

VA



U.S. Department of Veterans Affairs

Electronic Health Record Modernization
Integration Office

Voogle User Guide

Version 1.8.1

July 17, 2025

*Electronic Health Record Modernization Integration Office (EHRM-IO)
Data Migration and Management (DMM)*



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Purpose of this Document

This document is intended for Vooggle end users and administrators. It describes what Vooggle is and how to launch, navigate, and use the application.

What is Vooggle?

Vooggle is a web-based application that provides a fast and effective way to search a patient record. It provides a user-friendly “Google-like” search capability for all clinical notes and many structured clinical data domains for a particular patient for a specified date range. Using Vooggle, you can quickly and efficiently search Text Integration Utilities (TIU) notes and structured clinical data domains (vitals, labs, medications, etc.) for all care a patient has received in any VA facility. The application analyzes text via special natural language analysis algorithms that extract concepts and relationships.

NOTE: Work is ongoing to add notes from sites that have been converted to Oracle Health as well as scanned notes that come in from outside sources such as Community Care.

Many Veterans have sought care in multiple VA facilities, with notes and structured data residing in numerous separate instances of VistA. Total notes for a single patient often number in the thousands, particularly for those with chronic illnesses. Vooggle allows you to search this large volume of data quickly and efficiently and displays only those terms found in that patient’s record. Selecting a term displays all the notes (within a defined date range) that contain that term. Selecting any note then reveals the context of the highlighted term within the note, as well as negation, highlighted with red-colored text. By aggregating all notes and structured data from all medical centers, Vooggle allows providers to assimilate a much clearer picture of a patient’s medical health than they can glean from a single VistA instance.

***NOTE: VistA Imaging notes are not archived in TIU and are therefore not collected by Vooggle.
Radiology notes are treated as structured data.***

Launching Vooggle

To launch Vooggle, navigate to the Vooggle URL:

<https://vooggle.vha.med.va.gov/vooggle/>

NOTE: To access Vooggle, you must either have authorized access to the VistA Computerized Patient Record System (CPRS) or have been granted national data access for appropriate datasets from VHA National Data System (NDS). If you have CPRS access, Vooggle should authenticate you automatically. If you have no CPRS access but have appropriate NDS access, you will need to contact the Vooggle team (vavoogglehelp@va.gov) and ask them to add you as an authorized Vooggle user.



Click **Agree** in the lower right corner to dismiss the disclaimer and open the Vooggle home page, shown in Figure 1.

The screenshot shows the Vooggle home page interface. At the top, there's a navigation bar with the VA logo, the text "U.S. Department of Veterans Affairs", and "Electronic Health Record Modernization Integration Office". Below the navigation bar is the main search area. It features two input fields: "Choose a Patient" (with a checkbox for "Use EDIPI") and "Search Term" (with a placeholder "e.g. diabetes (type at least 3 characters)"). Below these fields are two buttons: "Build Patient Data" and "Check Build Status".

Figure 1: Vooggle Home Page

For security, Vooggle logs you out after 15 minutes of inactivity (see Figure 2).

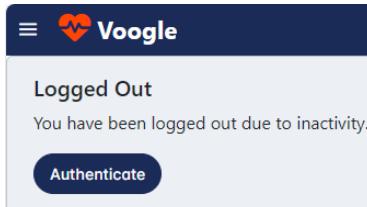


Figure 2: Click Authenticate to re-open Vooggle if you're logged out due to inactivity

Simply click **Authenticate** to re-open the application. Add Vooggle to your Favorites so you can navigate quickly for future access. All access is logged as a security precaution.

Getting Started with Vooggle

To get started using Vooggle, follow these steps:

1. Select a patient.

In the **Choose a Patient** field, type the patient's integration control number (ICN), social security number (SSN), or electronic data interchange personal identifier (EDIPI) or begin typing the patient's last name. After you enter at least three characters of the last name (or the complete ICN, SSN, or EDIPI), an autofill drop-down populates with potential matches, as shown in Figure 3. This list includes the last four digits of each patient's SSN, so you can distinguish between patients with the same name.

NOTE: If you want to select the patient by EDIPI, you must select the Use EDIPI checkbox.



The screenshot shows the Voogle search interface. At the top, there is a header bar with the VA logo, the text "U.S. Department of Veterans Affairs", and the "Electronic Health Record Modernization Integration Office". Below the header is a search bar with the placeholder "Choose a Patient" and a checkbox labeled "Use EDIPI". A dropdown menu is open, showing the typed text "zzduc" and a list of five patient names: "ZZDUCK QUACK,QUACK L - 0333", "ZZDUCK,BOB SMITH - 4111", "ZZDUCK,BRANDY - 5412", "ZZDUCK,DAFFY - 0168", and "ZZDUCK,DAFFY - 9457".

Figure 3: Begin typing the patient's last name, then select the desired patient

If the patient's name does not appear in the drop-down list (see Figure 4), either you mistyped the identifying information or Voogle has not yet retrieved data for that patient.

The screenshot shows the Voogle search interface. At the top, there is a header bar with the VA logo, the text "U.S. Department of Veterans Affairs", and the "Electronic Health Record Modernization Integration Office". Below the header is a search bar with the placeholder "Choose a Patient" and a checkbox labeled "Use EDIPI". The search bar contains the text "Claus, Santa". To the right of the search bar is a small "X" button. Below the search bar is a message box containing the text "No results found".

Figure 4: Voogle can't find patient; this likely means that data for that patient hasn't been retrieved. Enter ICN, SSN, or EDIPI so Voogle can automatically retrieve data



If you entered a valid ICN, SSN, or EDIPI in the **Choose a Patient** field, Vooggle automatically retrieves data for that patient going back three years from today's date, and a dialog pops up, dynamically displaying the data retrieval status (see Figure 5). Once the data retrieval is complete, the dialog disappears, and you can select the patient.

The screenshot shows the Vooggle interface. At the top, there is a navigation bar with icons for documentation and user profile (Welcome Leslie Deyoung). Below the navigation bar, there are two input fields: 'Choose a Patient' (containing a redacted name) and 'Search Term' (containing 'e.g. diabetes (type at least 3 characters)'). Underneath these fields are two buttons: 'Build Patient Data' and 'Check Build Status'. The main content area displays 'Data Build Status for: [redacted]'. It shows 'Data Start Date: 2021-08-06' and 'Data End Date: 2024-08-06'. The 'Notes' section contains 'Data Build Started at: 2024-08-06 16:52:51' and 'Data Build Completed at:'. The 'Status' field shows a circular progress icon and the text 'Retrieving Patient Notes'. The 'Structured Data' section shows 'Data Build Started at: 2024-08-06 16:52:52' and 'Data Build Completed at:'. The 'Status' field shows a circular progress icon and the text 'Gathering clinical domain data'.

Figure 5: Vooggle automatically retrieves data for the last 3 years if data has not been gathered previously

If you entered the patient's name in the **Choose a Patient** field Vooggle will not automatically retrieve data. You must either enter the ICN, SSN, or EDIPI to trigger automatic data retrieval or initiate the data retrieval manually. For details about how to manually initiate data retrieval, see [Manually Initiating Patient Data Retrieval](#).



2. View data collected from all VAs where the patient has received care.

Once you select a patient from the drop-down list, Vooggle returns a tabbed screen of clinical data (see Figure 6). The **Notes** tab is displayed by default. To view structured clinical domains (**Labs**, **Rad**, **OutPt Rx**, **Immunizations**, **Vitals**, etc.) or other information (**Similar Terms**, **Negation**), click the appropriate tab, using the arrow to the right (or left) of the tab headers to move other tabs into view.

The screenshot shows the Vooggle application interface. At the top, there is a navigation bar with icons for Home, FAQ, Documentation, and a welcome message for Leslie Deyoung. Below the navigation bar, there are two search fields: 'Choose a Patient' containing 'ZZBUNNY,EASTER - 1010' and 'Search Term' with placeholder text 'e.g. diabetes (type at least 3 characters)'. Underneath these fields are buttons for 'Build Patient Data', 'Check Build Status', 'Make Data Current', and 'Change Date Range'. A date range is also displayed: 'DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16'. The main content area features a table of clinical notes. The table has columns for Title, Entry Date, Serv Section, Station, Note, and Action. The 'Notes' tab is selected, showing 2219 results. Other tabs include Labs (2042), Rad (4), OutPt Rx (274), Immunizations (49), Vitals (136), Allergies (41), Consults (1841), and Pro. The table rows show various note types and their details, such as 'NURSING NOTE' for Audie L Murphy, 'PRIMARY CARE NOTE' for Audie L Murphy, and 'IMMUNIZATION NOTE' for Audie L Murphy. The 'Note' column contains the actual clinical text, and the 'Action' column contains small circular icons.

Title ↑↓	Entry Date ↓↑	Serv Section ↑↓	Station ↑↓	Note ↑↓	Action ↑↓
NURSING NOTE	2024-10-16 14:25:36	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	Test Note. Staff Name: GUERRERO,LISA LOUISE Title: LVN Sta3n: 671 Note Title: NURSING NOTE Signer: GUERRERO,LISA LOUISE Cosigner:	
PRIMARY CARE NOTE	2024-10-15 18:40:56	ACOS FOR AMBULATORY CARE	671 - Audie L Murphy Memorial Veterans Hospital	***** PATIENT COPY - CONFIDENTIAL INFORMATION ***** SUBSPECIALTY MEDICINE Thank you for allowing us to participate in your healthcare. Please review and retain this doc...	
ERRONEOUSLY ENTERED DOCUMENT - ADDENDUM	2024-10-02 14:02:38	MEDICAL ADMINISTRATION SERVICE	674 - Olin E Teague Veterans Center Austin (674BY)	entered in error per leaf #33028 Other, please explain in request description wrong documentation ZZBUNNY,EASTER;(SAME) 000-00-1010 OCT 10,1910 LOCAL TITLE: GLUCOSE METER STANDARD TI...	
IMMUNIZATION NOTE	2024-09-26 11:48:18	OFFICE OF THE ASSOC DIRECTOR	671 - Audie L Murphy Memorial Veterans Hospital	ZZBUNNY,EASTER, 000-00-0555 Age: 112 Sex: MALE Past Immunizations: ADMINISTERED ===== Immunization Series Date Facility Reaction Info CHOLERA, UNSPECIFIED...	
NURSING NOTE - ADDENDUM	2024-09-25 13:51:07	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	Template review: 9/25 Hypertension Ambulatory Care Protocol Note a. Utilized VVC option which appropriately provides the "Telehealth Disclosure" and numbers to call. b. The question about	
NURSING NOTE	2024-09-25	NURSING SERVICE	671 - Audie L Murphy	*Veteran identified by the following: Full Name Full Social Security	

Figure 6: Vooggle displays a tabbed screen of clinical data, with the Notes tab selected by default

For details about the available tabs and other features of the Vooggle user interface (UI), see [Understanding the Vooggle UI](#).



3. Search the patient data.
 - a. Begin typing in the **Search Term** field.

NOTE: You must select a patient before you can enter a search term. The Search Term field is grayed out until you select a patient.

- b. After you enter at least three characters in the **Search Term** field, an autofill drop-down populates with concepts that match your entry, as shown in Figure 7.

NOTE: The number in the orange oval is a weighted score corresponding to the frequency with which the term occurs in all notes for this patient (the larger the number, the more times the term occurs). The number does NOT represent the number of notes in which the term occurs.

A screenshot of a search dropdown menu titled "Search Term ⓘ". The input field contains "diabe". Below it, a list of suggestions is shown, each with a term and a weighted score in an orange oval. The suggestions are:

- diabetes 35
- diabetes mellitus type 2 33
- diabetic 28
- type 2 diabetic training 13
- diabetic education 8
- diabetes education -has 7
- diabetes insipidus 7 6
- diabetes insipidus e11.52 5
- diabetic retinopathy 5
- non-diabetic 5

Figure 7: Enter at least three characters to auto-populate the Search Term drop-down



- c. Select the desired item from the drop-down list to display the search results for that search term. Voogle displays the **Notes** tab by default (see Figure 8).

The screenshot shows the Voogle search interface. At the top, there is a search bar with the term "diabetes". Below the search bar, there are several tabs: Notes (25), OutPt Rx (4), Consults (58), Problems (2), OutPt Dx (15), and Health Factors (8). The Notes tab is selected. On the left, there is a sidebar with a "Choose a Patient" dropdown set to "ZZBUNNY,EASTER - 1010" and buttons for "Build Patient Data" and "Check Build Status". The main area displays a table of search results. The columns include Title, Entry Date, Serv Section, Station, Note, and Action. Each row contains a snippet of text related to the search term "diabetes". For example, one entry mentions "Does the patient have a diagnosis of diabetes?" and another mentions "The patient does not report BP reading greater than 130/90 or per individual". The "Action" column contains small blue circular icons.

Title ↑↓	Entry Date ↓↑	Serv Section ↑↓	Station ↑↓	Note ↑↓	Action ↑↓
NURSING NOTE - ADDENDUM	2024-09-25 13:51:07	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	... care (POC)? has o follow on question that reads "Does the patient have a diagnosis of diabetes?" Why is this in there? This is a HTN note, it is not meant to handle every diagnosis (CHF, COPD, ...)	
NURSING NOTE	2024-09-25 13:38:15	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	...ent is monitoring BP per plan of care (POC). The patient does have a diagnosis of diabetes. The patient does not report BP reading greater than 130/90 or per individu...	
H & P NOTE	2024-05-07 00:20:04	MEDICAL SERVICE	674 - Olin E Teague Veterans Center	...UND SERVICE CONNECTED% - NONE FOUND FAMILY HISTORY: Denies: Cancer, heart attack, diabetes Endorses: Other: stroke PERTINENT REVIEW OF SYSTEMS: A 12 point review of systems has be...	
PHYSICIAN NOTE	2023-05-17 09:14:50	ACOS FOR AMBULATORY CARE	671 - Audie L Murphy Memorial Veterans Hospital North West San Antonio VA Clinic (671GS)	...3. 09/26/2022 CAIN PAULETTE M Benign Rolandic epilepsy R69.09/02/2022 PADDICK KRISTINA A Diabetes Mellitus Type 2 (SCT 44054 05/01/2023 PADDICK KRISTINA A Dependence on Renal Dialysis (SCT 1105/25/...)	
NURSING DISCHARGE NOTE - ADDENDUM	2023-04-17 09:35:41	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital	...e Immunization Note/Discharge Assessment Note to document Influenza Vaccine if needed. Diabetes Education -Has the patient ever been diagnosed/treated for diabetes? No Stroke Education -H...	
DIABETOLOGY NOTE	2023-04-04 16:43:43	MEDICAL SERVICE	671 - Audie L Murphy Memorial Veterans Hospital	...ote follow up has been previously established. For additional details please see previous diabetes note. xxx *CUSTOMER SUPPORT PHONE NUMBER for insulin pump: Please see back of the pump. Tota...	
EYE TELEIMAGING CONSULT	2023-03-20 14:27:52	HEALTH INFORMATICS	671 - Audie L Murphy Memorial Veterans Hospital	...ing eye condition(s): Patient is diabetic and at risk for DIABETIC RETINOPATHY: Diabetes Diagnosis Information: Encounter Diagnosis: 03/16/2023@10:00 E11.9 (ICD-10-...	

Figure 8: Voogle Search Results Default Display (Notes Tab)



Understanding the Voogle UI

As shown in Figure 9, Voogle provides the following buttons below the **Choose a Patient** field:

- **Build Patient Data:** Click this button to manually initiate patient data retrieval. For details, see [Manually Initiating Patient Data Retrieval](#).
- **Check Build Status:** Click this button to check on the status of a manually initiated patient data retrieval. For details, see [Checking the Status of Manually Initiated Patient Data Retrieval](#).
- **Refresh:** This button appears only if you have a patient selected. Click it to refresh the display and return all data for that patient for the listed date range.

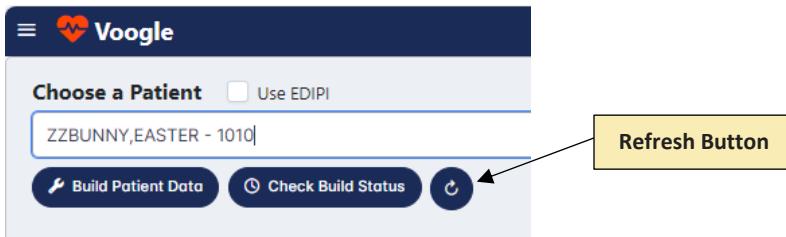


Figure 9: Build Patient Data, Check Build Status and Refresh buttons below the Choose a Patient field

As shown in Figure 10, Voogle displays the following information below the **Search Term** field:

A screenshot of the Voogle interface showing a search term "diabetes" entered into a search bar. Below the search bar, the following information is displayed:

- Term Frequency:** 33
- DOB:** 1910-10-10
- Document Count:** 2216
- Date Range:** 2019-09-25 - 2024-10-01 (highlighted in red)

At the bottom of this section are two buttons: "Make Data Current" and "Change Date Range".

Figure 10: DOB, Document Count, and Date Range and Submit button below Search Term field

- **Term Frequency** (only appears if you have selected a search term): A weighted score corresponding to the frequency with which the term occurs in all notes for this patient for the displayed date range (the larger the number, the more times the term occurs).
- **DOB:** The patient's date of birth.
- **Document Count:** The number of notes included in the patient data.
- **Date Range:** The date range for the patient data. If **Date Range** is displayed in red, as shown in Figure 10, the end date is more than three days prior to today's date.



- **Make Data Current** button: Click to update the date range to include data through the current date. Vooggle sets the end date to today's date and leaves the start date at its current setting.
- **Change Date Range** button: Click to open a dialog, shown in Figure 11, that allows you to enter (or select from calendar widgets) a new start and/or end date for the patient data.

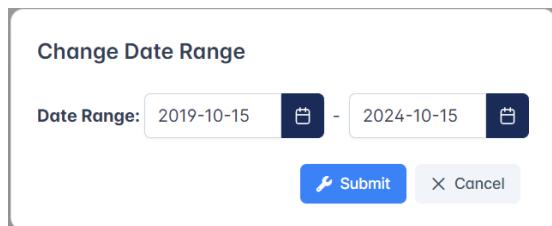


Figure 11: Change Date Range dialog

You can also click the start date calendar widget, then click the **1 Year**, **3 Years**, or **5 Years** button (see Figure 12) to specify a date range going back 1, 3, or 5 years from today's date.

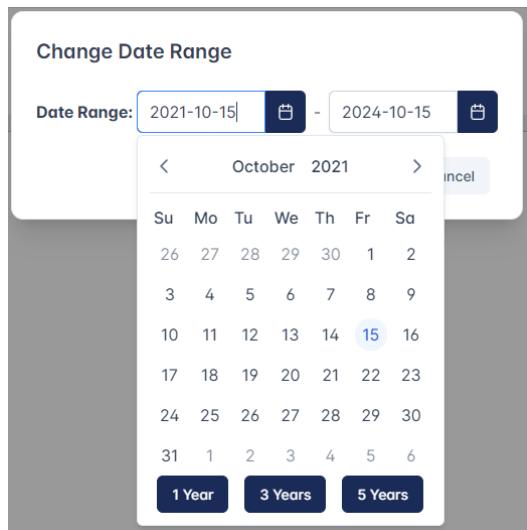


Figure 12: Use the buttons in the start date calendar widget to select a 1-, 3-, or 5-year date range

Once you have the start and end dates set as desired, click **Submit** to retrieve data with the new date range.



As shown in Figure 13, the main section of the Voogle UI provides the following tabs:

NOTE: The Notes tab is displayed by default, and the title of the active tab is highlighted in dark blue. Use the arrow to the right (or left) of the tab headers to move other tabs into view.

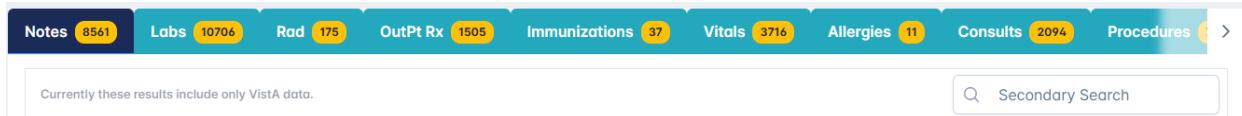


Figure 13: Main section of the Voogle UI provides tabs to view different type of data

- **Notes** (default display) - A small snippet of the note with the search term highlighted and any negation shown in red; each row in the table corresponds to a separate clinical note that includes the search term. For details, see [Using the Notes Tab](#).
- **Clinical Domains (Labs, Rad, OutPt Rx, Immunizations, Vitals, etc.)** – Tabs corresponding to the structured clinical data domains represented in the data for the selected patient. The clinical domain tab titles are teal (unless they are selected, in which case the tab title is dark blue). For details about the available clinical domain tabs, see [Using the Clinical Domain Tabs](#).
- **Similar Terms** – A selectable lists of common and less common similar terms; click a term to redisplay the search results using that term. The numbers following the terms indicate the number of times the term occurs in the patient dataset. For details, see [Viewing Similar Terms](#).
- **Negation** - A table of notes with lists of the search term negations found in each note (for example, **patient denies pain**). For details, see [Viewing Negation](#).
- **Additional Details** – A set of buttons that display additional details about the patient data. For details, see [Using the Additional Details Tab](#).



