERM IMAGING	ROYCE, KIMBERLY M	DERMATOLOGY... PROCEDURE		ANC

Displaying 1-25 of 168

Optimizing JLV

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

JLV Patient Search Provider Portal Patient Portal x

LANE, AMBER D

CHDRZZZTESTPATIENT, CHDRONE ONE Flags AD Commonly Used Widgets x +

PUG ANC ASH ATG CHA CLE ECH ELP

CHDRZZZTESTPATIENT, CHDRONE ONE

2041 LAUGHING LANE
APT 1130
ALEXANDRIA, VIRGINIA
22302

SSN: 666000001
Age: 60
DOB: 03 Mar 1960
Race:
(R): (456)256-3033
(W): (123)123-1234
Birth Sex: M
SIG: M

Insurance

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 Syndrome	DUXBURY, HEATHER D		DoD
Jun 09, 2020	Training 2 MB			DoD
Jun 08, 2020	MA IFC TELEDERMATOLOGY (COLUMBIA)-557A5	DONLEY, LESIA J		STL
Jun 08, 2020	TELEDERMATOLOGY IMAGING OUTPATIENT (CFC COLUMBIA)-589A4			KAN

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

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 Note	Zithromax 500 mg oral tablet	Completed	May 16, 2020	FEHR
May 05, 2020	OXYCODONE 7.5MG/ACETAMINOPHEN 325MG TAB	EXPIRED	Jun 03, 2020	SPO
Mar 09, 2020	Trilevel 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 (50)		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, 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 04, 2020	BLOOD PRESSURE	120/80	mmHg	DoD
Jun 04, 2020	PULSE	68	/min	DoD
Jun 04, 2020	RESPIRATION	18	/min	DoD
Jun 04, 2020	TEMPERATURE	98.2	F	DoD
Jun 04, 2020	Smoking Status Now	No		DoD

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

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

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

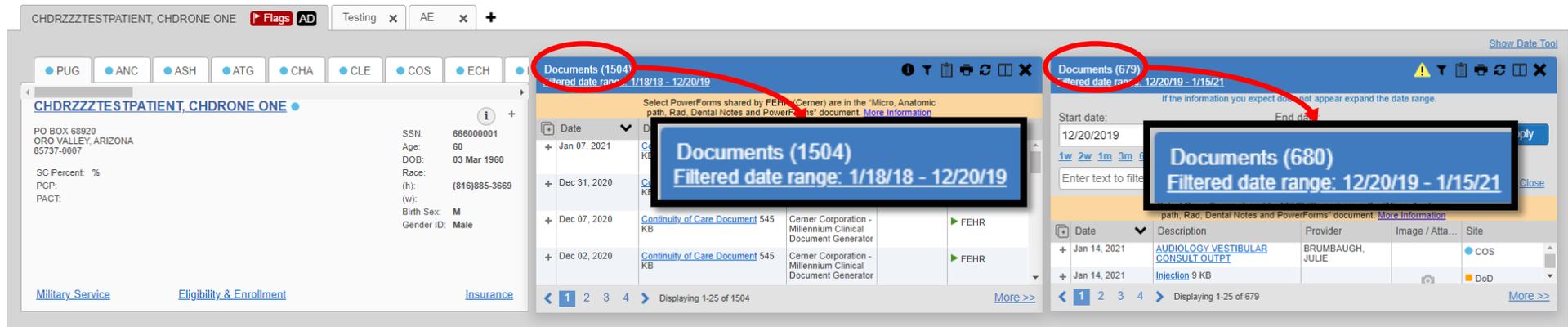
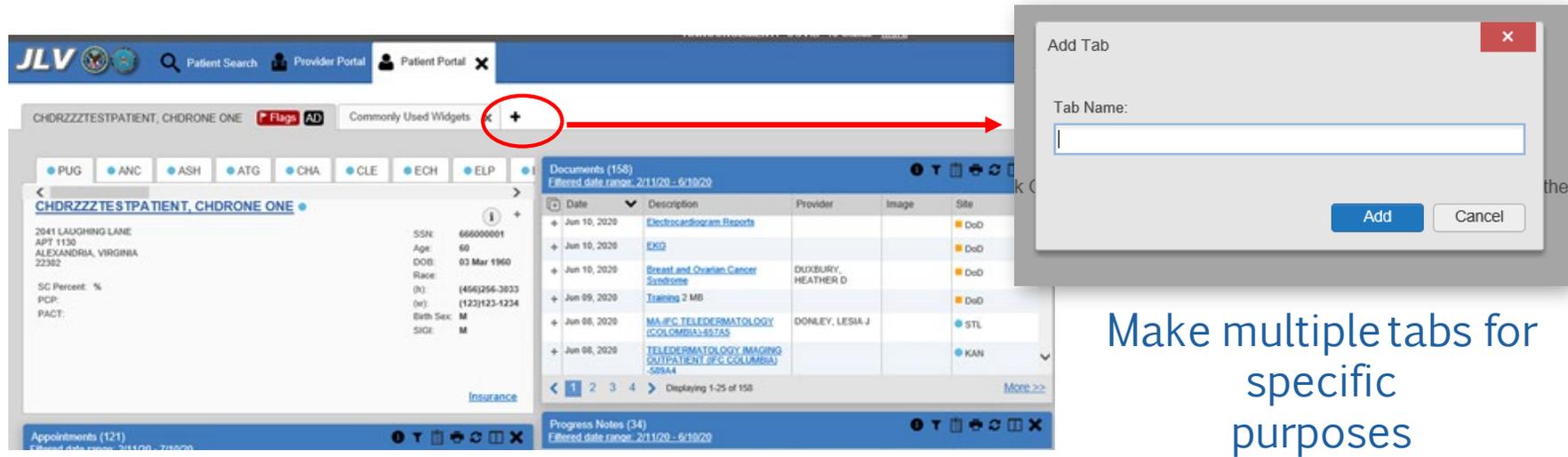
Procedure Date	Location	Provider	Procedure Description	Image	Site
Jun 10, 2020 20:19	ZZMB Military Baseline Medical Center		Appendectomy		FEHR