Using the Notes Tab

The **Notes** tab is displayed by default when Voogle returns the search results. As shown in Figure 14, this tab consists of a table, with each row in the table corresponding to a separate clinical note.

The screenshot shows the Voogle interface with the 'Notes' tab selected. At the top, there is a search bar with the placeholder 'e.g. diabetes (type at least 3 characters)' and a date range selector. Below the search bar, there are buttons for 'Make Data Current' and 'Change Date Range'. The main area displays a table of clinical notes with the following columns: Title, Entry Date, Serv Section, Station, Note, and Action. The table contains six rows of data, each representing a different clinical note with its details.

Title ↑↓	Entry Date ↓↑	Serv Section ↑↓	Station ↑↓	Note ↑↓	Action ↑
NURSING NOTE	2024-10-16 14:25:36	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	Test Note. Staff Name: GUERRERO,LISA LOUISE Title: LVN Sta3n: 671 Note Title: NURSING NOTE Signer: GUERRERO,LISA LOUISE Cosigner:	View
PRIMARY CARE NOTE	2024-10-15 18:40:56	ACOS FOR AMBULATORY CARE	671 - Audie L Murphy Memorial Veterans Hospital	***** PATIENT COPY - CONFIDENTIAL INFORMATION ***** ***** SUBSPECIALTY MEDICINE Thank you for allowing us to participate in your healthcare. Please review and retain this doc...	View
ERRONEOUSLY ENTERED DOCUMENT - ADDENDUM	2024-10-02 14:02:38	MEDICAL ADMINISTRATION SERVICE	674 - Olin E Teague Veterans Center Austin (674BY)	entered in error per leaf #33028 Other, please explain in request description wrong documentation ZZBUNNY,EASTER;(SAME) 000-00-1010 OCT 10,1910 LOCAL TITLE: GLUCOSE METER STANDARD Tl...	View
IMMUNIZATION NOTE	2024-09-26 11:48:18	OFFICE OF THE ASSOC DIRECTOR	671 - Audie L Murphy Memorial Veterans Hospital	ZZBUNNY,EASTER, 000-00-0555 Age: 112 Sex: MALE Past Immunizations: ADMINISTERED ===== Immunization Series Date Facility Reaction Info CHOLERA, UNSPECIFIED...	View
NURSING NOTE - ADDENDUM	2024-09-25 13:51:07	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	Template review: 9/25 Hypertension Ambulatory Care Protocol Note a. Utilized VVC option which appropriately provides the "Telehealth Disclosure" and numbers to call. b. The question about ...	View
NURSING NOTE	2024-09-25	NURSING SERVICE	671 - Audie L Murphy	*Veteran identified by the following: Full Name Full Social Security	View

Figure 14: Voogle Notes Tab

On the **Notes** tab, Voogle provides the following columns of information for each row:

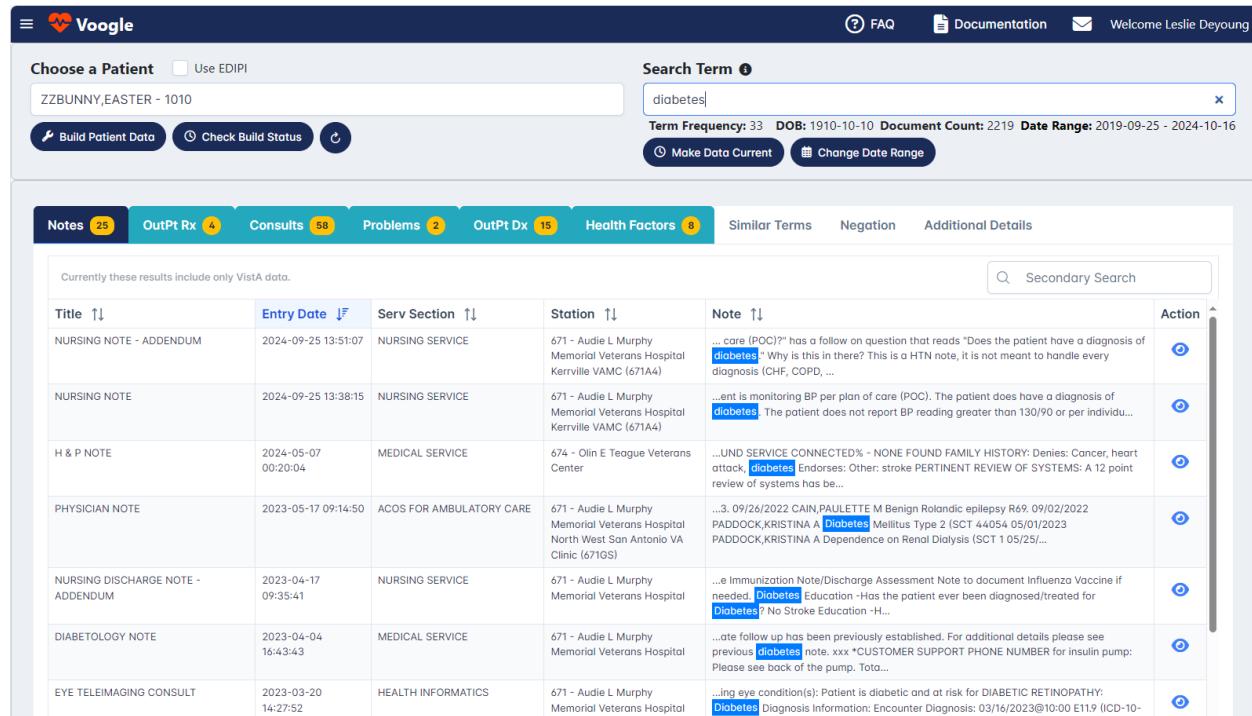
- **Title** – the title of the note in which the term occurred.
- **Entry Date** – the date the note was recorded.
- **Serv Section** – the medical service that originated the note.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the note was recorded. When available, this column also lists the facility number and facility name of the clinic where the note was recorded.



- **Note** – an excerpt of the note text that included the search term, with the term highlighted and any negation displayed in red.
- **Action** – provides a clickable icon that allows you to view the full note text (). For details, see [Viewing the Entire Note Text](#).

You can sort each column in the **Notes** tab by clicking on the column heading.

When you enter a term in the **Search Term** field, Voogle displays only notes that include the search term and highlights the search term (see Figure 15).



The screenshot shows the Voogle interface with the 'Notes' tab selected. The search term 'diabetes' is entered in the search bar, resulting in 33 hits. The search results table includes columns for Title, Entry Date, Serv Section, Station, Note, and Action. Each note excerpt highlights the word 'diabetes' in red. The 'Action' column contains blue circular icons with a white eye symbol, which likely link to the full note text.

Title ↑↓	Entry Date ↑↓	Serv Section ↑↓	Station ↑↓	Note ↑↓	Action ↑↓
NURSING NOTE - ADDENDUM	2024-09-25 13:51:07	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	... care (POC)? has a follow on question that reads "Does the patient have a diagnosis of diabetes?" Why is this in there? This is a HTN note, it is not meant to handle every diagnosis (CHF, COPD, ...)	
NURSING NOTE	2024-09-25 13:38:15	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital Kerrville VAMC (671A4)	...ent is monitoring BP per plan of care (POC). The patient does have a diagnosis of diabetes. The patient does not report BP reading greater than 130/90 or per individ...	
H & P NOTE	2024-05-07 00:20:04	MEDICAL SERVICE	674 - Olin E Teague Veterans Center	...UND SERVICE CONNECTED% - NONE FOUND FAMILY HISTORY: Denies: Cancer, heart attack, diabetes Endorses: Other: stroke PERTINENT REVIEW OF SYSTEMS: A 12 point review of systems has be...	
PHYSICIAN NOTE	2023-05-17 09:14:50	ACOS FOR AMBULATORY CARE	671 - Audie L Murphy Memorial Veterans Hospital North West San Antonio VA Clinic (671GS)	...3. 09/26/2022 CAIN PAULETTE M Benign Rolandic epilepsy R69.09/02/2022 PADDICK KRISTINA A. Diabetes Mellitus Type 2 (SCT 44054 05/01/2023 PADDICK KRISTINA A Dependence on Renal Dialysis (SCT 105/25/...)	
NURSING DISCHARGE NOTE - ADDENDUM	2023-04-17 09:35:41	NURSING SERVICE	671 - Audie L Murphy Memorial Veterans Hospital	...e Immunization Note/Discharge Assessment Note to document Influenza Vaccine if needed. Diabetes Education -Has the patient ever been diagnosed/treated for diabetes? No Stroke Education -H...	
DIABETOLOGY NOTE	2023-04-04 16:43:43	MEDICAL SERVICE	671 - Audie L Murphy Memorial Veterans Hospital	...ote follow up has been previously established. For additional details please see previous diabetes note. xxx *CUSTOMER SUPPORT PHONE NUMBER for insulin pump: Please see back of the pump. Tota...	
EYE TELEIMAGING CONSULT	2023-03-20 14:27:52	HEALTH INFORMATICS	671 - Audie L Murphy Memorial Veterans Hospital	...ing eye condition(s): Patient is diabetic and at risk for DIABETIC RETINOPATHY: Diabetes Diagnosis Information: Encounter Diagnosis: 03/16/2023@10:00 E11.9 (ICD-10-CM)	

Figure 15: Voogle Notes Tab Showing Search Results



Voogle displays ten notes per page by default; use the page navigation tools at the bottom right of the list (see Figure 16) to move between pages. To change the default ten notes per page setting, click the down arrow to the right of the 10 and select either 25 or 50. The new setting is preserved throughout your current Voogle session. If you log out and log back in, however, the default setting of 10 notes per page is restored.

The screenshot shows the Voogle interface with various search and navigation features highlighted:

- Search Term:** diabetes
- Date Range:** 2019-09-25 - 2024-10-16
- Notes:** 25 (highlighted)
- OutPt Rx:** 4
- Consults:** 58
- Problems:** 2
- OutPt Dx:** 10
- Health Factors:** 8
- Secondary Search:** Enter a secondary search term to filter the search results to display only notes that contain that term; when you view the entire note text (click the eye) both the original and the secondary search term are highlighted.
- Search Result Snippet:** The patient have a diagnosis of diabetes. Why is this in diagnosis (CHF, COPD, ...). Does the patient does have a diagnosis of diabetes. The patient does not ... STORY: Denies: Cancer, heart attack, diabetes. Endorses: review of systems has be...
- Search Term in Note Snippet:** Search term is highlighted in the note snippet.
- View Note Text:** Click eye icon to view the entire note text.
- Page Navigation:** Showing 1 to 10 of 25 entries (navigation icons: back, forward, page numbers 1-10, page size dropdown).
- Help Text:** Click Make Data Current to refresh the patient dataset to include data through today's date.
- Help Text:** Date Range lists the start and end dates for the patient data; red means that the end date is 3 days or more before today's date.
- Help Text:** Click Change Date Range to choose a custom date range or a date range going back 1, 3, or 5 years.
- Help Text:** Voogle displays 10 notes by default; use navigation tools to move between pages.

Figure 16: Voogle navigation tools



You can also use the **Secondary Search** field, located above the table of notes), to filter the notes. As you make an entry in the **Secondary Search** field, Voogle updates the Search Results tab to show only notes that include both your **Secondary Search** entry and the original search term and highlights the secondary search term in grey (see Figure 17).

Search Term ⓘ

diabetes

Term Frequency: 33 DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16

[Make Data Current](#) [Change Date Range](#)

actors (8) [Similar Terms](#) [Negation](#) [Additional Details](#)

retinopathy

	Note ↑	Action
rphy Memorial	...ing eye condition(s): Patient is diabetic and at risk for DIABETIC RETINOPATHY: Diabetes Diagnosis Information: Encounter Diagnosis: 03/16/2023@10:00 E11.9 (ICD-10-CM) Type ...	<input checked="" type="radio"/>
rphy Memorial	...ing eye condition(s): Patient is diabetic and at risk for DIABETIC RETINOPATHY: Diabetes Diagnosis Information: Encounter Diagnosis: 01/09/2023@08:30 E11.9 (ICD-10-CM) Type ...	<input checked="" type="radio"/>
rphy Memorial	...ing eye condition(s): Patient is diabetic and at risk for DIABETIC RETINOPATHY: Diabetes Diagnosis Information: Encounter Diagnosis: 10/14/2020@09:11:20 E11.9 (ICD-10-CM) Ty...	<input checked="" type="radio"/>

Figure 17: Use the Voogle secondary search feature to narrow your search results



Viewing the Entire Note Text

To view the entire note text, click the eye symbol to the right of the note you wish to view. Voogle displays the entire clinical note in a pop-up window, with the date of the note under the title. As shown in Figure 18, your search term (entered in the **Search Term** box) is highlighted in blue. If you entered a **Secondary Search** term, that term is also highlighted (in gray). Any negation appears in red within the note text.

The screenshot shows the Voogle application interface. On the left, there's a sidebar with a patient selection dropdown set to "ZZBUNNY,EASTER - 1010" and buttons for "Build Patient Data" and "Check Build Status". Below this are tabs for "Notes" (23), "OutPt Rx" (4), "Consults" (60), and "Procedures". A message indicates "Currently these results include only VistA data." A table lists three "EYE TELEIMAGING CONSULT" entries with their respective dates: 2023-03-20 14:27, 2023-03-16 08:15, and 2022-04-25 13:55. The main area is a pop-up window titled "EYE TELEIMAGING CONSULT" from "2023-03-20 14:27:52". It contains sections for "REASON FOR REQUEST" (Tele-Eye Screening for patient at-risk for the following eye condition(s)), "Patient is diabetic and at risk for DIABETIC RETINOPATHY", "Diabetes Diagnosis", "Information" (including encounter details like ICD-10-CM Type 2 Diabetes Mellitus without Complications), "Type 2 Diabetic Patient" (duration of diabetes), "Information obtained by" (Self-Report), and "CURRENT DIABETES THERAPY" (None). At the bottom, it notes "Patient is at risk for MACULAR DEGENERATION".

Figure 18: Viewing the entire note text

You can click and drag the pop-up window as desired. Use the scroll bar to scroll through the note and click **Close** to dismiss the note and return to the Voogle window.



Using the Clinical Domain Tabs

Voogle retrieves data from the following structured clinical domains:

- Labs
- Radiology (Rad)
- Outpatient Medications (OutPt Rx)
- Immunizations
- Vitals
- Allergies
- Consults
- Procedures
- Surgeries
- Appointments (Appt)
- Services
- Problems
- Outpatient Diagnoses (OutPt Dx)
- Inpatient Diagnoses (InPt Dx)
- Health Factors
- Non-VA Meds

NOTE: To view all data in a particular clinical domain, you can also type `show <domain>` in the Search Term field, where `<domain>` is the name of the clinical domain you want to view. For example, to view all a patient's allergies, you can type `show allergies` in the Search Term field.

The information displayed in the table of search results varies depending on the clinical domain.



When you first select a patient, Voogle retrieves all clinical domain data for the specified date range (see Figure 19) and displays tabs corresponding to the various domains. The numbers in the gold ovals to the right of the clinical domain tab titles indicate how many records the patient has within that clinical domain. If a patient has no data in a particular domain, then Voogle does not display that tab.

The screenshot shows the Voogle interface with a dark blue header. On the left, it says "Choose a Patient" with a dropdown arrow and a checkbox for "Use EDIPI". Below that is a search bar containing "ZZBUNNY,EASTER - 1010". To the right of the search bar are buttons for "Build Patient Data", "Check Build Status", and a refresh icon. The top right corner has links for "FAQ", "Documentation", and "Welcome Leslie Deyoung". Below the header, there's a search term input field with placeholder text "e.g. diabetes (type at least 3 characters)". Underneath it, the text "DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16" is displayed, along with buttons for "Make Data Current" and "Change Date Range". At the bottom, there are tabs for "Notes 2219", "Labs 2042", "Rad 4", "OutPt Rx 274", "Immunizations 49", "Vitals 136", "Allergies 41", "Consults 1841", "Procedures 422", and "Sur 1".

Figure 19: When you first select a patient, Voogle displays all clinical domain data for that patient

NOTE: *The clinical domain tabs display a maximum of 10,000 records. If Voogle retrieves more than 10,000 records for that domain (as indicated by the number in the gold oval), the most recent 10,000 records will be displayed. To see the older records, you will need to rebuild the dataset with an earlier date range (click Change Date Range, adjust the end date, and click Submit.)*

When you enter a search term, Voogle displays clinical domain tabs only for domains that include data containing the search term (see Figure 20). The numbers in the gold ovals to the right of the clinical domain tab titles indicate the number of times the search term appeared within that clinical domain.

This screenshot is similar to Figure 19 but includes a search term. In the search bar, "diabetes" is typed, and an "X" icon is visible to clear the search. Below the search bar, the text "Term Frequency: 33", "DOB: 1910-10-10", "Document Count: 2219", and "Date Range: 2019-09-25 - 2024-10-16" is shown, along with "Make Data Current" and "Change Date Range" buttons. The clinical domain tabs at the bottom are now filtered: "Notes 25", "OutPt Rx 4", "Consults 58", "Problems 2", "OutPt Dx 15", and "Health Factors 8". Other tabs like "Rad" and "Vitals" are no longer visible.

Figure 20: When you enter a search term, Voogle displays tabs only for clinical domains with data that contains that search term



You can also use the **Search** field to the right above the clinical domain data table to filter your results. For example, to search for a specific allergy, click the **Allergies** tab, then type the specific allergy name in the **Search** field. Voogle begins filtering the list as soon as you have entered at least 3 characters. In the example, shown in Figure 21, entering the first few characters of penicillin filters the list to display only that allergy – and reduces the list to 5 items.

The screenshot shows the VA Voogle interface. At the top, there's a navigation bar with links for FAQ, Documentation, and Welcome Leslie Deyoung. Below that is a search bar labeled "Search Term" with a placeholder "e.g. diabetes (type at least 3 characters)". Underneath the search bar are buttons for "Make Data Current" and "Change Date Range".

Below the search bar is a horizontal navigation bar with tabs for Notes (2219), Labs (2042), Rad (4), OutPt Rx (274), Immunizations (49), Vitals (136), Allergies (41) (which is highlighted in yellow), Consults (1841), Procedures (422), and Surgery (1). The "Allergies" tab is currently selected.

The main content area displays a table titled "Allergies". The table has columns for Reactant, Station, Type (with a legend: D=Drug, F=Food, O=Other), Severity, History, Mechanism, and a detailed row for each entry. The rows show entries for PENICILLIN and PENICLOVIR, all from 671 - Audie L Murphy Memorial Veterans Hospital. The "Type" column for PENICILLIN shows "D" (Drug). The "Severity" column shows "MILD" or "h" (harmful). The "History" column shows "o" (onset). The "Mechanism" column shows "A" (anaphylaxis). The last column contains detailed logs for each entry, including Origination, Verification, and Error dates.

At the bottom of the table, it says "Showing 1 to 5 of 5 entries" with navigation arrows and a page number "1".

Figure 21: Filtering a structured data list (allergies in this example)

NOTE: If you filter a clinical domain data table by clicking the tab then entering a search term in the search field directly above the data, as shown in the example above, the number in the gold oval of the tab title does not update to reflect the filter. In the example above, the Allergies tab still lists 41 in the gold oval to indicate that the patient had 41 allergy records in the specified date range. However, the legend at the bottom of the table does update to reflect the filter. In the example above, the legend lists "Showing 1 to 5 of 5 entries to reflect that the "pen" filter reduced the number of allergy records from 41 to 5."

The following sections describe the information displayed on each of the clinical domain tabs.



Labs Tab

The **Labs** tab provides two subtabs of information: **Data** and **Trends**. As shown in Figure 22, the **Data** subtab is selected by default.

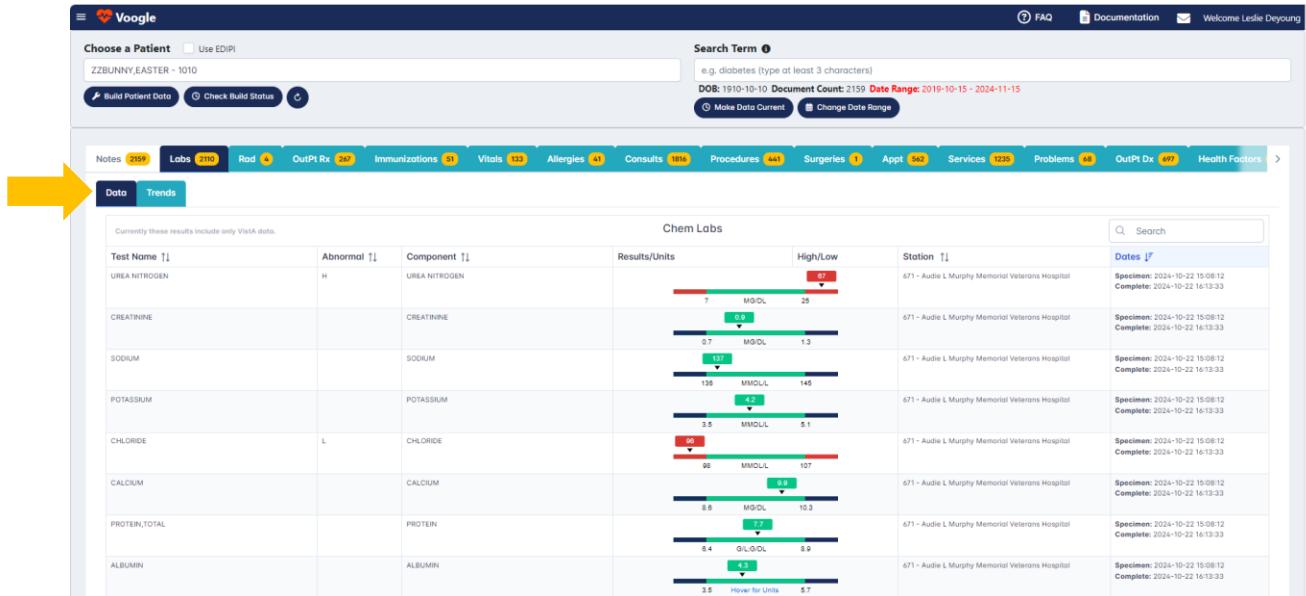


Figure 22: Voogle Labs Data Subtab

Labs Data Subtab

On the **Data** subtab for **Labs**, Voogle provides the following columns of information for each row:

- Test Name** – The name of the laboratory test.
- Abnormal** – Indicates whether the test results were abnormally high (H) or low (L).
- Component** – The name of the component or analyte measured.
- Results/Units - High/Low** – Either text listing the test result and high/low values for the test (when available) or a graphic displaying the test result as it falls in relation to the normal range for the test. For example:

A normal value:

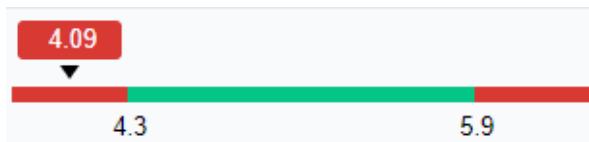




A high value:



A low value:



- **Station** – The station number and station name of the VA Medical Center (VAMC) where the lab test was performed. When available, this column also lists the facility number and facility name of the clinic where the lab test was performed.
- **Dates** –
 - **Specimen** – The date and time the specimen was taken.
 - **Complete** – The date and time the lab report was completed.

Lab Trends Subtab

On the **Trends** subtab for **Labs**, Vooggle displays trendlines for the following lab test results:

NOTE: You can customize which of the following tests appear on the Lab Trends subtab. For details see [Configuring User Settings](#).

- White Blood Count (WBC)
- Hemoglobin (HGB)
- Point of Care Glucose (POC Glucose)
- Prothrombin Time/International Normalized Ratio (PT/INR)
- C-Reactive Protein (CRP)
- Erythrocyte Sedimentation Rate (ESR)
- Creatinine (CR)
- Aspartate Aminotransferase (AST)
- Alanine Aminotransferase (ALT)
- Platelet (PLT)
- Hemoglobin A1C (HGB A1C)
- Low Density Lipoproteins (LDL)



Scroll down to see all the trendlines. As shown in Figure 23, each trendline includes a title, a date range, and buttons to adjust the date range for the trendline.

NOTE: *Changing the date range for the trendline does NOT change the date range for the underlying data set. To change the date range for the data set you must use the Change Date Range button below the Search Term field in the upper right of the Vooggle page.*

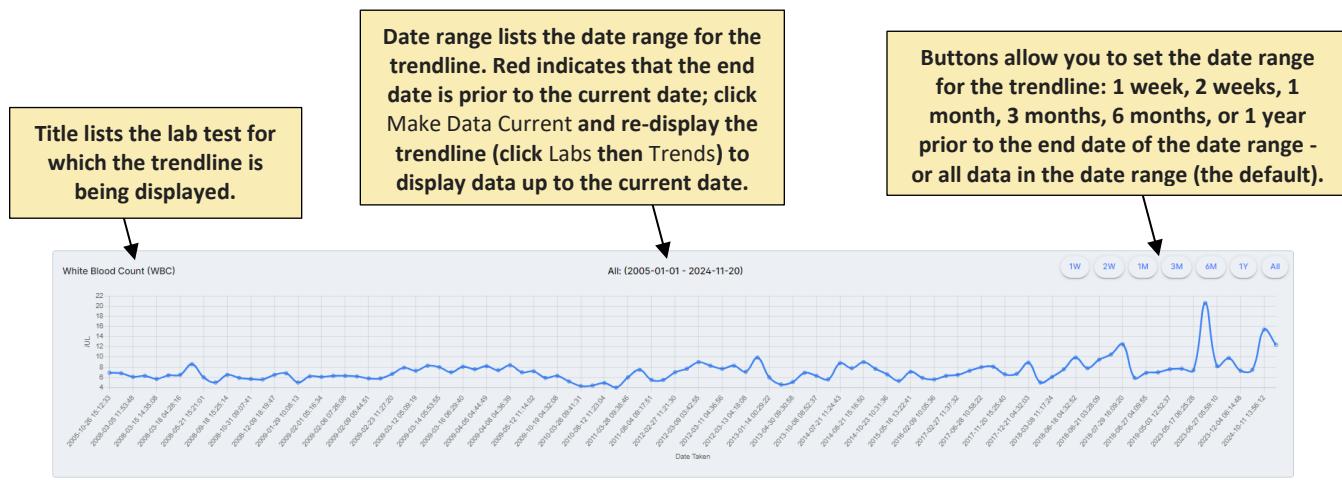


Figure 23: Features of a Vooggle Labs Trends display

The date range is listed in the heading for each of the trendlines. If the end date of the date range is before the current date, Vooggle displays the date range in red, as shown in Figure 24.



Figure 24: Hemoglobin A1C trendline on Vooggle Labs Trends subtab with end date prior to the current date



To view trends for data up to the current date, click **Make Data Current** (below the **Search Term** field in the upper right of the Vooggle page). Once the data is re-gathered, click **Labs**, then **Trends** to view the new trendlines. The date ranges in the trendline headings are now displayed in black, as shown in Figure 25.



Figure 25: Hemoglobin A1C trendline on Vooggle Labs Trends subtab with end date updated to current date

By default, Vooggle shows trendlines for all data in the current date range. As shown in Figure 26, the trendline for a patient who has a large amount of data may be unreadable in the default (All Data) view.

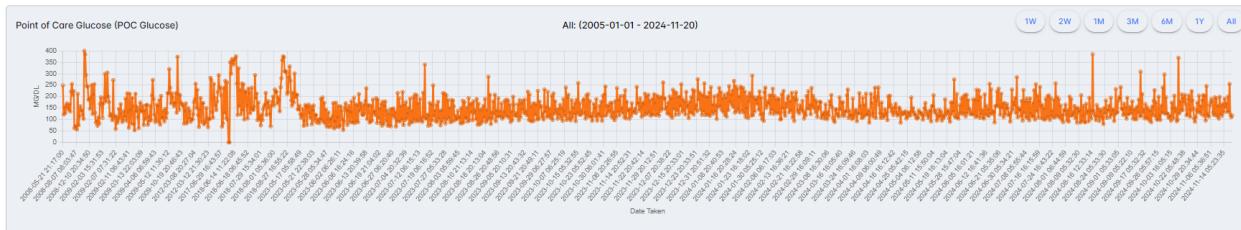


Figure 26: Vooggle Labs trendline with large amount of data - default (All Data) view

In such a case, you can make the data more readable by viewing the trendline for 1 week, 2 weeks, 1 month, 3 months, 6 months, or 1 year prior to the end date of the current date range. To do this, click the appropriate button in the upper right of the trendline display.

Figure 27 shows the trendline for the same patient as in Figure 26, but with the view changed from **All Data** to **1 month (1M)**.



Figure 27: Vooggle Labs trendline with large amount of data - view changed to last 1 month



To view the details of a specific lab test result on a trendline, hover over the data point, as shown in Figure 28.



Figure 28: Voogle Labs Trends tab showing details of a single Hemoglobin A1C test result

Figure 29 shows a sample White Blood Count (WBC) trendline.



Figure 29: White Blood Count (WBC)trendline on Voogle Labs Trends subtab

Figure 30 shows a sample Hemoglobin (HGB) trendline.

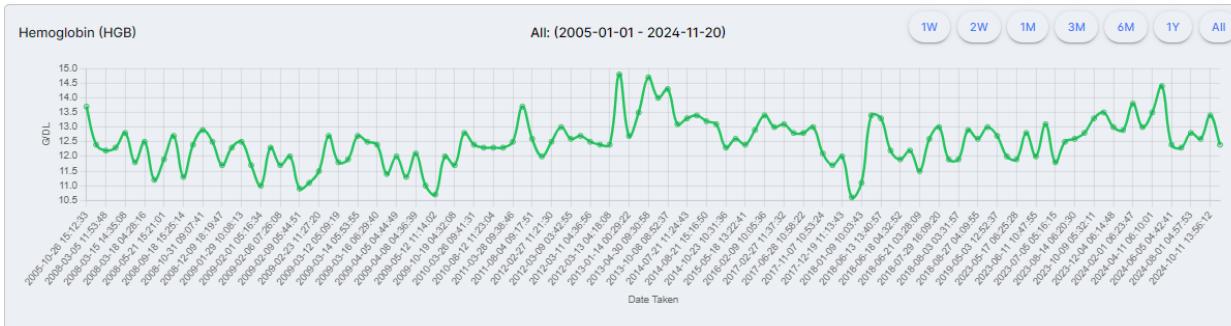


Figure 30: Hemoglobin (HGB) trendline on Voogle Labs Trends subtab



Figure 31 shows a sample Point of Care Glucose (POC Glucose) trendline.

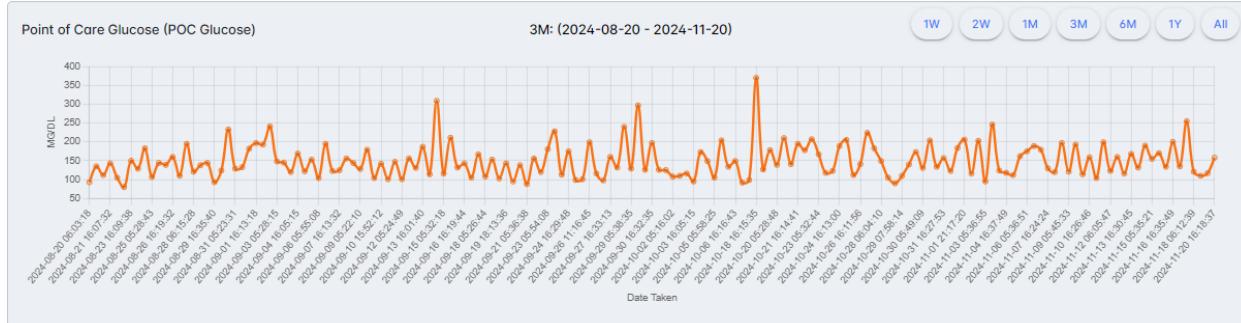


Figure 31: Point of Care Glucose (POC Glucose) trendline on Voogle Labs Trends subtab

Figure 32 shows a sample Prothrombin Time/International Normalized Ratio (PT/INR) trendline.

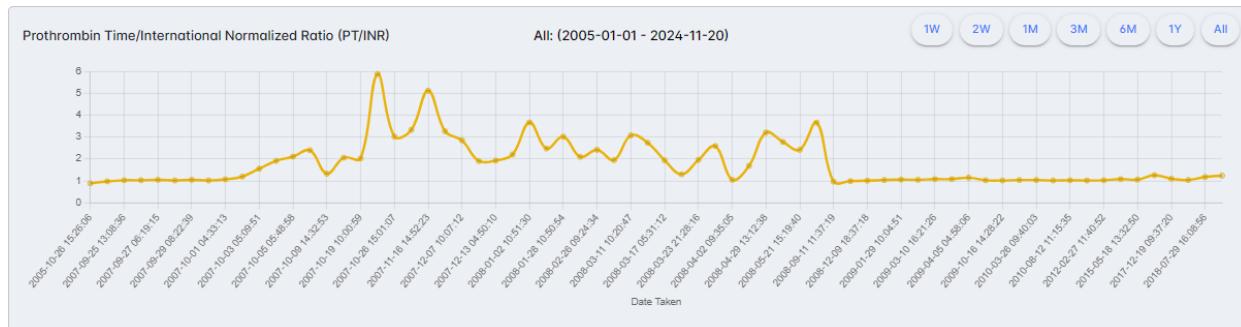


Figure 32: Prothrombin Time/International Normalized Ratio (PT/INR) trendline on Voogle Labs Trends subtab

Figure 33 shows a sample C-Reactive Protein (CRP) trendline.

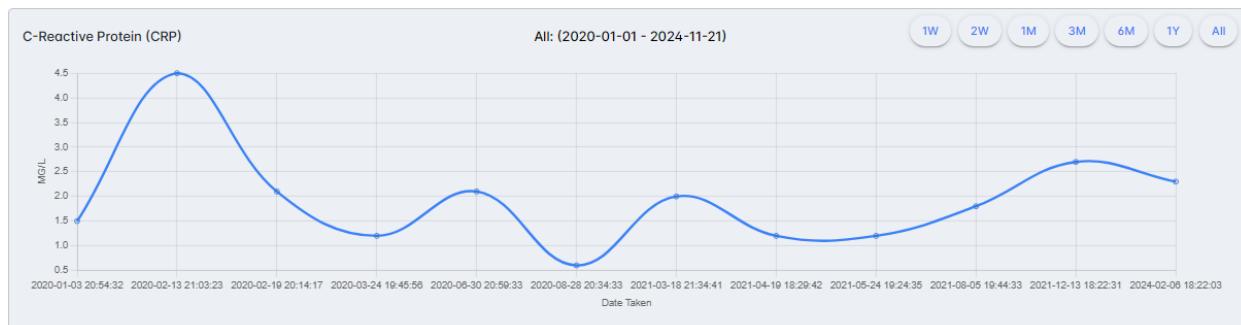


Figure 33: C-Reactive Protein (CRP) trendline on Voogle Labs Trends subtab



Figure 34 shows a sample Erythrocyte Sedimentation Rate (ESR) trendline.



Figure 34: Erythrocyte Sedimentation Rate (ESR) trendline on Voogle Labs Trends subtab

Figure 35 shows a sample Creatinine (CR) trendline.

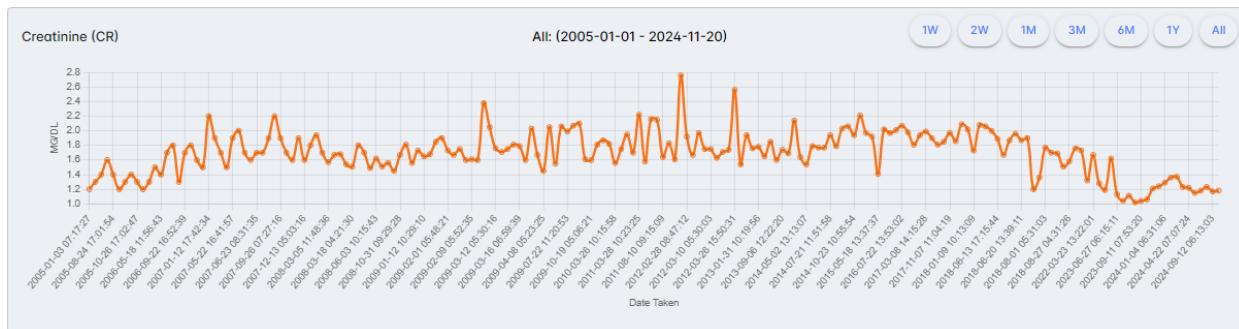


Figure 35: Creatinine (CR) trendline on Voogle Labs Trends subtab

Figure 36 shows a sample Aspartate Aminotransferase (AST) trendline.



Figure 36: Aspartate Aminotransferase (AST) trendline on Voogle Labs Trends subtab



Figure 37 shows a sample Alanine Aminotransferase (ALT) trendline.



Figure 37: Alanine Aminotransferase (ALT) trendline on Voogle Labs Trends subtab

Figure 38 shows a sample Platelet (PLT) trendline.

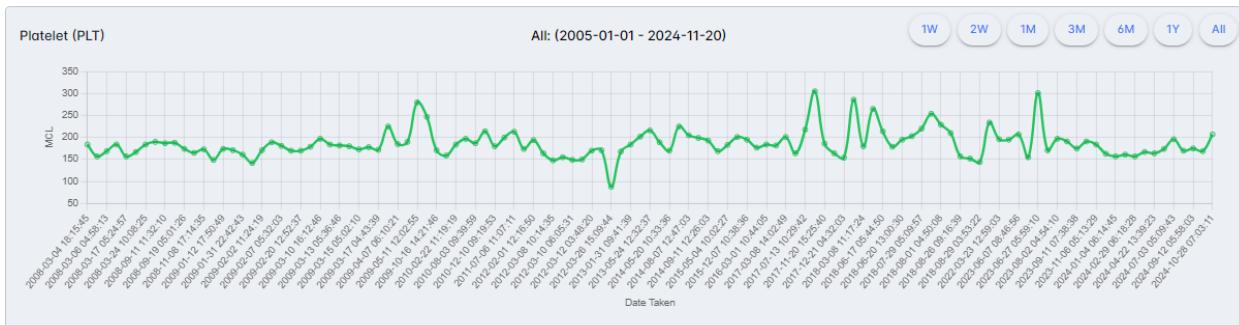


Figure 38: Platelet (PLT) trendline on Voogle Labs Trends subtab

Figure 39 shows a sample Hemoglobin A1C (HGB A1C) trendline.



Figure 39: Hemoglobin A1C (HGB A1C) trendline on Voogle Labs Trends subtab



Figure 40 shows a sample Low Density Lipoproteins (LDL) trendline.

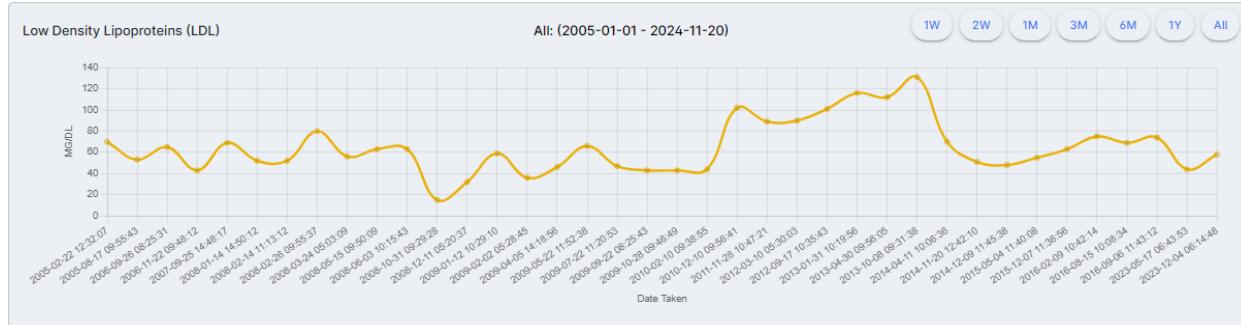


Figure 40: Low Density Lipoproteins (LDL) trendline on Voogle Labs Trends subtab

Rad Tab

On the Rad (Radiology) tab, Voogle provides the following columns of information for each row:

- **Radiology Procedure** – The name of the radiology procedure.
- **Study Reason** – The reason for the requested radiology study.
- **Impression Text** – The impression text of the radiology/nuclear medicine exam associated with this report. The impression text provides a summary of the report text and is entered into the system by the transcriptionist. The impression text may also be entered directly by the interpreting physician if the physician is using a voice recognition system.
- **Report Text** - The report text for the imaging exam. The report text is provided by the interpreting physician and is entered into the system by a transcriptionist. The report text may also be entered directly by the physician if the physician is using a voice recognition system.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the radiology study was performed. When available, this column also lists the facility number and facility name of the clinic where the radiology study was performed.
- **Entered Date** – The date and time the radiology order request was entered into the system.
- **Exam Cat.** – The exam category associated with this case number. It is used to compile workload statistics and various management reports (i.e. AMIS and RCS14-4). Available exam categories are: 'I' for INPATIENT, 'O' for OUTPATIENT, 'C' for CONTRACT, 'S' for SHARING, 'E' for EMPLOYEE, and 'R' for RESEARCH.