Radiology Reports (63)
Filtered date range: 6/11/19 - 6/19/20

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

Open Widget Tray

Setting up Multiple Tabs or Duplicate Widgets



Duplicate widgets to cut load time by splitting up date ranges

Setting date ranges- individual widget

Set date manually

or

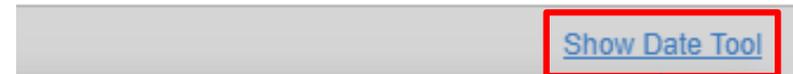
by choosing a preset range

The screenshot shows a document filtering interface. At the top, it displays "Documents (682)" and "Filtered date range: 1/1/20 - 1/27/21". Below this, there is a section for setting the date range. The "Start date:" field is set to "01/01/2020" and the "End date:" field is set to "01/27/2021". A red box highlights these fields and an "Apply" button. Below the date fields, there are preset range options: "1w", "2w", "1m", "3m", "6m", "1y", "2y", "3y", "5y", and "10y". A red oval highlights these options. Below the preset ranges, there is a search bar with the text "Enter text to filter" and a "Close" button. At the bottom, there is a table of documents with columns for Date, Description, Provider, Image / Atta..., and Site. The first two rows show documents dated Jan 25, 2021, with descriptions "EMPLOYEE HEALTH AUDIOLOGY CONSULT OUTPT" and "AUDIOLOGY VESTIBULAR". The interface also shows a pagination bar at the bottom with "Displaying 1-25 of 682" and a "More >>" link.

Keeping date ranges small will allow for faster filtering and loading times

Setting date ranges- multiple widgets

“Show Date Tool”
changes all widgets on
tab to the same date
range



CHDRZZZTESTPATIENT, CHDRONE ONE Flags AD Testing AE Meds and Labs Radiology Primary care notes +

Start date: End date: Apply to all Widgets on this Tab 1w 2w 1m 3m 6m 1y 2y 3y 5y 10y Hide Date Tool

Inpatient Medications (58)
Filtered date range: 2/23/20 - 2/22/21

Click the Drug Name or More>> link to view complete medication details including the Schedule.

Order Number	Drug Name	Status	Order Stop Date	Site
1760289965				

Outpatient Medications (79)
Filtered date range: 2/23/20 - 2/22/21

Warning: duplicate DoD meds may be present.

Some medications from FEHR (Cerner) may be duplicates, have missing data fields or inconsistent statuses. Please use caution-additional validation may be required.

Last Fill	Drug Name	Status	Expires	Site
Dec 18, 2020	hydroCORT	active	Dec 15, 2021	

Lab Results (16)
Filtered date range: 2/23/20 - 2/22/21

Collection Date	Lab Test	Result	Lab Panel	Site
Feb 22, 2021 23:59	Blood Bank Report	result		VA
Nov 19, 2020 14:21	GLUCOSE.MCNC.PT.SER/PL...	116 mg/dL		FEHR

Filtering widgets – Less is better!