- **Case Numbers**

- **Day Case** – The date and case number of the imaging exam associated with this report. The system fills in this field with information obtained from the 'RAD/NUC MED PATIENT' file (#70) according to the case number selected by the transcriptionist. If the site-specific accession number is in use, then the 3-digit Site ID is appended to the beginning of the field.
- **Case Number** – The computer-generated case number of this Imaging exam.
- **Complication Text** – A brief explanation (4-100 characters) to describe the exam complication. This text appears on the Complications Report, and under the "Comment" caption in the detailed exam view of the profile of radiology/nuclear medicine exams.
- **Actions** – provides clickable icons that allow you to view the full impression text ([i](#)) or report text ([o](#)).

Figure 41 shows a sample **Rad** (Radiology) tab.

The screenshot shows the Voogle interface with the Radiology tab selected. The top navigation bar includes links for FAQ, Documentation, and a welcome message for Leslie Deyoung. Below the navigation is a search bar with placeholder text 'e.g. diabetes (type at least 3 characters)' and a date range selector for 'DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16'. The main content area displays a table of radiology procedures:

Procedure	Reason	Impression Text	Report Text
SCREENING MAMMO, BILAT W/O IMPLANTS	TEST	ACR BI-RADS® ASSESSMENTS: BIIRADS 1: NEGATIVE RECOMMENDATION: Routine screening mammogram in 1 year. A letter has been sent to your patient with the results of this examination.	SCREENING MAMMO, BIL W/O IMPLANTS: 08/26/22 - ACCES: 082622-4075 Bilateral CC and MLO view(s) were taken. The t entirely fatty. There are no significant masses, suspicio...
ANKLE, LEFT AP/LAT/MORTISE VIEWS	RA*5.0+189 - Patch Tracking	exam set with separate reports Signed by David Powell on 6/14/2022 12:45 PM CDT	This is a test of Vista patch 189
ANKLE, RIGHT AP/LAT/MORTISE VIEWS	RA*5.0+189 - Patch Tracking	exam set with separate reports Signed by David Powell on 6/14/2022 12:45 PM CDT	This is a test of Vista patch 189
KNEE, RIGHT AP/LAT/PATELLAR	NTP TEST	Testing READING PHYSICIAN: Scott Abedi, MD -1164781613 12/5/2020 12:12 EST VHA National Teleradiology Program 877-780-5559 (For Medical Practitioner Use Only) 795 Willow Road, Bldg 334, Sui...	X-RAY EXAM OF KNEE 3 HISTORY: NTP TEST COMPARISON: Test images, submitted to the VA National Teleradiology Program interpretation. FINDINGS: Testing

Pagination at the bottom indicates 'Showing 1 to 4 of 4 entries'.

Figure 41: Voogle Radiology tab



OutPt Rx Tab

On the **OutPt Rx** (Outpatient Medications) tab, Vooggle provides the following columns of information for each row:

- **Drug Information**
 - **Name** – The drug name and dose.
 - **Class** – The drug classification.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the medication was prescribed. When available, this column also lists the facility number and facility name of the clinic where the medication was prescribed.
- **Status** – The current status of the prescription.
- **Qty.** – The quantity that was filled for the original fill of this prescription.
- **Exp. Date** – The expiration date of the prescription.
- **Issue Date** – The date when the doctor wrote the prescription.
- **Last Fill Date** – The last date that the prescription was filled.
- **Refills Rem** – The number of refills remaining in the prescription.
- **Provider** – The physician who wrote the prescription.
- **Sig** – The instructions for administration of the medication.

VA



U.S. Department of Veterans Affairs

Electronic Health Record Modernization
Integration Office

Figure 42 shows a sample OutPt Rx tab.

Voogle

Choose a Patient Use EDPI

ZZBUNNY,EASTER - 1010

Build Patient Data Check Build Status

FAQ Documentation Welcome Leslie Deyoung

Search Term e.g. diabetes (type at least 3 characters)

DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16

Make Data Current Change Date Range

Notes 2219 Labs 2042 Rad 4 OutPt Rx 274 Immunizations 49 Vitals 136 Allergies 41 Consults 1841 Procedures 422 Surgeries 1 App >

Currently these results include only VistA data.

OutPatient RX									
	Station ↑↓	Status ↑↓	Qty ↑↓	Exp Date ↑↓	Issue Date ↑↓	Last Fill Date ↑↓	Refills Rem ↑↓	Prov ↑	
Name: FISH OIL 1000MG (500MG DHA/EPA) CAP Class: HERBS/ALTERNATIVE THERAPIES	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	100	2024-08-15	2023-08-15	2023-08-15	3	PEDI	
Name: BACITRACIN 500 UNIT/GM TOP OINT Class: ANTIBACTERIAL,TOPICAL	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	30	2023-11-13	2023-08-15	2023-08-15	0	DOC	
Name: BRIEF PROTECTION PLUS LARGE #MSC33505 Class: PADS/DIAPERS,OTHER	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED (EDIT)	1	2024-08-03	2023-08-03	2023-08-03	3	DOC	
Name: SCOPOLAMINE 0.33MG/24HR (1MG/3DAY) PATCH Class: ANTIVERTIGO AGENTS	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	1	2024-08-03	2023-08-03	2023-08-03	3	DOC	
Name: ACETAMINOPHEN 325MG TAB Class: NON-OPIOID ANALGESICS	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	1	2023-09-02	2023-08-03	2023-08-03	0	DOC	
Name: ASPIRIN 81MG EC TAB Class: NON-OPIOID ANALGESICS	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	120	2024-07-27	2023-07-27	2023-07-27	3	SMIT	
Name: CELECOXIB 100MG CAP Class: NONSALICYLATE NSAIs,ANTIRHEUMATIC	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	2	2023-05-26	2023-04-26	2023-04-26	0	SMIT	

Figure 42: Voogle OutPt Rx tab

NOTE: The Refills Rem column is new with the 8/22/24 release of Voogle. If your patient data was gathered prior to this release, this column will be blank until you rebuild the patient data. To do this, enter the Date Range values (below the Search Term field) and click Submit to gather the patient data. When you return to the OutPt Rx tab, the Refills Rem column will now be populated.



Click the Rx *() icon to view an image of the drug (see Figure 43). Click **Close** to close the drug image window and return to the **OutPt Rx** tab.



Figure 43: Drug image from Rx icon

Figure 44 shows a sample **OutPt Rx** tab with the search term “diabetes” entered.

The screenshot shows the Voogle interface with the search term "diabetes" entered. The results table displays four entries related to diabetes medication prescriptions:

Drug Information	Station	Status	Qty	Exp Date	Issue Date	Last Fill Date	Refills Rem	Provic
Name: GLIPIZIDE 5MG TAB Class: ORAL HYPOGLYCEMIC AGENTS,ORAL	671 - Audie L Murphy Memorial Veterans Hospital	EXPIRED	30	2022-09-07	2022-08-08		0	RAMIRI
Name: SEMAGLUTIDE 1MG/0.75ML INJ PEN 3ML Class: HYPOGLYCEMIC AGENTS,OTHER	671 - Audie L Murphy Memorial Veterans Hospital	DISCONTINUED	1	2022-07-07	2021-07-06	2021-07-06	3	DODD,
Name: ZZSEMAGLUTI 0.5MG/0.375ML INJ PEN 1.5ML Class: HYPOGLYCEMIC AGENTS,OTHER	671 - Audie L Murphy Memorial Veterans Hospital Victoria (671GB)	DISCONTINUED BY PROVIDER	1	2022-06-16	2021-06-15	2021-06-15	1	FLOYD,
Name: ZZSEMAGLUTI 0.5MG/0.375ML INJ PEN 1.5ML Class: HYPOGLYCEMIC AGENTS,OTHER	671 - Audie L Murphy Memorial Veterans Hospital Victoria (671GB)	DISCONTINUED BY PROVIDER	1	2022-06-16	2021-06-15	2021-06-15	1	FLOYD,

Figure 44: Voogle OutPt Rx tab with search term “diabetes” entered



Immunizations Tab

On the **Immunizations** tab, Voogle provides the following columns of information for each row:

- **Name** – The name of the immunization.
- **CVX Code** – The Center for Disease Control (CDC) code for this vaccine.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the immunization was given. When available, this column also lists the facility number and facility name of the clinic where the immunization was given.
- **Series** – The number in the vaccination series.
- **Reaction** – The reaction observed by the provider as a result of this immunization.
- **Contraindicated Flag** – Indicates whether the immunization was recorded as contraindicated.
- **Immunization Date** – The date and time that the immunization was given.

Figure 45 shows a sample **Immunizations** tab.

The screenshot shows the Voogle interface with the 'Immunizations' tab selected. At the top, there are search fields for 'Search Term' and 'DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16'. Below the search bar, a navigation bar includes links for Notes (2219), Labs (2042), Rad (4), OutPt Rx (274), Immunizations (49), Vitals (136), Allergies (41), Consults (1841), Procedures (422), Surgeries (1), and Apps. The main content area displays a table of immunization records. The columns are: Name, CVX Code, Station, Series, Reaction, Contraindicated Flag, and Immunization Date. The table shows several entries, such as INFLUENZA, SPLIT VIRUS, TRIVALENT, PF (CVX Code 140, Station 671 - Audie L Murphy Memorial Veterans Hospital, Date 2024-09-26), and COVID-19 (PFIZER), MRNA, LNP-S, PF, 30 MCG/0.3 ML (CVX Code 309, Station 671 - Audie L Murphy Memorial Veterans Hospital, Date 2023-10-25).

Name	CVX Code	Station	Series	Reaction	Contraindicated Flag	Immunization Date
INFLUENZA, SPLIT VIRUS, TRIVALENT, PF	140	671 - Audie L Murphy Memorial Veterans Hospital				2024-09-26
RSV, BIVALENT, PROTEIN SUBUNIT RSVPREF, DILUENT RECONSTITUTED, 0.5 ML, PF	305	671 - Audie L Murphy Memorial Veterans Hospital				2023-10-27
COVID-19 (PFIZER), MRNA, LNP-S, PF, TRIS-SUCROSE, 30 MCG/0.3 ML (AGES 12+ YEARS)	309	671 - Audie L Murphy Memorial Veterans Hospital	B			2023-10-25
INFLUENZA, HIGH-DOSE, QUADRIVALENT, PF	197	671 - Audie L Murphy Memorial Veterans Hospital				2023-10-25
INFLUENZA, HIGH-DOSE, QUADRIVALENT, PF	197	671 - Audie L Murphy Memorial Veterans Hospital				2023-09-19
INFLUENZA, SPLIT VIRUS, QUADRIVALENT, PF	150	671 - Audie L Murphy Memorial Veterans Hospital				2023-09-19
COVID-19 (PFIZER), MRNA, LNP-S, BIVALENT, PF, 30 MCG/0.3 ML DOSE	300	671 - Audie L Murphy Memorial Veterans Hospital	2			2023-07-31

Figure 45: Voogle Immunizations tab



Vitals Tab

The **Vitals** tab provides two subtabs of information: **Data** and **Trends**. As shown in Figure 46, the **Data** subtab is selected by default.

A screenshot of the Vooggle interface showing the Vitals tab selected. A yellow arrow points to the 'Data' subtab button at the top left of the main content area. The main table displays vital sign data with columns for Date Taken, Station, Temperature, Pulse, Oximetry, Blood Pressure, Respiratory Rate, Weight, Height, Pain, Circumference, and CVP. Each row includes 'Taken' and 'Entered' times, station details, and vital sign measurements.

Vitals												
Dates ↓↑	Station ↑↓	Temp	Pulse	Oximetry	Blood Pressure	Resp	Weight (lb)	Height (in)	Pain	Circumference	CVP	
Taken: 2024-10-08 11:39:28 Entered: 2024-10-08 11:40:32	671 - Audie L Murphy Memorial Veterans Hospital	104.4	99	99	120/80	99	204	66		Unavailable	18	
Taken: 2024-08-28 14:45:00 Entered: 2024-08-28 14:45:51	501 - Raymond G Murphy VAMC				180/20							
Taken: 2024-02-05 09:10:00 Entered: 2024-02-05 09:16:01	671 - Audie L Murphy Memorial Veterans Hospital	98.1	78	85	245/135	28			10			
Taken: 2023-12-01 11:45:00 Entered: 2023-12-06 12:55:36	671 - Audie L Murphy Memorial Veterans Hospital	99.3	73	95	160/90	18	180		0			
Taken: 2023-11-14 18:24:00 Entered: 2023-11-14 18:24:46	671 - Audie L Murphy Memorial Veterans Hospital								0			

Figure 46: Vooggle Vitals Data subtab

Vitals Data Subtab

On the **Data** subtab for Vitals, Vooggle provides the following columns of information:

- **Dates** –
 - **Taken** – The date and time that the vital was taken.
 - **Entered** – The date and time that the vital was recorded.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the vitals were recorded. When available, this column also lists the facility number and facility name of the clinic where the vitals were recorded.
- **Temp** – Temperature.
- **Pulse** - Pulse
- **Oximetry** – Blood oxygen saturation level.
- **Blood Pressure** – Blood pressure.



- **Resp.** – Respiratory rate.
- **Weight (lb)** – Weight in pounds.
- **Height (in)** – Height in inches.
- **Pain** – Pain level, on a scale of 1 to 10.
- **Circumference** – Waist circumference.
- **CVP** – Central venous pressure.

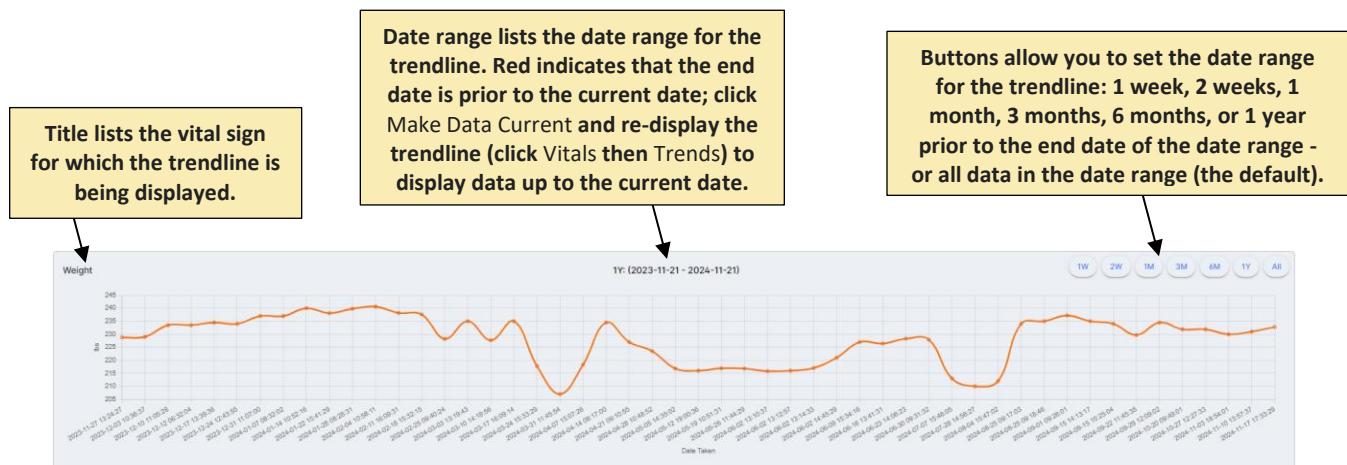
Vitals Trends Subtab

On the **Trends** subtab for **Vitals**, Vooggle displays trendlines for the following vital signs:

- Pulse
- Oximetry
- Weight
- Respiratory rate
- Blood pressure

Scroll down to see all the trendlines. As shown in Figure 47, each trendline includes a title, a date range, and buttons to adjust the date range for the trendline.

NOTE: *Changing the date range for the trendline does NOT change the date range for the underlying data set. To change the date range for the data set, use the Change Date Range button below the Search Term field in the upper right of the Vooggle page.*





The date range is listed in the heading for each of the trendlines. If the end date of the date range is before the current date, Vooggle displays the date range in red, as shown in Figure 48.



Figure 48: Respiratory Rate trendline on Vooggle Vitals Trends subtab with end date prior to the current date

To view trends for data up to the current date, click **Make Data Current** (below the **Search Term** field in the upper right of the Vooggle page). Once the data is re-gathered, click **Vitals**, then **Trends** to view the new trendlines. The date ranges in the trendline headings are now displayed in black, as shown in Figure 49.



Figure 49: Respiratory Rate trendline on Vooggle Vitals Trends subtab with end date updated to current date

By default, Vooggle shows trendlines for all data in the current date range. As shown in Figure 50, the trendline for a patient who has a large amount of data may be unreadable in the default (All Data) view.

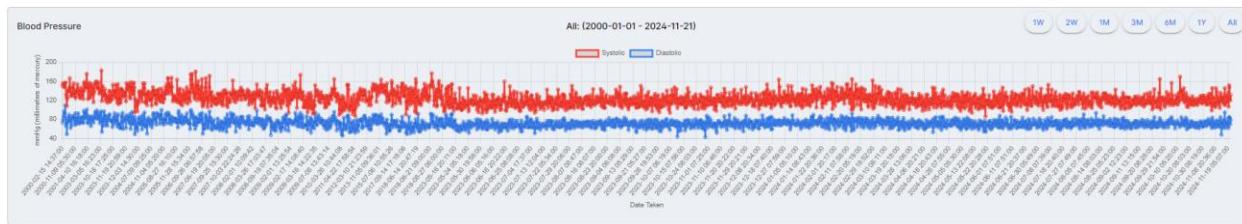


Figure 50: Vooggle Vitals trendline with large amount of data - default (All Data) view



In such a case, you can make the data more readable by viewing the trendline for 1 week, 2 weeks, 1 month, 3 months, 6 months, or 1 year prior to the end date of the current date range. To do this, click the appropriate button in the upper right of the trendline display.

Figure 51 shows the trendline for the same patient as in Figure 50, but with the view changed from All Data to 1 month.



Figure 51: Voogle Vitals trendline with large amount of data - view changed to last 1 month

To view the details of a specific vital sign reading on a trendline, hover over the data point, as shown in Figure 52.

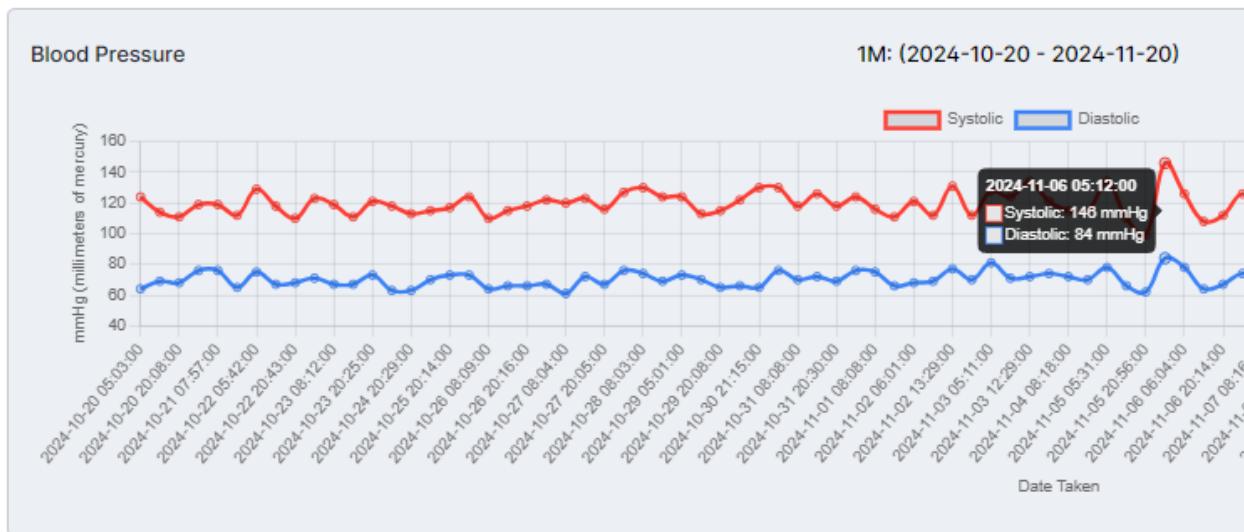


Figure 52: Voogle Vitals Trends tab showing details of a single blood pressure reading



Figure 53 shows a sample Pulse trendline.

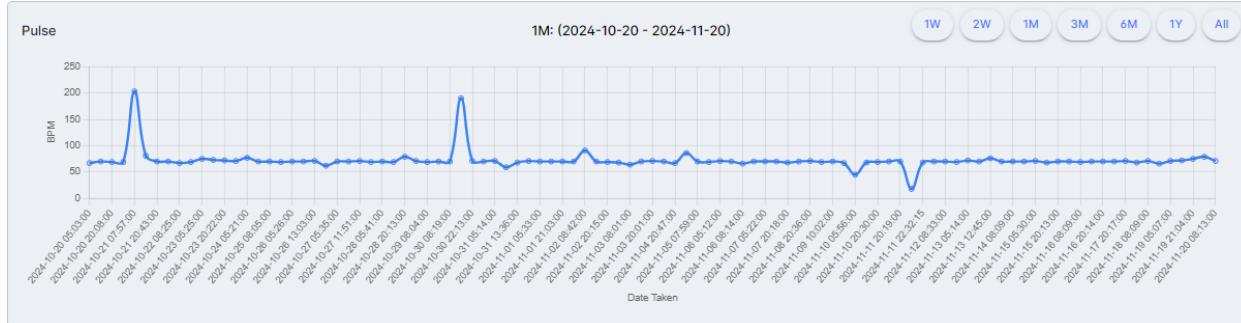


Figure 53: Pulse trendline on Voogle Vitals Trends subtab

Figure 54 shows a sample Oximetry trendline.



Figure 54: Oximetry trendline on Voogle Vitals Trends subtab

Figure 55 shows a sample Weight trendline.



Figure 55: Weight trendline on Voogle Vitals Trends subtab



Figure 56 shows a sample Respiratory Rate trendline.



Figure 56: Respiratory Rate trendline on Voogle Vitals Trends subtab

Figure 57 shows a sample Blood Pressure trendline.



Figure 57: Blood Pressure trendline on Voogle Vitals Trends subtab

Allergies Tab

On the **Allergies** tab, Voogle provides the following columns of information for each row:

- **Reactant** – The agent to which the patient had the adverse reaction.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the allergy was recorded. When available, this column also lists the facility number and facility name of the clinic where the allergy was recorded.
- **Type** – The reactant type (F (food), D (drug), or O (Other)).
- **Severity** – The severity of the allergic reaction.
- **History** – Indicates whether this allergy/adverse reaction has been observed by clinical personnel (O), or if it is historical data gathered about the patient (H).
- **Mechanism** – The mechanism of the allergic reaction.



- Dates –

- **Origination** – The date and time that the allergy/adverse reaction was entered into the system.
- **Verification** – The date and time that the allergy/adverse reaction was verified.
- **Error** – The date and time that the allergy/adverse reaction was entered in error.

Figure 58 shows a sample Allergies tab.

The screenshot shows the Voogle interface for the Allergies tab. At the top, there's a navigation bar with links for FAQ, Documentation, and a user profile for Leslie Deyoung. Below the navigation is a search bar with placeholder text "e.g. diabetes (type at least 3 characters)" and a date range selector showing "DOB: 1910-10-10 Document Count: 1887 Date Range: 2020-05-20 - 2025-05-20". The main area displays a table of allergies:

Allergies						
Reactant↑↓	Station ↑↓	Type↑↓ D=Drug, F=Food, O=Other	Severity↑↓	History↑↓ h=Historical, o=Observed	Mechanism↑↓ A=Allergy, P=Pharmacologic, U=Unknown	Dates↑↓ Origination, Verification, Error
SULFA DRUGS	671 - Audie L Murphy Memorial Veterans Hospital	D		h	U	Origination: 2023-05-01 08:55:00 Verification: 2023-05-01 08:57:45 Error:
PEANUTS	674 - Olin E Teague Veterans Center	DF		h	A	Origination: 2023-04-18 08:51:00 Verification: 2023-04-18 08:53:35 Error:
PHENERGAN	671 - Audie L Murphy Memorial Veterans Hospital	D		h	U	Origination: 2023-03-06 09:54:00 Verification: 2023-03-06 09:57:59 Error: 2023-05-01 08:59:54
PENICILLIN	671 - Audie L Murphy Memorial Veterans Hospital	D	MILD	o	A	Origination: 2023-01-11 13:41:00 Verification: 2023-01-11 13:41:46 Error: 2023-01-11 13:42:21
PENICILLIN	671 - Audie L Murphy Memorial Veterans Hospital	D		h	A	Origination: 2022-11-01 08:40:00 Verification: 2022-11-01 08:43:19 Error: 2022-11-01 08:45:00
YESCARTA	671 - Audie L Murphy Memorial Veterans Hospital	D		h	A	Origination: 2022-10-24 12:13:00 Verification: 2022-10-24 12:14:27 Error:
CARROTS	671 - Audie L Murphy Memorial Veterans Hospital	DF		h	P	Origination: 2022-07-27 08:09:00 Verification: 2022-07-27 08:10:03

Figure 58: Voogle Allergies tab



Consults Tab

On the **Consults** tab, Voogle provides the following columns of information for each row:

- **Request Type Code** – Indicates whether the order is a consult (C) or a procedure request (P).
- **Consult Title** – The TIU note title associated with the consult request.
- **Consult Reason** – The reason for the requested consult.
- **Result** – The TIU note associated with the consult.
- **Activity Comment** – A comment associated with a particular activity associated with the consult. A single consult may have multiple activity comments and therefore be displayed over multiple rows in Voogle.
- **Provisional Diagnosis** – The provisional diagnosis at the time the consult was created.
- **Urgency** – The urgency of the consult: STAT, EMERGENCY, INPATIENT, NEXT AVAILABLE, NOW, ROUTINE, TODAY, WITHIN 24 HOURS, WITHIN 48 HOURS, WITHIN 72 HOURS, WITHIN 1 WEEK, WITHIN 1 MONTH.
- **Order Status** – The current CPRS status of the consult or request order.
- **Station** – The station number and station name of the VA Medical Center (VAMC) from which the consult order originated. When available, this column also lists the facility number and facility name of the clinic from which the consult order originated.
- **Sending**
 - **Staff** – The name of the staff member sending the consult order.
 - **Location** – The name of the location sending the consult order.
- **Dates**
 - **Request Date Time** – The date and time the consult order was released.
 - **File Entry Date Time** – The date and time that the consult order was actually entered into the file.
 - **Activity Date Time** – The Date and time the actual consult activity was done. This may be different than the date and time that the action was entered for certain actions.



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- **Actions** – provide clickable icons that allow you to view the full **Consult Reason** text ([i](#)), **Result** text ([e](#)), **Activity Comment** text ([d](#)), or **Provisional Diagnosis** text ([b](#)).

Figure 59 shows a sample **Consults** tab. Use the scroll bars at the bottom of the tab to bring other columns into view.

The screenshot displays the 'Consults' tab in the Voogle interface. The top navigation bar includes links for 'Choose a Patient', 'Search Term', 'FAQ', 'Documentation', and 'Welcome Leslie Deyoung'. Below the navigation is a search bar with placeholder text 'e.g. diabetes (type of least 3 characters)' and a date range selector 'DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-23 - 2024-10-16'. The main content area shows a table of consult requests with columns: Notes (2219), Labs (2042), Rod (4), OutPt Rx (274), Immunizations (49), Vitals (34), Allergies (41), Consults (1841), Procedures (429), Surgeries (1), Apt (669), Services (1929), Problems (46), OutPt Dx (705), Health Factors (347), and Non (1). A search bar 'Q Search' is located above the table. The table rows show various consult details, such as 'MH CONS DR RTP MH-R RTP-VA OUTPT' and 'SLRG WOUND/STOMY ALM INPATIENT CONSULT', along with their respective results, activity comments, and provisional diagnoses.

Figure 59: Voogle Consults tab



Procedures Tab

On the **Procedures** tab, Voogle provides the following columns of information for each row:

- Procedure Date** – The date and time when the procedure was performed.
- Description** – The provider's description of the procedure.
- Performed By** – The provider who performed the procedure.
- Ordered By** – The provider who ordered the procedure.
- Station** – The station number and station name of the VA Medical Center (VAMC) where the procedure was performed. When available, this column also lists the facility number and facility name of the clinic where the procedure was performed.

Figure 60 shows a sample **Procedures** tab.

The screenshot shows the Voogle interface with the 'Procedures' tab selected. The top navigation bar includes links for 'FAQ', 'Documentation', and 'Welcome Leslie Deyoung'. Below the search bar, there are buttons for 'Build Patient Data', 'Check Build Status', 'Make Data Current', and 'Change Date Range'. The main content area displays a table of procedures. The columns are: Procedure Date, Description, Performed By, Ordered By, and Station. The table shows 10 entries of procedures performed by YUNES, ANDREA at station 671 - Audie L Murphy Memorial Veterans Hospital. The table includes a search bar at the top right and a navigation bar at the bottom with links for Notes, Labs, Rad, OutPt Rx, Immunizations, Vitals, Allergies, Consults, Procedures, and a summary link.

Procedures				
Procedure Date ↑↓	Description ↑↓	Performed By ↑↓	Ordered By ↑↓	Station ↑↓
2024-10-16 10:08:00	HEPATITIS C AB TEST	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-10-03 14:07:00	CHORIONIC GONADOTROPIN TEST	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-10-02 15:14:00	ASSAY OF PSA TOTAL	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-10-02 15:14:00	UNLISTED CHEMISTRY PROCEDURE	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-10-02 12:20:00	CHORIONIC GONADOTROPIN TEST	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-09-30 13:00:00	VARICELLA-ZOSTER ANTIBODY	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-09-27 14:45:00	VITAMIN D 25 HYDROXY	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-09-27 14:44:00	TREPONEMA PALLIDUM	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-09-27 14:44:00	RUBEOLA ANTIBODY	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital
2024-09-27 14:44:00	MUMPS ANTIBODY	YUNES,ANDREA	YUNES,ANDREA	671 - Audie L Murphy Memorial Veterans Hospital

Figure 60: Voogle Procedures tab



Surgeries Tab

On the **Surgeries** tab, Vooggle provides the following columns of information for each row:

- **ASA Class** – The American Society of Anesthesiologists classification. This is a number that is used to describe the patient's physiologic status prior to a surgery that requires anesthesia. The numbers range from 1, which identifies a person in good health, to 5, which identifies as a person with a severe, life-threatening condition. Classification 6 identifies deceased organ donors.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the surgery was performed. When available, this column also lists the facility number and facility name of the clinic where the surgery was performed.
- **Pre-op Diagnosis** – The pre-operative diagnosis.
- **Post-op Diagnosis** – The post-operative diagnosis.
- **CPT Name** – A short description of the CPT code associated with this surgical procedure.
- **Specialty** – The medical specialty credited for doing this surgery.
- **Dates** –
 - **Scheduled Start** – The date and time the surgery was scheduled to start.
 - **Began** – The actual date and time the surgery started.
 - **Ended** – The actual date and time the surgery ended.

Figure 61 shows a sample **Surgeries** tab.

The screenshot shows the Vooggle interface with the 'Surgeries' tab selected. At the top, there are search fields for 'Choose a Patient' (set to ZZBUNNY,EASTER - 1010), 'Search Term' (e.g. diabetes), and date ranges. Below the search bar, a navigation bar includes tabs for 'Labs' (2042), 'Rad' (4), 'OutPt Rx' (276), 'Immunizations' (49), 'Vitals' (136), 'Allergies' (41), 'Consults' (1841), 'Procedures' (422), and 'Surgeries' (1). The 'Surgeries' tab is active, showing a single result row. The row contains columns for ASA Class (671 - Audit I. Murphy Memorial Veterans Hospital North West San Antonio VA Clinic (6710G)), Station (Cataract), Pre-op Diagnosis (Cataract), Post-op Diagnosis (CATARACT OD), CPT Name, and Specialty. A note at the bottom indicates that results include only Vista data. The bottom of the screen shows pagination controls and a page size selector.

Figure 61: Vooggle Surgeries tab



Appt Tab

On the **Appt** (Appointments) tab, Vooggle provides the following columns of information for each row:

- **Location** – The clinic name associated with the appointment.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the appointment was scheduled. When available, this column also lists the facility number and facility name of the clinic where the appointment was scheduled.
- **Medical Service** – The medical service assigned to the specific location.
- **Appt Type** – The appointment type. For example, CLASS II DENTAL is designated for Veterans who scheduled an appointment to be treated for a dental condition that was related to active duty.
- **Length** – The length of the appointment.
- **Status** – The abbreviation corresponding to the status of the appointment. If the field is blank, it means the appointment was not no showed or cancelled and the patient was not an inpatient at the time of the appointment. Possible values include C (Cancelled by Clinic), CA (Cancelled by Clinic and Auto re-book), I (Inpatient appointment), N (no show), NA (no show and auto rebook), NC (non-count), PC (cancelled by patient), PCA (cancelled by patient and auto rebook).
- **Dates** –
 - **Date/Time** – The date and time of the appointment.
 - **Made** – The date and time that the appointment was made.
 - **Canceled** – The date and time that the appointment was canceled.

VA



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Figure 62 shows a sample Appt tab.

Choose a Patient Use EDIPI
ZZBUNNY,EASTER - 1010

Search Term e.g. diabetes (type at least 3 characters)
DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16
 Make Data Current Change Date Range

< Appt 565		Services 1235	Problems 68	OutPt Dx 708	Health Factors 5061	Non VA Meds 31	Similar Terms	Negation	Additional >																																																	
Currently these results include only VistA data.																																																										
Appointments																																																										
<table border="1"> <thead> <tr> <th>Location</th> <th>Station ↑↓</th> <th>Medical Service ↑↓</th> <th>Appt Type ↑↓</th> <th>Length ↑↓</th> <th>Status ↑↓</th> <th>Dates ↓↑</th> </tr> </thead> <tbody> <tr> <td>ALM PACT GER SILVER 1 RES 1 AUDIE L MURPHY MEMORIAL VAMC</td> <td>671 - Audie L Murphy Memorial Veterans Hospital</td> <td>NONE</td> <td>REGULAR</td> <td>60</td> <td>C</td> <td>Date/Time: 2023-10-31 14:15:00 Made: 2023-08-13 07:56:25 Canceled: 2023-08-13 07:56:46</td> </tr> <tr> <td>DPC OPTOMETRY 1 DATA POINT VA CLINIC</td> <td>671 - Audie L Murphy Memorial Veterans Hospital Data Point (671QB)</td> <td>SURGERY</td> <td>REGULAR</td> <td>30</td> <td>C</td> <td>Date/Time: 2023-10-13 10:00:00 Made: 2022-11-16 14:32:31 Canceled: 2022-12-19 17:36:58</td> </tr> <tr> <td>ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC</td> <td>671 - Audie L Murphy Memorial Veterans Hospital</td> <td>NONE</td> <td>REGULAR</td> <td>60</td> <td>C</td> <td>Date/Time: 2023-09-11 14:00:00 Made: 2023-05-10 10:09:16 Canceled: 2023-05-12 11:45:38</td> </tr> <tr> <td>ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC</td> <td>671 - Audie L Murphy Memorial Veterans Hospital</td> <td>NONE</td> <td>REGULAR</td> <td>60</td> <td>C</td> <td>Date/Time: 2023-08-28 10:00:00 Made: 2023-05-02 00:00:00 Canceled: 2023-05-02 11:21:46</td> </tr> <tr> <td>ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC</td> <td>671 - Audie L Murphy Memorial Veterans Hospital</td> <td>NONE</td> <td>REGULAR</td> <td>60</td> <td>C</td> <td>Date/Time: 2023-08-28 07:00:00 Made: 2023-05-10 10:00:44 Canceled: 2023-05-10 10:01:43</td> </tr> <tr> <td>AUS NUR PACT PHY15 AUSTIN</td> <td>674 - Olin E Teague Veterans Center Austin (674BY)</td> <td>MEDICINE</td> <td>REGULAR</td> <td>30</td> <td>C</td> <td>Date/Time: 2023-08-23 09:30:00 Made: 2023-03-28 13:24:09 Canceled: 2023-04-17 07:17:43</td> </tr> </tbody> </table>										Location	Station ↑↓	Medical Service ↑↓	Appt Type ↑↓	Length ↑↓	Status ↑↓	Dates ↓↑	ALM PACT GER SILVER 1 RES 1 AUDIE L MURPHY MEMORIAL VAMC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-10-31 14:15:00 Made: 2023-08-13 07:56:25 Canceled: 2023-08-13 07:56:46	DPC OPTOMETRY 1 DATA POINT VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital Data Point (671QB)	SURGERY	REGULAR	30	C	Date/Time: 2023-10-13 10:00:00 Made: 2022-11-16 14:32:31 Canceled: 2022-12-19 17:36:58	ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-09-11 14:00:00 Made: 2023-05-10 10:09:16 Canceled: 2023-05-12 11:45:38	ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-08-28 10:00:00 Made: 2023-05-02 00:00:00 Canceled: 2023-05-02 11:21:46	ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-08-28 07:00:00 Made: 2023-05-10 10:00:44 Canceled: 2023-05-10 10:01:43	AUS NUR PACT PHY15 AUSTIN	674 - Olin E Teague Veterans Center Austin (674BY)	MEDICINE	REGULAR	30	C	Date/Time: 2023-08-23 09:30:00 Made: 2023-03-28 13:24:09 Canceled: 2023-04-17 07:17:43
Location	Station ↑↓	Medical Service ↑↓	Appt Type ↑↓	Length ↑↓	Status ↑↓	Dates ↓↑																																																				
ALM PACT GER SILVER 1 RES 1 AUDIE L MURPHY MEMORIAL VAMC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-10-31 14:15:00 Made: 2023-08-13 07:56:25 Canceled: 2023-08-13 07:56:46																																																				
DPC OPTOMETRY 1 DATA POINT VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital Data Point (671QB)	SURGERY	REGULAR	30	C	Date/Time: 2023-10-13 10:00:00 Made: 2022-11-16 14:32:31 Canceled: 2022-12-19 17:36:58																																																				
ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-09-11 14:00:00 Made: 2023-05-10 10:09:16 Canceled: 2023-05-12 11:45:38																																																				
ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-08-28 10:00:00 Made: 2023-05-02 00:00:00 Canceled: 2023-05-02 11:21:46																																																				
ZZ24ALM HAS TEST SAN ANTONIO NORTHEAST 410 VA CLINIC	671 - Audie L Murphy Memorial Veterans Hospital	NONE	REGULAR	60	C	Date/Time: 2023-08-28 07:00:00 Made: 2023-05-10 10:00:44 Canceled: 2023-05-10 10:01:43																																																				
AUS NUR PACT PHY15 AUSTIN	674 - Olin E Teague Veterans Center Austin (674BY)	MEDICINE	REGULAR	30	C	Date/Time: 2023-08-23 09:30:00 Made: 2023-03-28 13:24:09 Canceled: 2023-04-17 07:17:43																																																				

Figure 62: Voogle Appt (Appointments) tab



Services Tab

On the **Services** tab, Voogle provides the following columns of information for each row:

- **CPT Code** – The CPT code associated with the service provided.
- **CPT Name** – A short description of the CPT code associated with the service provided.
- **CPT Category** – The CPT category associated with the CPT code.
- **CPT Source** – The source of the code: CPT, HCPCS, or Local.
- **Quantity** – The number of times the procedure was performed on the patient during the encounter.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the service was provided. When available, this column also lists the facility number and facility name of the clinic where the service was provided.
- **Visit Date** – The date and time of the encounter where the service was provided.

Figure 63 shows a sample **Services** tab.

The screenshot shows the Voogle Services tab interface. At the top, there are search fields for 'Search Term' (e.g. diabetes) and date ranges (DOB: 1910-10-10, Document Count: 2219, Date Range: 2019-09-25 - 2024-10-16). Below the search bar, there are navigation tabs for Surgeries, Appt, Services (selected), Problems, OutPt Dx, Health Factors, Non VA Meds, Similar Terms, Negation, and Additional De. The main table displays a list of services with the following columns: CPT Code, CPT Name, CPT Category, CPT Source, Quantity, Station, and Visit Date. The table shows 8 rows of data, all from the 671 - Audie L Murphy Memorial Veterans Hospital.