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	Tele dermatology 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	Image	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

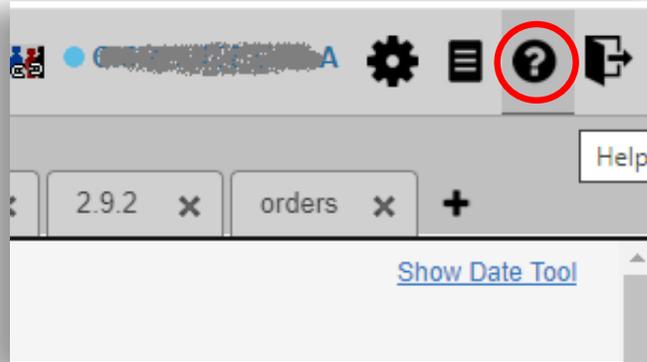
After clicking the camera icon, images will open in a new browser window



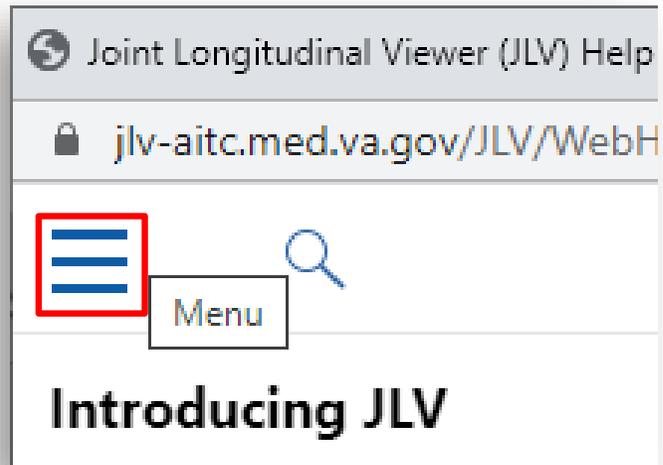
Images ≠ Only pictures

- 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

Troubleshooting JLV



Select the help icon



Select the hamburger menu

Then select Troubleshooting
or Getting Help

Don't forget to come back!

- March 15th – Part Two
- Using three specific examples in JLV to show the process of finding information
 - Eligibility
 - Further use of filters, widgets, and report builder
 - Includes covering text searches across data types!
 - Chart abstraction
 - Further use of report builder and vista imaging
 - Adverse event reporting
 - Further use of community health summaries

More JLV Resources

- **JLV Introductory 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>

- **JLV website**

<https://jlv.med.va.gov/JLV/>

- **7/13/2020 HSR&D Cyberseminar: JLV: Practical Use in a Research Setting**

https://www.hsrd.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=3807

- **JLV SharePoint**

<https://dvagov.sharepoint.com/sites/VACOVE2/JLV/Resources/Forms/AllItems.aspx>

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Live Demonstration and Questions



Additional Resources

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.vhadatportal.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.hsr.d.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=1014

Electronic Health Record Modernization *Resources for Researchers*

“EHRM & Research” page on the Research Resource Guide SharePoint

<https://dvagov.sharepoint.com/sites/VHAPugResearch/RRG/Pages/EHRM-Research.aspx>

“EHRM and Implications for Data Users” page on the VIREC website

<https://vaww.virec.research.va.gov/EHRM/Overview-and-Implications.htm>

Data Management and Migration Knowledgebase” on the Data Migration, Management, and Syndication SharePoint

<https://vaww.cdw.va.gov/sites/EHRMDataIntegration/DIRAKnowledgeShare/Pages/DIRAKnowledgeShareHome.aspx>

Syndicated Data Bits - Weekly Webinars

<https://tinyurl.com/y3wgxzu5>

Office of Electronic Health Record Modernization (OEHRM) Intranet site

<https://vaww.ehrm.va.gov/>

VIReC Options for Specific Questions

HSRData Listserv

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

–Subscribe by visiting

<https://vaww.virec.research.va.gov/Support/HSRData-L.htm> (VA Intranet)

HelpDesk

–Individualized support



virec@va.gov

(708) 202-2413





Database & Methods Cyberseminar Series

Next session:

March 15th at 1 pm Eastern

Joint Longitudinal Viewer (JLV) and Research
Part 2: A Deeper Look