Patient Services						
CPT Code ↑↓	CPT Name ↑↓	CPT Category ↑↓	CPT Source ↑↓	Quantity ↑↓	Station ↑↓	Visit Date ↑↓
84153	ASSAY OF PSA TOTAL	CHEMISTRY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-10-02 15:14:00
84702	CHORIONIC GONADOTROPIN TEST	CHEMISTRY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-10-02 12:20:00
90853	GROUP PSYCHOTHERAPY	PSYCHIATRY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-09-30 14:23:00
86787	VARICELLA-ZOSTER ANTIBODY	IMMUNOLOGY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-09-30 13:00:00
82306	VITAMIN D 25 HYDROXY	CHEMISTRY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-09-27 14:45:00
86780	TREPONEMA PALLIDUM	IMMUNOLOGY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-09-27 14:44:00
86765	RUBEOLA ANTIBODY	IMMUNOLOGY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-09-27 14:44:00
86735	MUMPS ANTIBODY	IMMUNOLOGY	CPT	1	671 - Audie L Murphy Memorial Veterans Hospital	2024-09-27 14:44:00

Figure 63: Voogle Services tab



Problems Tab

On the **Problems** tab, Vooggle provides the following columns of information for each row:

- **Clinical Term** – The clinical lexicon term which most closely represents the provider narrative of the problem treated.
- **ICD** – The ICD code corresponding to the problem.
- **Diagnosis Text** – The diagnosis that the ICD code corresponding to the problem represents.
- **Location** – The clinic at which this patient is being seen for this problem
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the problem was documented. When available, this column also lists the facility number and facility name of the clinic where the problem was documented.
- **Active** – The current status of this problem: A (active) or I (inactive).
- **Dates** –
 - **Modified** – The date and time that the problem was last modified.
 - **Entered** – The date and time that the problem was entered online.
 - **Onset** – The approximate date that this problem appeared.
 - **Recorded** – The date this problem was originally recorded, either online or in the paper chart; it may be the same as, or earlier than, the Date Entered
 - **Resolved** – The approximate date that this problem was resolved or inactivated.

Figure 64 shows a sample **Problems** tab.

The screenshot shows the Voogle interface with the 'Problems' tab selected. At the top, there's a search bar and various navigation buttons like 'Build Patient Data', 'Check Build Status', 'Make Data Current', and 'Change Date Range'. Below the header, a table displays a list of clinical problems. The columns include Clinical Term, ICD, Diagnosis Text, Location, Station, Active status, and Dates. Each row provides detailed information about a specific problem, such as its ICD code, description, and associated location and station.

Clinical Term	ICD	Diagnosis Text	Location	Station	Active	Dates
Scope: DIRECTLY LINKED Type: SYNONYM Term: Ischaemic stroke Condition: P	ICD: I63.9 Description: Cerebral infarction, unspecified	Ischaemic stroke	TEM EVENT	674 - Clin I Teague Veterans Center	A	Modified: 2 Entered: 20 OnSet: 202 Recorded: Resolved:
Scope: DIRECTLY LINKED Type: MAJOR CONCEPT Term: Exposure to potentially hazardous substance Condition: H	ICD: 277.29 Description: Contact with and (suspected) exposure to other hazardous substances	Exposure to potentially hazardous substance	ZZ24VIKIE'S TEST NC	671 - Audie L Murphy Memorial Veterans Hospital	A	Modified: 2 Entered: 20 OnSet: Recorded: Resolved:
Scope: DIRECTLY LINKED Type: MAJOR CONCEPT Term: Exposure to potentially hazardous substance Condition: H	ICD: 277.9 Description: Other contact with and (suspected) exposures hazardous to health	Exposure to potentially hazardous substance	ZZ25KMC PACT GER STAFF 2	671 - Audie L Murphy Memorial Veterans Hospital Kernville VAMC (671A4)	A	Modified: 2 Entered: 20 OnSet: Recorded: Resolved:
Scope: DIRECTLY LINKED Type: MAJOR CONCEPT Term: Exposure to potentially hazardous substance Condition: H	ICD: 277.29 Description: Contact with and (suspected) exposure to other hazardous substances	Exposure to Potentially Hazardous Substance (SCT 133261000119105)	ZZ24VIKIE'S TEST NC	671 - Audie L Murphy Memorial Veterans Hospital	A	Modified: 2 Entered: 20 OnSet: Recorded: Resolved:
Scope: DIRECTLY LINKED Type: MAJOR CONCEPT	ICD: 277.29 Description: Contact with and (suspected) exposure to other	Exposure to Potentially Hazardous Substance (SCT 133261000119105)	ZZ24VIKIE'S TEST NC	671 - Audie L Murphy Memorial Veterans	A	Modified: 2 Entered: 20 OnSet: Recorded: Resolved:

Figure 64: Voogle Problems tab

OutPt Dx Tab

On the **OutPt Dx** (Outpatient Diagnoses) tab, Voogle provides the following columns of information for each row:

- **Term**
 - **Term** – The clinical lexicon term which most closely represents the provider narrative of the problem treated.
 - **Type** – The type associated with the clinical expression; for example, MAJOR CONCEPT.
- **Diagnosis**
 - **ICD** – The ICD code associated with the diagnosis.
 - **Description** – The description of the ICD code associated with the diagnosis.
- **Diagnosis Text** – The description of the ICD code associated with the diagnosis.
- **Mnemonic** – A mnemonic that stands for the provider narrative.
- **Problem List** – The problem list entry related to the problem treated at the visit.



- **Narrative** – The provider's text describing the condition that was treated at the visit.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the outpatient diagnosis was documented. When available, this column also lists the facility number and facility name of the clinic where the outpatient diagnosis was documented.
- **Date** – The date and time of the encounter associated with this diagnosis.

Figure 65 shows a sample **OutPt Dx** (outpatient diagnoses) tab.

The screenshot shows the Voogle interface with the 'OutPt Dx' tab selected. The top navigation bar includes links for 'FAQ', 'Documentation', and 'Leslie Deyoung'. Below the navigation is a search bar with placeholder text 'e.g. diabetes (type at least 3 characters)' and a date range selector 'DOB: 1910-10-10 Document Count: 1887 Date Range: 2020-05-20 - 2025-05-20'. The main content area displays a table of outpatient diagnoses:

Term	Diagnosis ↑↓	Description ↑↓	Mnemonic ↑↓	Problem List	Narrative
Term: Encounter for Screening for Eye and Ear Disorders Type: MAJOR CONCEPT	ICD: Z13.5 Description: Encounter for screening for eye and ear disorders	Encounter for screening for eye and ear disorders		Problem List: Problem Conditions:	
Term: Alcohol Abuse, Uncomplicated Type: MAJOR CONCEPT	ICD: F10.10 Description: Alcohol abuse, uncomplicated	Alcohol abuse, uncomplicated		Problem List: Problem Conditions:	
Term: Depression, unspecified Type: MAJOR CONCEPT	ICD: F32.0 Description: Depression, unspecified	Depression, unspecified		Problem List: Problem Conditions:	
Term: Hepatitis A with Hepatic Coma Type: MAJOR CONCEPT	ICD: B15.0 Description: Hepatitis A with hepatic coma	Hepatitis A with hepatic coma		Problem List: Problem Conditions:	
Term: Irritability and Anger Type: MAJOR CONCEPT	ICD: R45.4 Description: Irritability and anger	Irritability and anger		Problem List: Problem Conditions:	
Term: Alcohol Abuse, Uncomplicated Type: MAJOR CONCEPT	ICD: F10.10 Description: Alcohol abuse, uncomplicated	Alcohol abuse, uncomplicated		Problem List: Problem Conditions:	

Figure 65: Voogle OutPt Dx (Outpatient Diagnoses) tab



InPt Dx Tab

On the **InPt Dx** (inpatient diagnoses) tab, Vooggle provides the following columns of information for each row:

- **Facilities**
 - **Transfer From** – The facility from which the patient was transferred.
 - **Discharge From** – The facility from which the patient was discharged.
- **ICD Code** – The ICD code associated with this diagnosis.
- **Diagnosis** – bold indicates primary
- **Admit/Discharge**
 - **Admitted** – The admit date associated with this diagnosis.
 - **Discharged** – The discharge date associated with this diagnosis.



Health Factors Tab

On the **Health Factors** tab, Voogle provides the following columns of information for each row:

- **Type** – The description of the health factor; for example, “SMOKER”, “AGE OVER 75”. Health factors provide information about various indicators of health such as smoking status, alcohol consumption and obesity, but may also include test or lab results obtained outside the VA, risk assessments or clinical interventions, screenings, and so on.
- **Severity** – The approximate magnitude of this health factor.
- **Visit Date** – The date and time of the encounter or occasion of service that represents when and where the health factor was recorded.
- **Diag Date** – The date and time of the diagnosis associated with the health factor.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the health factor was documented. When available, this column also lists the facility number and facility name of the clinic where the health factor was documented.
- **Comments** – Comments related to the patient’s health factor.

Figure 66 shows a sample **Health Factors** tab.

The screenshot shows the Voogle interface with the 'Health Factors' tab selected. The top navigation bar includes links for Procedures (422), Surgeries (1), Appt (565), Services (1235), Problems (48), OutPt Dx (708), Health Factors (5061), Non VA Meds (31), Similar Terms, Negation, and Additional De. The search term 'e.g. diabetes (type at least 3 characters)' is present, along with buttons for 'Make Data Current' and 'Change Date Range'. The main table displays the following data:

Type	Severity	Visit Date	Diag Date	Station	Comments
WH ORDER MAMMOGRAM SCREEN HF		2024-10-07 11:06:54	2024-10-07 16:22:07	671 - Audie L Murphy Memorial Veterans Hospital 671	
VA-GEC AGE-FRIENDLY 4MS NOTE TEMPLATE V1		2024-10-01 08:04:02	2024-10-01 15:26:14	671 - Audie L Murphy Memorial Veterans Hospital 671	
VA-WHS-AGE-FRIENDLY-WHAT MATTERS		2024-10-01 08:04:02	2024-10-01 15:26:14	671 - Audie L Murphy Memorial Veterans Hospital 671	
VA-WHS-AFHS-IDENTIFY PATIENT PRIORITIES		2024-10-01 08:04:02	2024-10-01 15:26:14	671 - Audie L Murphy Memorial Veterans Hospital 671	
VA-WHS-AGE-FRIENDLY-MEDICATION		2024-10-01 08:04:02	2024-10-01 15:26:14	671 - Audie L Murphy Memorial Veterans Hospital 671	
VA-WHS-AGE-FRIENDLY-MENTATION-DEPRESSION		2024-10-01 08:04:02	2024-10-01 15:26:14	671 - Audie L Murphy Memorial Veterans	

Figure 66: Voogle Health Factors tab



Non VA Meds Tab

On the **Non VA Meds** tab, Voogle provides the following columns of information for each row:

- **Pharmacy Order Item** – The pharmacy orderable item associated with the drug.
- **Dosage** – The dosage for the medication.
- **Route** – The medication route.
- **Schedule** – The schedule for the medication.
- **Instructions** – The instructions for taking the medication.
- **Names & Class** – The name and dosage of the medication, or a comment such as “NO NON-VA MED USE REPORTED BY PATIENT”.
- **Station** – The station number and station name of the VA Medical Center (VAMC) where the medication was documented. When available, this column also lists the facility number and facility name of the clinic where the medication was documented.
- **Dates** –
 - **Discontinued** – The date that the medication was discontinued.
 - **Start Date** – The date that the medication was started.
 - **Documented Date** – The date that use of the non-VA med was documented in the patient record.

VA



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Figure 67 shows a sample Non VA Meds tab.

Voogle

Choose a Patient Use EDIPI
ZZBUNNY,EASTER - 1010

Build Patient Data Check Build Status

Search Term e.g. diabetes (type at least 3 characters)
DOB: 1910-10-10 Document Count: 2219 Date Range: 2019-09-25 - 2024-10-16
Make Data Current Change Date Range

Procedures 422 Surgeries 1 Appt 865 Services 1235 Problems 48 OutPt Dx 708 Health Factors 5961 Non VA Meds 31 Similar Terms Negation Additional Dr

Non VA Meds

Currently these results include only Vista data.

Pharmacy Order Item ↑↓	Dosage	Route ↑↓	Schedule ↑↓	Instructions ↑↓	Names & Class	Station ↑↓	Dates ↑↓
SENSOR	(SUPPLY ITEM)		EVERY 2 WEEKS		GLUCOSE SENSOR FREESTYLE LIBRE 3	671 - Audie L. Murphy Memorial Veterans Hospital	Discontinued: 2024-06-13 12:06:31 Start Date: 2024-06-13 Documented Date: 2024-06-13 12:05:15
	MOUTH					671 - Audie L. Murphy Memorial Veterans Hospital	Discontinued: 2024-06-13 12:06:31 Start Date: 2024-06-13 Documented Date: 2024-06-13 12:05:15
100MCG	MOUTH		BEFORE MEALS		CYANOCOBALAMIN 100MCG TAB	671 - Audie L. Murphy Memorial Veterans Hospital	Discontinued: 2023-08-22 21:03:25 Start Date: 2023-05-09 Documented Date: 2023-05-09 18:09:44
12.5MG	MOUTH		EVERY DAY		SPIRONOLACTONE 25MG TAB	671 - Audie L. Murphy Memorial Veterans Hospital	Discontinued: 2023-08-22 21:03:25 Start Date: 2023-05-01 Documented Date: 2023-05-01 10:11:54
325MG	MOUTH		EVERY 6 HOURS AS NEEDED		ACETAMINOPHEN 325MG TAB	671 - Audie L. Murphy Memorial Veterans Hospital	Discontinued: 2023-08-22 21:03:25 Start Date: 2023-03-29 Documented Date: 2023-03-29 11:03:23

Figure 67: Voogle Non VA Meds tab



Viewing Similar Terms

Click the **Similar Terms** tab to view lists of terms that are similar to your search term, as shown in Figure 68.

The screenshot shows a navigation bar with tabs: Notes (48), OutPt Rx (2), Consults (41), Problems (1), OutPt Dx (23), InPt Dx (7), **Similar Terms**, Negation, and Additional Details. The **Similar Terms** tab is highlighted. Below the tabs, there are two panels: "Common" and "Less Common", each listing several terms with their counts in blue boxes.

Panel	Term	Count
Common	diabetes mellitus	68
	bipolar type a diabetes mellitus	5
	baseline endocrine assessment diabetes diet pills	4
	type 2 diabetes mellitus	4
	hypertension	3
Less Common	diabetes mellitus chronic alcoholism	2
	hyperlipidemia,type 2 diabetes	2
	500mg.po bid wm stop:08-30-22 diabetes	10
	baseline endocrine assessment diabetes diet	1
	bipolar type diabetes mellitus chronic alcoholism	1
	diabetes diagnosis information	1
	diabetes education pt	1
	diabetes range	1
	hypertension	1
	metformin	1

Figure 68: Voogle Similar Terms tab

The Similar Terms tab provides two panels of terms:

- **Common**—similar terms that occur most frequently in the patient's notes.
- **Less Common** – similar terms that occur less frequently in the patient's notes.

If you click on a term in the **Common Similar Terms** or **Less Common Similar Terms** panel, Voogle searches the patient's notes for that term. Click the **Notes** tab to see the search results for that term.

NOTE: *The number that appears in the blue boxes following the terms represents the number of times the term exists in the set of patient notes, not the number of notes in which the term appears.*



Viewing Negation

Click the **Negation** tab to view the negative phrases (for example, “no shortness of breath” or “no heart murmurs”) that occur in the notes containing the search term, as shown in Figure 69.

Notes 25	OutPt Rx 4	Consults 58	Problems 2	OutPt Dx 15	Health Factors 8	Similar Terms	Negation	Additional Details
Currently these results include only VistA data.								
Title ↑↓	Entry Date ↑↓	Serv Section ↑↓	Station ↑↓	Negatives	Action			
H & P NOTE	2024-05-07 00:20:04	MEDICAL SERVICE	674	<ul style="list-style-type: none">• no known past medical history,• no leukocytosis, UA negative, UDS negative, no abnormalities to CMP• no ST elevation/depression]• No discrepancies were noted.• NO KNOWN ALLERGIES• No changes, renewals, or refills were made to the Veteran's medications during• no meningismus, no JVD, no masses or swelling• no distention, no• no bladder distention, no flank pain, no foley• no cyanosis, no edema• no motor deficits, diminished• No data available No data available No data available No data available• No data available• no ST elevation/depression• not a candidate for TNK/intervention	(eye icon)			

Figure 69: Voogle Negation tab

Voogle displays the following information for each note in the Negation tab:

- **Title** – the title of the note that included the search term.
- **Entry Date** – the date the note was recorded in VistA.
- **Serv Section** – the medical service that originated the note.
- **Station** - the VA medical center where the note was recorded.
- **Negatives** – All negative phrases contained within the note.
- **Actions** – provides a clickable eye icon (eye icon) that allows you to view the full note text (eye icon). For details, see [Viewing the Entire Note Text](#).



Using the Additional Details Tab

Click the **Additional Details** tab to view a set of buttons, shown in Figure 70, that you can then click to display additional details and visualizations pertaining to the search results and notes.



Figure 70: Voogle Additional Details tab

Viewing a Term Cloud

Click the **Term Cloud** button to display a word cloud depicting the most common terms in the patient data, as shown in Figure 71. The larger and darker the text, the more times that term occurs in the patient data.

NOTE: The term cloud is not specific to the search term.

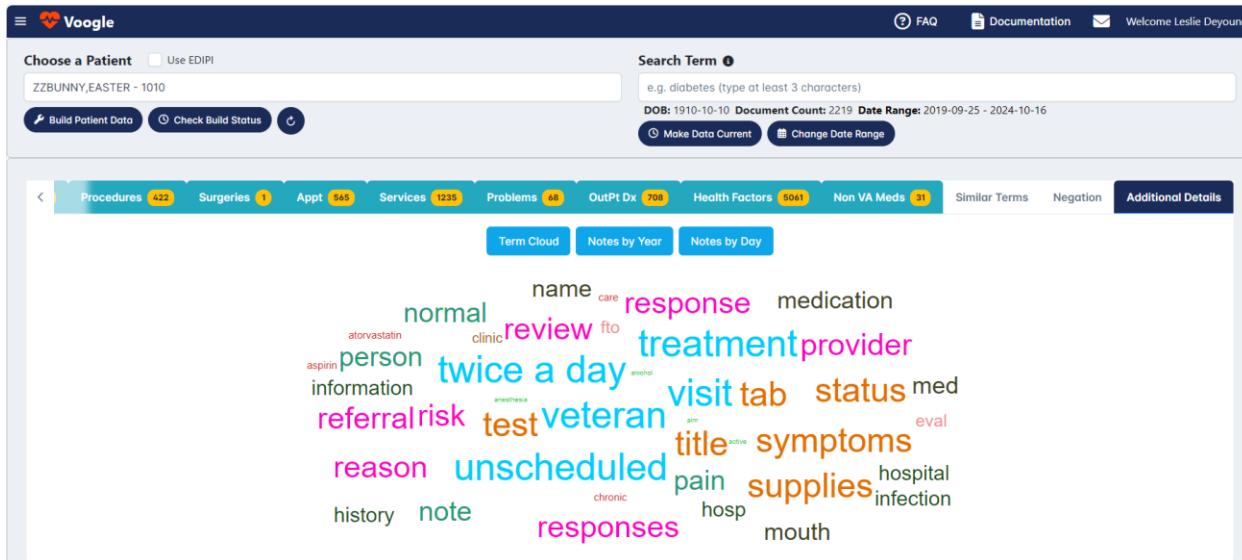


Figure 71: Viewing a term cloud of the most common terms in the patient data



Viewing the Frequency of the Search Term by Year

Click the **Frequency by Year** button to display the number of times the search term occurs in the patient dataset for each year of the specified date range, as shown in Figure 72. Hover over a point on the line to view the frequency for a specific year.

NOTE: *The Frequency by Year button does not appear unless you enter a term in the Search Term box.*

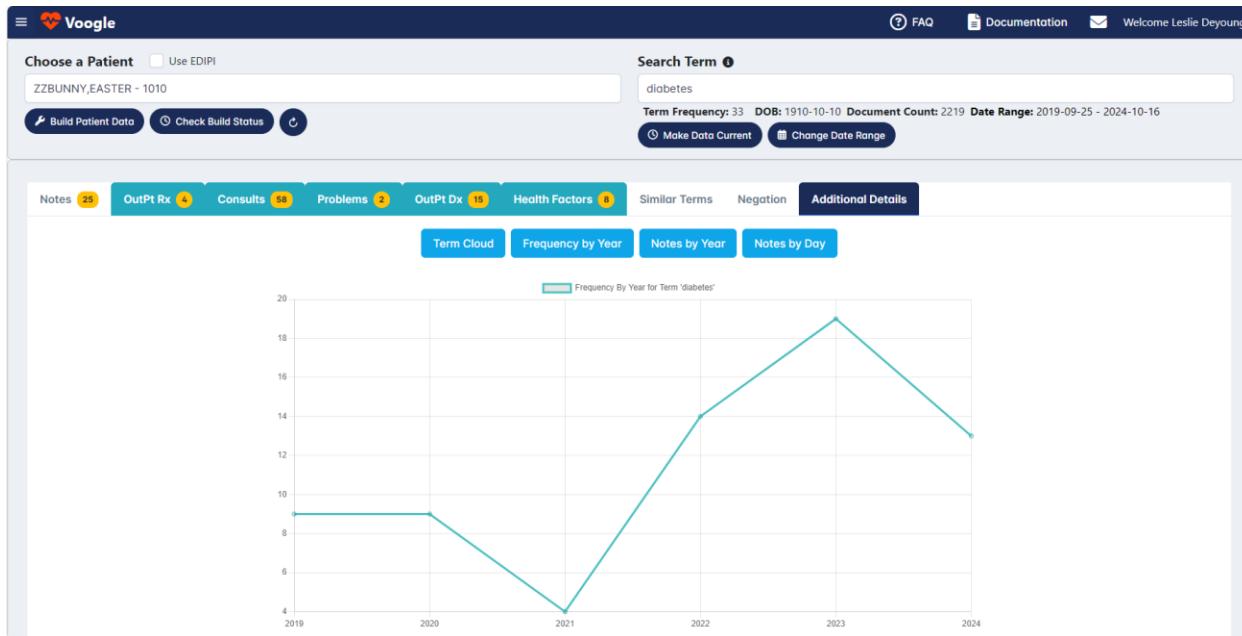


Figure 72: Viewing the frequency of the search term in the patient data by year



Viewing the Number of Notes by Year

Click the **Notes by Year** button to display a line graph depicting the number of notes in the patient dataset for each year of the selected date range, as shown in Figure 73. Hover over a point on the line to view the number of notes for a specific year.

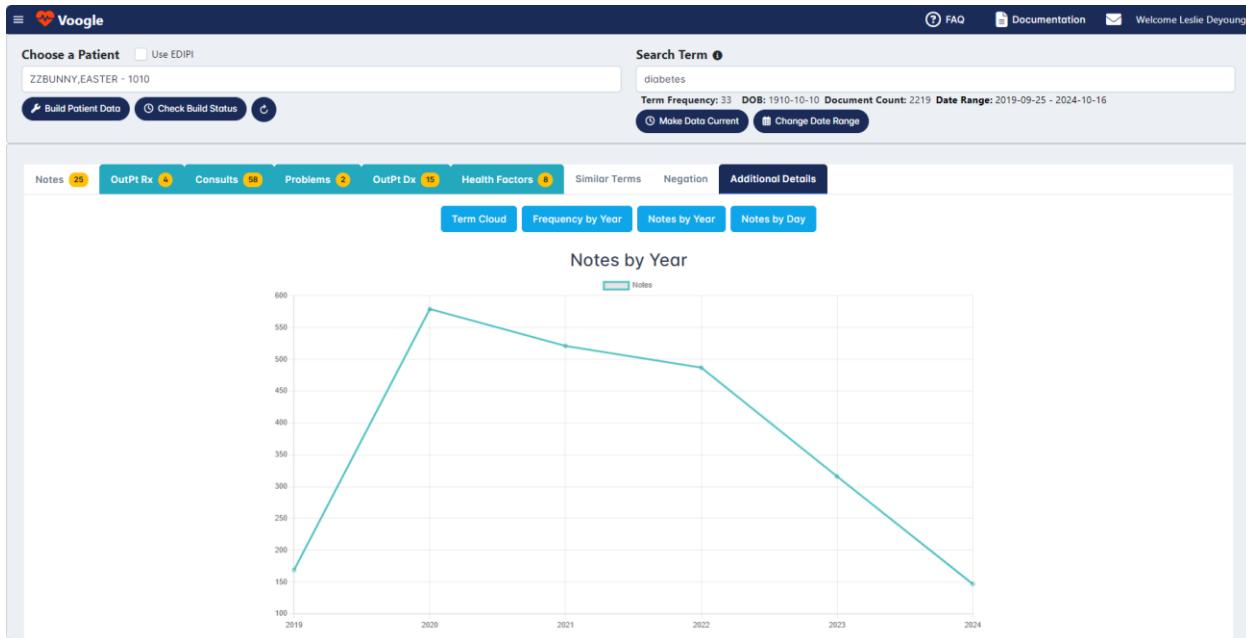


Figure 73: Viewing the number of notes in the patient data by year



Viewing the Number of Notes by Day

Click the **Notes by Day** button to display a calendar graphic depicting the number of notes in the patient dataset for each day of the selected date range, as shown in Figure 74. Calendar squares corresponding to days on which notes were recorded for this patient are shaded; the darker the shading, the more notes were recorded on that day.

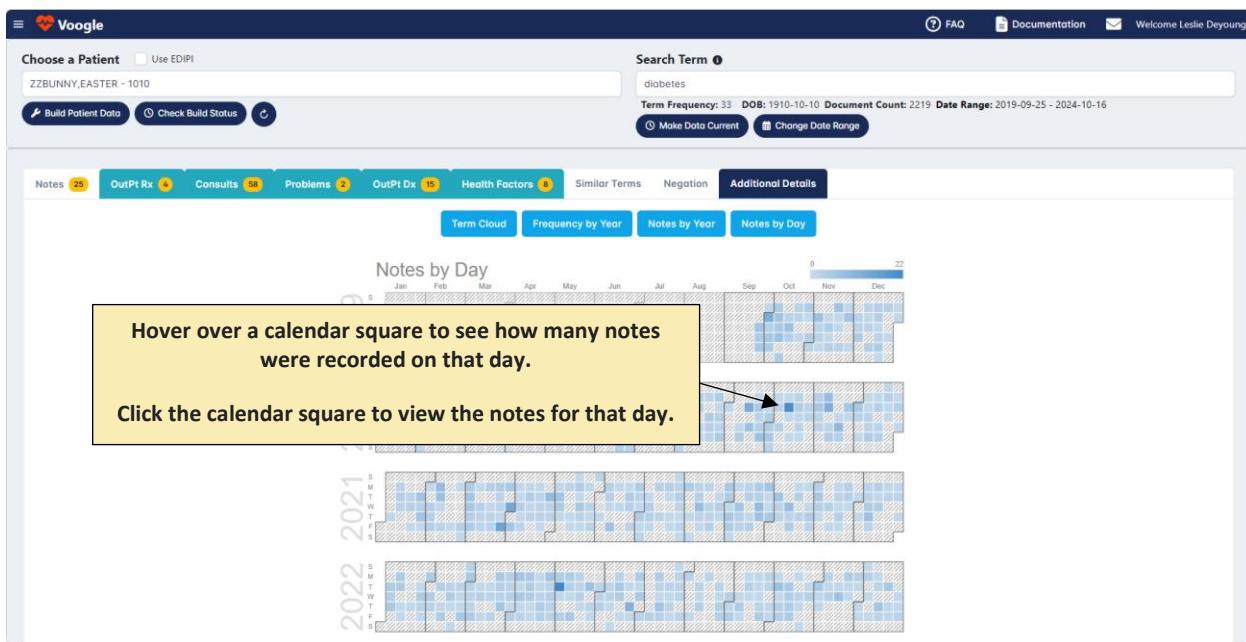


Figure 74: Viewing the number of notes in the patient dataset by day



Hover over a calendar square to view the number of notes for that day and click the calendar square to display the Notes By Day window, a table of the patient's notes for that day, as shown in Figure 75. As with the Search Results tab on the Voogle home page, you can click the eye icon (👁️) to view the full note. You can also enter a search term in the Search box (above the table of notes on the right) to filter the list to include only notes that contain that search term.

The screenshot shows the Voogle interface with the title "Choose a Patient" and "ZZBUNNY". The "Notes" tab is selected. A search bar at the top right contains the text "Search Term". Below it, a table titled "Notes By Day: 2020-10-13" lists patient notes. The table has columns for Title, Entry Date, Service Section, Station, Note, and Actions. Each note row includes a small eye icon to view the full note. The notes listed are:

Title	Entry Date	Service Section	Station	Note	Actions
ADMINISTRATIVE NOTE	2020-10-13 09:47:23	SOCIAL WORK SERVICE	671 - Audie L Murphy Memorial Veterans Hospital	Service Member's Name: ZZBUNNY.EASTER Date of Admission: Oct 13,2020 SSN: 209-10-1010P DOB: OCT 10,1910 Address: 14 WEST 14TH ST GILLETTE, WY 82716 (Please verify that ...)	
ADMINISTRATIVE NOTE	2020-10-13 13:04:59	OFFICE OF THE COSIPAS	671 - Audie L Murphy Memorial Veterans Hospital	CLINIC CANCELLATIONS Able to contact patient: Successful rescheduling of cancelled appointment: Oct 21,2020@10:20 Staff Name: RANDOL,NICHOLAS A Title: AMSA Sta3n: 671 Note Title: ADMINIS...	
ADMINISTRATIVE NOTE	2020-10-13 13:05:25	PHYSICAL MEDICINE & REHAB	671 - Audie L Murphy Memorial Veterans Hospital	CLINIC CANCELLATIONS Unable to contact patient: NON-MENTAL HEALTH APPOINTMENT Unsuccessful attempt to schedule Veteran: Left voicemail Unable to Contact Letter sent to Veteran; E...	
AUDIOLOGY ADMINISTRATIVE NOTE	2020-10-13 13:16:33	PHYSICAL MEDICINE & REHAB	671 - Audie L Murphy Memorial Veterans Hospital	Audiology Admin Note 1. Within the last 7 days, have you encountered or suffered a SUDDEN significant loss of hearing in one or both ears? No. 2. Do you have new or worsening pain or drainage...	
ADMINISTRATIVE NOTE	2020-10-13 13:28:57	OFFICE OF THE COSIPAS	671 - Audie L Murphy Memorial Veterans Hospital	a. Has patient seen a PC Dentist within the last 2 years? Yes b. Has the patient had a Dental Hygiene appointment within the last 12 months? Yes Offer patient an oppoin...	
NUTRITION ADMINISTRATIVE NOTE	2020-10-13 13:31:48	PHYSICAL MEDICINE & REHAB	671 - Audie L Murphy Memorial Veterans Hospital	1. Is there a future appointment or RTC order pending? No 2. Interested in losing weight/move Program give Veteran Number 210-616-8374/210-616-8372 or extension 210-617-5300 EXT 15728 ...	
AUDIOLOGY ADMINISTRATIVE NOTE	2020-10-13 13:35:16	OFFICE OF THE COSIPAS	671 - Audie L Murphy Memorial Veterans Hospital	Audiology Admin Note 1. Within the last 7 days, have you encountered or suffered a SUDDEN significant loss of hearing in one or both ears? Yes. 2. Do you have new or worsening pain or drainag...	

A "Close" button is located at the bottom right of the window.

Figure 75: Viewing the notes for a particular day



Viewing Patient Demographics

To view patient demographics, type show demographics in the **Search Term** field and press Enter to open the Patient Demographics popup, shown in Figure 76.

Patient Demographics

Patient Information:

Address	Gender: M
ZZBUNNY,EASTER	DOB: 1910-10-10
123 MICKEY MOUSE AVENUE	Period Of Service: OTHER NON-VETERANS
UNITED STATES	
STREET ADDRESS [LINE 1]: 1	
SAN ANTONIO, TEXAS 78253	

Next of Kin Information:

Address	Relation To Patient: WIFE
BUNNY,ZULY	Phone: (210)454-2561
811 W 6TH ST	Work Phone:
JUNCTION CITY, KANSAS 66441	

Secondary Next of Kin Information:

Address	Relation To Patient: Son
SMITH,JOE	Phone: (785)847-0847
2929 HABOR STREET	Work Phone: (785)463-7573
JUNCTION CITY, KANSAS 66441	

Close

Figure 76: Voogle Patient Demographics popup



Manually Initiating Patient Data Retrieval

Voogle runs a nightly process to automatically retrieve data for patients who have appointments the next day at select VAMCs, with a default date range of three years. In addition, if data has not been retrieved for a patient whose ICN, SSN, or EDIPI you enter in the **Choose a Patient** field, Voogle automatically retrieves data for that patient going back three years from today's date.

You can also initiate the patient data retrieval process manually and specify a non-default date range for the data if desired. To do this, follow these steps.

1. Click the **Build Patient Data** button to open the Build Patient Data dialog, shown in Figure 77.

The dialog box is titled "Build Patient Data". It contains two radio buttons: "Use ICN" (selected) and "Use EDIPI". Below them is a text input field labeled "Patient SSN/ICN (comma delimited)". A section titled "Pick a predetermined date range or enter a custom date range." includes five radio buttons for date ranges: "6 Months", "1 Year", "3 Years" (selected), "5 Years", and "Custom". Underneath are "Start Date" and "End Date" fields, each with a date input (2021-08-07 and 2024-08-07) and a calendar icon. At the bottom right is a blue "Build Data" button.

Figure 77: Build Patient Data Dialog

2. Click the appropriate side of the selector button to specify whether you want to **Use ICN** or **Use EDIPI** to identify the patient. If you want to identify the patient by SSN, you can select either option.
3. Enter the ICN, EDIPI, or SSN for the patient whose data you want to retrieve. If you want to retrieve data for more than one patient, separate the identifiers with commas, with NO spaces.

NOTE: *If you are gathering data with a new date range, Voogle automatically populates the patient identifier based on your selection in the Choose a Patient field on Voogle home page.*



4. Select the corresponding radio button to specify a preset date range (**6 Months**, **1 Year**, **3 Years**, or **5 Years**). Vooggle automatically populates the **Start Date** and **End Date** fields based on your selection.

OR

Select the **Custom** radio button and enter (or use the calendar tool to select) a custom **Start Date** and **End Date** for the patient data. The default **Start Date** is three years prior to the current date. The default **End Date** is the current date.

5. Click **Build Data**.

The Data Build Status dialog appears and displays the following information, as shown in Figure 78.

- **Data Start Date:** The start of the date range for the patient data.
- **Data End Date:** The end of the date range for the patient data.

The following information for **Notes** and for **Structured Data**

- **Data Build Started At:** The date and time that the data build started.
- **Data Build Completed At:** The date and time that the data build completed.
- **Status:** If the data build is complete, this field displays the status of the data build, including how long the dataset took to build and (for Notes) the number of notes (sources). If the data build is still in progress, this fields displays Building...

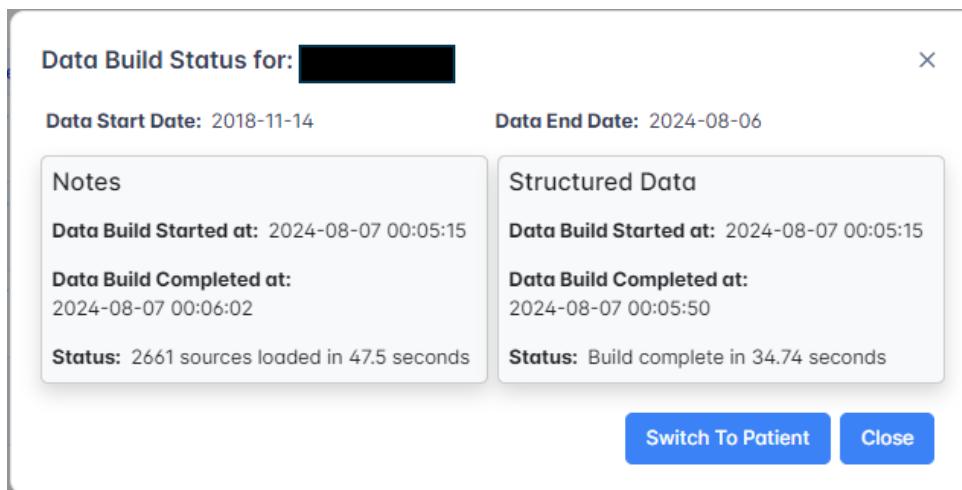


Figure 78: Data Build Status Dialog



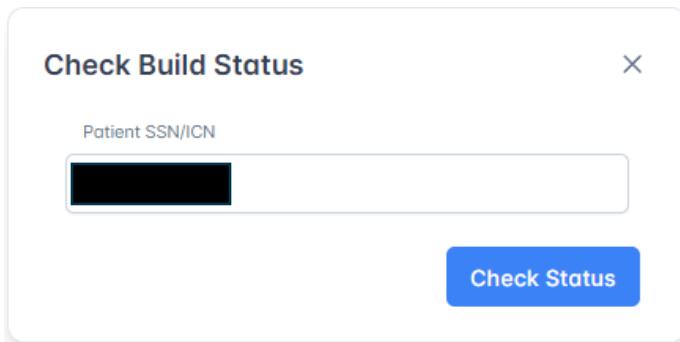
The data retrieval may take up to a few minutes, depending on the size of the dataset and the current load on the Voogle servers. Requests are entered in a queue and are processed sequentially. You can check the status of the build as described below under [Checking the Status of Manually Initiated Patient Data Retrieval](#).

6. Click **Switch to Patient** to dismiss the Data Build Status dialog and return to the Voogle home page, where the data for that patient is now displayed and available to search.

Checking the Status of Manually Initiated Patient Data Retrieval

To check the status of patient data retrieval:

1. Click **Build Status** to open the Check Build Status dialog, shown in Figure 79:



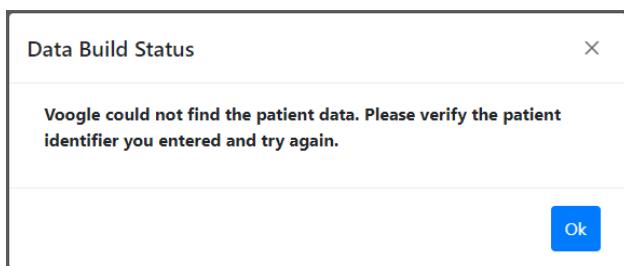
A screenshot of a modal dialog titled "Check Build Status". It contains a text input field labeled "Patient SSN/ICN" with a blacked-out placeholder value. Below the input field is a blue "Check Status" button. In the top right corner of the dialog is a close button (an "X").

Figure 79: Check Build Status Dialog

2. If necessary, enter the Patient SSN/ICN.

NOTE: Voogle automatically populates the Patient SSN/ICN field with the identifier last entered in the Build Patient Data dialog.

If Voogle cannot find a patient corresponding to the identifier you entered, the Data Build Status dialog displays an error message like the one shown in Figure 80.



A screenshot of a modal dialog titled "Data Build Status". It contains a message: "Voogle could not find the patient data. Please verify the patient identifier you entered and try again." At the bottom right of the dialog is a blue "Ok" button. In the top right corner is a close button (an "X").

Figure 80: Data Build Status Error Message (patient data not found)



3. Click **Check Status** to display the Data Build Status dialog (shown above in Figure 80).
4. When the Status indicates that the patient data retrieval is complete, Click **Switch to Patient** to dismiss the Data Build Status dialog and return to the Vooggle home page, where the data for that patient is now displayed and available to search.

Configuring User Settings

Beginning with Vooggle version 1.7.2, you can customize which tests appear on the [Lab Trends Subtab](#). In future releases, Vooggle will support other display customizations. To configure the Lab Trends subtab display, follow these steps:

1. Open the user account menu, shown in Figure 81, by clicking your name in the upper right corner of the Vooggle page.

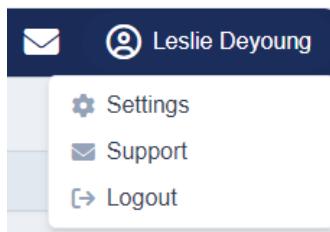


Figure 81: Vooggle user account Menu

2. Select **Settings** to open the User Settings page. As shown in Figure 82, all tests are in the **Chem Lab Trends** panel are selected by default.

Test	Status
Alanine Aminotransferase	Selected
Aspartate Aminotransferase	Selected
C-Reactive Protein	Selected
Creatinine	Selected
Erythrocyte Sedimentation Rate	Selected
Hemoglobin	Selected
Hemoglobin A1C	Selected
Low Density Lipoproteins	Selected
Platelet	Selected
Point of Care Glucose	Selected
Prothrombin Time/Internal Normalized Ratio	Selected
White Blood Count	Selected

Figure 82: Vooggle User Settings Page



3. In the **Chem Lab Trends** panel, de-select the tests you don't want to see, as shown in Figure 83, then click **Save Changes** to save your settings. A confirmation dialog pops up to indicate that the new settings were saved successfully. When you navigate to the Lab Trends subtab, only the tests you selected will be displayed.

The screenshot shows a user interface titled "User Settings". Under the heading "Chem Lab Trends", there is a list of medical tests each accompanied by a toggle switch. The tests and their current status are:

Test	Status
Alanine Aminotransferase	Off
Aspartate Aminotransferase	Off
C-Reactive Protein	On
Creatinine	On
Erythrocyte Sedimentation Rate	Off
Hemoglobin	On
Hemoglobin A1C	On
Low Density Lipoproteins	On
Platelet	Off
Point of Care Glucose	On
Prothrombin Time/Internal Normalized Ratio	Off
White Blood Count	On

At the bottom of the panel is a blue button labeled "✓ Save Changes".

Figure 83: Choosing tests to display in the Lab Trends subtab



Performing Additional Functions

To access a menu of additional functions (shown in Figure 84), click the hamburger (three horizontal bars) icon in the upper left corner of the Voogle screen.

NOTE: *To return to the standard patient search display from any of the additional function displays, select Patient Search from the menu.*

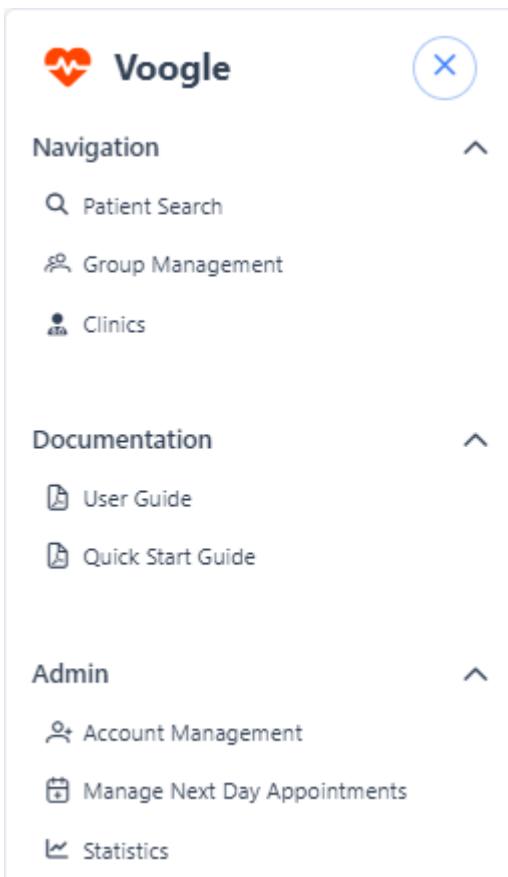


Figure 84: Voogle additional functions menu

Many of the features on the additional functions menu are available only to Voogle users with admin privileges. If you do not see all the menu options shown in Figure 84, the missing options are restricted for admin use only and are not available to you.



Working with Groups (Cohorts)

Voogle's group management function allows you to build a dataset for a cohort of patients rather than an individual patient, save that dataset under a group name, and perform searches on the group.

NOTE: For groups, Voogle retrieves TIU notes only; it does not retrieve structured data domains such as vitals, labs, allergies, and medications.

Creating a New Group

To create a group, follow these steps:

1. From the additional functions menu (hamburger icon), select **Group Management** (see Figure 85) to open the Group Management window, shown in Figure 86.



Figure 85: Select Group Management from the additional functions (hamburger icon) menu

Group Name	Document Count	Dates	Actions
TestGroup	1686	Start Date: 2021-08-07 End Date: 2024-08-07 Created Date: 2024-08-06 07:59:51	

Figure 86: Voogle Group Management menu



2. Click **Add New Group** to open the New Group window, shown in Figure 87.

The screenshot shows the 'New Group' interface. At the top, there's a header bar with the Vooggle logo. Below it, the 'New Group' section has four input fields: 'Group Name' (empty), 'Start Date' (2022-01-28), 'End Date' (2025-01-28), and 'Patient Name/ICN' (empty). Below these fields are two buttons: 'View Group List' and 'Import List'.

Figure 87: Vooggle New Group window

3. In the required **Group Name** field, enter the name you would like to assign to the group. The **Import List** button now appears, as shown in Figure 88.

The screenshot shows the 'New Group' interface after entering 'TestGroup4' in the 'Group Name' field. The 'Import List' button is now visible below the 'View Group List' button.

Figure 88: Import List button appears after you enter a Group Name

4. A date range (for the data that will be retrieved) of three years prior to today's date is configured by default. If you wish to change the date range, enter the desired **Start Date** and **End Date** (or use the calendar tools to select these dates).
5. Create the group by either [Importing a list of patient identifiers](#)(up to 1000) or by [Adding patient identifiers one by one](#).



Importing a list of patient identifiers

- a. Click **Import List** to open the Import dialog, shown in Figure 89.
- b. The **ICN** radio button is selected by default. With the **ICN** radio button selected, you can import a list of either SSNs or ICNs. If you want to import a list of EDIPIs, select the **EDIPI** radio button. With the **EDIPI** radio button selected, you can import a list of either EDIPIs or SSNs.
- c. Copy your list of patient identifiers (maximum 1000) and paste it into the Import dialog. The list can be a list of identifiers separated by commas or a list copied from an Excel spreadsheet or other source in which the identifiers are separated by new lines, tabs, or white spaces. As shown in Figure 89, Voogle accepts a list that is delimited by a mix of commas, tabs, white space, and new lines.

The screenshot shows a modal dialog titled "Import". At the top left is a radio button labeled "ICN" which is selected, and another radio button labeled "EDIPI". Below the radio buttons is a text input field containing the following text:

```
1011481228 1012335559
1034698691, 1011525934
1015968434 1011839679
1015536342
1016765405
1011564995
1011551395
```

At the bottom right of the dialog is a blue "Submit" button.

Figure 89: Voogle Group Management Import dialog with list of patients pasted in

IMPORTANT: When importing a list of ICNs or EDIPIs, make sure that the correct radio button (**ICN** or **EDIPI**) is selected before you click **Submit**. The format of ICNs and EDIPIs is undistinguishable, so if you import a list of EDIPIs with the **ICN** radio button selected, you could inadvertently include patients whose ICNs are the same as the EDIPIs of patients in your list, thereby including the wrong patients in your group. You can import SSNs with either the **ICN** or the **EDIPI** radio button selected.



- d. Click **Submit**. A confirmation dialog appears, asking you to confirm that you want to import a list of ICNs or SSNs, as shown in Figure 90, or a list of EDIPIs or SSNs, as shown in Figure 91.

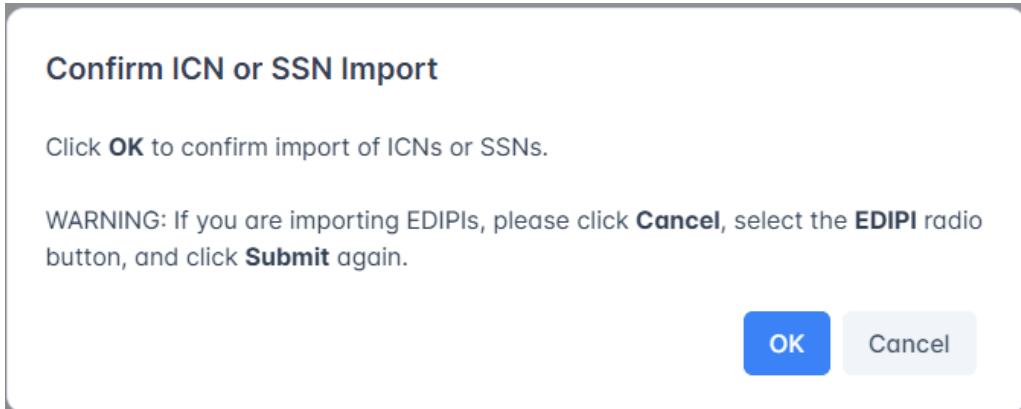


Figure 90: Confirmation dialog when ICN radio button is selected in the Import dialog

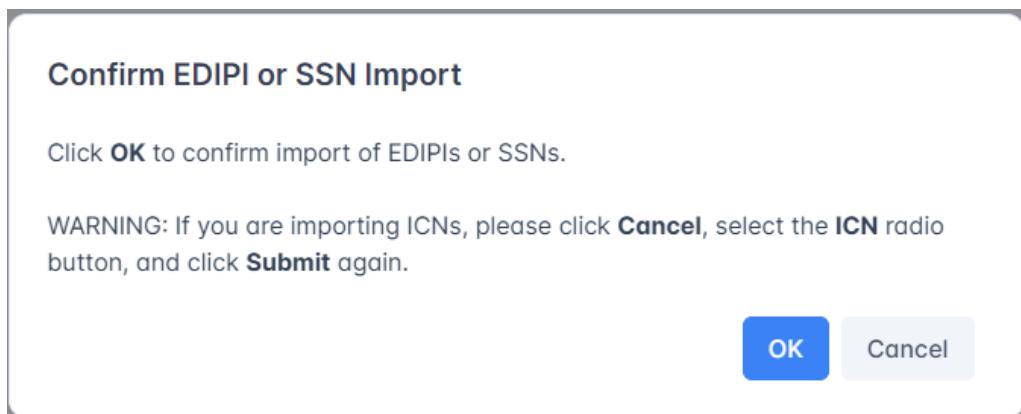


Figure 91: Confirmation dialog when EDIPI radio button is selected in the Import dialog



- e. Click **OK** to confirm. Voogle populates the Import dialog with the names and ICNs of the patients corresponding to the list of SSNs, ICNS, or EDIPIs that you imported, as shown in Figure 92, automatically removing duplicates.
- To remove a patient from the group, click the trash can icon (☒) in the **Action** column of the row corresponding to that patient.
 - To sort the list by **Name** or **ICN**, click the column heading of the column by which you want to sort.
 - To search for a patient (by **Name** or **ICN**) use the Secondary Search field in the upper right above the patient list.

The screenshot shows the 'New Group' screen in the Voogle application. At the top, there are input fields for 'Group Name' (TestGroup5), 'Start Date' (2022-01-28), and 'End Date' (2025-01-28). A 'Patient Name/ICN' search bar is also present. Below these are three buttons: 'Build Group', 'View Group List', and 'Import List'. The main area displays a table of imported patients with columns for 'Name', 'ICN', and 'Action'. The 'Name' column is sorted in ascending order. The table contains 10 entries, each with a unique name and a corresponding ICN and a delete icon. At the bottom, a pagination control shows 'Showing 1 to 10 of 10 entries' and a page number '1'.

Name ↑↓	ICN ↑↓	Action
ZZMOUSE,MICKEY TEST PAT	1011481228	☒
ZZABCDE,FGHI	1012335559	☒
ZZVADER,DARTH	1034698691	☒
ZZTESTPATIENT,SUPER MAN	1011525934	☒
ZZTEST,SLEEPY	1015968434	☒
ZZTEST,SIX	1011839679	☒
ZZTEST,PATIENT O	1015536342	☒
ZZTEST,PATIENT	1016765405	☒
ZZTEST,NINE	1011564995	☒
ZZTEST,FBOP	1011551395	☒

Figure 92: List of patients imported into Voogle Group Management Import dialog



If there are issues with any of the entries in your list, Vooggle displays an Invalid Identifiers error dialog.

For example, if you imported the list shown in Figure 93 (with an inadvertent space in the middle of ICN 1011564995) Vooggle would display an error dialog similar to the one shown in Figure 93. To correct this, dismiss the error dialog, then add the correct identifier(s) manually (as described under [Editing an Existing Group](#)) or delete the group, correct the import list, and re-import the list.

The screenshot shows the 'Import' dialog box. At the top, there are two radio buttons: 'ICN' (which is selected) and 'EDIPI'. Below them is a text input field with the placeholder 'Please insert a comma/newline delimited list of SSN/ICN.' Inside the input field, there is a list of nine numbers separated by newlines. The number '1011 564995' is highlighted with a yellow background, while all other numbers are white. At the bottom right of the dialog is a blue 'Submit' button.

Figure 93: Imported list with data entry error highlighted

ZZTEST,SIX	1011839679	
ZZTEST,PATIENT O	1015536342	
ZZTEST,PATIENT	1016765405	
ZZTEST,FBOP	1011551395	

Figure 94: Error dialog alerts you of data entry errors in imported list

- f. Proceed to step 6.



Adding patient identifiers one by one

- In the **Patient Name/ICN** field start to enter the last name or ICN of the first patient in your cohort. Like the **Choose a Patient** field on the main screen, the field auto-populates with a list of patients that match your entry, as shown in Figure 95.

The screenshot shows the 'New Group' interface. On the right, there is a search input field labeled 'Patient Name/ICN' containing 'zzb'. A dropdown menu is open, showing a list of patients: 'ZZBUNNY,EASTER - 1010'. Below the search field are two buttons: 'View Group List' and 'Import List'.

Figure 95: Selecting a patient to add to a Voogle group

- Select the desired patient to add that patient to the group.

As you add patients, a table populates with the **Name** and **ICN** of each patient in the group, as shown in Figure 96. Voogle automatically removes duplicates.

The screenshot shows the 'New Group' interface with a table of patients. The columns are 'Name ↑↓', 'ICN ↑↓', and 'Action'. The table contains the following data:

Name ↑↓	ICN ↑↓	Action
ZZZMOUSE,MICKEY TEST PAT	1011481228	Delete
ZZZABCDE,FGHI	1012335559	Delete
ZZVADER,DARTH	1034698691	Delete
ZZTESTPATIENT,SUPER MAN	1011525934	Delete
ZZTEST,SLEEPY	1015968434	Delete
ZZTEST,SIX	1011839679	Delete
ZZTEST,PATIENT O	1015536342	Delete
ZZTEST,PATIENT	1016765405	Delete
ZZTEST,NINE	1011564995	Delete
ZZTEST,FBOP	1011551395	Delete

At the bottom, it says 'Showing 1 to 10 of 14 entries' with navigation buttons and a page size selector '10'.

Figure 96: Voogle New Group window with patients added to group



- c. Continue adding patients until your group is complete.
 - To remove a patient from the group, click the trash can icon (☒) in the **Actions** column of the row corresponding to that patient.
 - To sort the list by **Name** or **ICN**, click the column heading of the column by which you want to sort.
 - To search for a patient (by **Name** or **ICN**) use the Secondary Search field in the upper right above the patient list.
 - d. Proceed to step 6.
6. Click **Build Group**. Vooggle begins retrieving data for all the patients in the group, and the Data Build Status window appears, dynamically displaying the data retrieval status (see Figure 97).

NOTE: *If you do not click Build Group after populating a new group (either manually or by importing a list of identifiers), then the group will not be saved when you leave the New Group window.*

The screenshot shows the 'Data Build Status for: TestGroup4 Group' window. On the left, there are three buttons: 'Build Group' (disabled), 'View Group List', and 'Import List'. The 'Build Group' button is highlighted with a blue border. In the center, it displays 'Data Start Date: 2022-01-28' and 'Data End Date: 2025-01-28'. Below this, under 'Notes', it shows 'Data Build Started at: 2025-01-28 21:31:36', 'Data Build Completed at:', and 'Status: Gathering data for patient 1 of 14' with a circular progress icon.

Figure 97: Data Build Status window appears after you click Build Group



Once the data retrieval is complete, the **Status:** field in the Data Build Status window lists *Build Complete* and the **Query Group Data** button appears on the left of the window (see Figure 98).

The screenshot shows the 'Data Build Status for: TestGroup4 Group' window. It includes fields for Group Name (TestGroup4), Start Date (2022-01-28), End Date (2025-01-28), and Patient Name/ICN. Buttons for 'Build Group', 'View Group List', 'Query Group Data', and 'Import List' are visible. The 'Notes' section contains log entries for the build start and completion times. The 'Status' field at the bottom is highlighted in yellow and displays the message 'Build Complete'.

Figure 98: Data Build Status window showing Build Complete

7. Click Query Group Data to open the Voogle group search window, shown in Figure 99. You can now enter and select a Search Term and click Search to search the aggregated data for all patients in the group. For details, see [Searching a Group](#).

The screenshot shows the 'Group Search - TestGroup4' window. It displays 'Group Information' with 'Document Count: 1157' and 'Date Range: 2022-01-30 - 2025-01-30'. A search interface includes a 'Search Term' input field with placeholder text 'e.g. diabetes (accepts multiple entries)', a checkbox for 'Include Similar Term Results', and a 'Search' button.

Figure 99: Voogle Group Search window



Searching a Group

To search the notes for all patients in a group, follow these steps:

1. From the additional functions menu (hamburger icon), select **Group Management** to open the Group Management window. If you are already in the group management section of the Voogle user interface, click **View Group List**. As shown in Figure 100, the Group Management window lists all the currently defined Groups.

The screenshot shows the 'Group Management' page of the Voogle application. At the top, there is a header bar with the Voogle logo, a search bar, and links for FAQ, Documentation, and Welcome Leslie. Below the header is a title 'Group Management' with a 'Group Name' filter and a 'Secondary Search' button. A large table lists seven groups, each with a name, document count, dates, and actions (Edit, Details, Delete). The groups listed are TestGroup1 through TestGroup7, each with a unique document count and creation date.

Group Name ↑	Document Count ↑↓	Dates	Actions
TestGroup1	1796	Start Date: 2021-08-07 End Date: 2025-01-28 Created Date: 2024-08-06 07:59:51	
TestGroup2	54513	Start Date: 2022-01-09 End Date: 2025-01-09 Created Date: 2025-01-09 00:17:40	
TestGroup3	54542	Start Date: 2022-01-09 End Date: 2025-01-09 Created Date: 2025-01-09 00:19:04	
TestGroup4	1157	Start Date: 2022-01-30 End Date: 2025-01-30 Created Date: 2025-01-28 15:36:42	
TestGroup5	1157	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-28 20:59:44	
TestGroup6	336	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-29 13:00:00	
TestGroup7	1157	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-29 17:34:25	

Showing 1 to 7 of 7 entries << < 1 > >>

Figure 100: Voogle Group Management window with existing groups



2. Click the Query Group Data icon (⌚) in the row corresponding to the group you want to search to open the Group Search window, shown in Figure 101. This window lists the group name (in this case TestGroup4) and group information including **Document Count** (the number of notes retrieved for all patients in the group) and **Date Range** (the date range for the notes).

The screenshot shows the Voogle Group Search interface. At the top, there's a header bar with the Voogle logo, a menu icon, and links for FAQ, Documentation, and a user profile. Below the header, the title 'Group Search - TestGroup4' is displayed. On the left, 'Group Information' shows a Document Count of 1157 and a Date Range from 2022-01-30 to 2025-01-30. To the right, there's a 'Search Term' input field with placeholder text 'e.g. diabetes (accepts multiple entries)' and a 'Search' button. A checkbox labeled 'Include Similar Term Results' is also present.

Figure 101: Voogle Group Search window

3. As when you search an individual patient's data, after you enter at least three characters in the **Search Term** field, an autofill drop-down populates with concepts that match your entry as shown in Figure 102.

NOTE: *The number in the orange oval is a weighted score corresponding to the frequency with which the term occurs in all notes for this cohort of patients (the larger the number, the more times the term occurs). The number does NOT represent the number of notes in which the term occurs.*

This screenshot shows the same Voogle Group Search interface as Figure 101, but with the search term 'diab' entered in the input field. An autofill dropdown has appeared, listing four suggestions: 'diabetes mellitus type 2' (with a weight of 18), 'diabetes' (with a weight of 17), 'diabetic retinopathy' (with a weight of 13), and 'diabetic' (with a weight of 8). Each suggestion is preceded by a small orange oval containing its weight value.

Figure 102: Entering a search term in the Voogle Group Search window



4. Select the desired term from the **Search Term** box, as shown in Figure 103. If you select the **Include Similar Terms** checkbox, Vooggle will also return notes that contain terms that are similar to the term you select.

The screenshot shows the Vooggle Group Search interface. At the top, there's a navigation bar with icons for FAQ, Documentation, and a welcome message for 'Leslie Deyoung'. Below the header, the title 'Group Search - TestGroup4' is displayed. On the left, 'Group Information' shows a 'Document Count: 1157' and a 'Date Range: 2022-01-30 - 2025-01-30'. To the right, there's a search bar with the query 'diabetes mellitus type 2 { 18}' and a checkbox for 'Include Similar Term Results'. A blue 'Search' button is located to the right of the search bar.

Figure 103: Vooggle Group Search window with search term selected.

5. Click **Search** to display the search results, as shown in Figure 104. As on the individual patient search interface, you can click the eye icon (👁️) to display the entire clinical note in a pop-up window, with the search term highlighted, and you can perform a secondary search on the search results by entering the secondary search term in the **Secondary Search** field on the right above the search results.

The screenshot shows the search results for the query 'diabetes mellitus type 2'. At the top, it says 'Currently these results include only VistA data.' Below is a table with columns: Patient Name, Title, Entry Date, Serv Section, Station, Note, and Actions. There are 11 entries listed, each with a small eye icon next to the note content. The notes describe various medical conditions and treatments. A 'Secondary Search' input field is visible at the top right of the results area.

Patient Name	Title	Entry Date	Serv Section	Station	Note	Actions
ZZVADER,DARTH	NONVA MEDICATION MGT NOTE - ADDENDUM	2025-01-21 14:05:10	HEALTH INFORMATICS	671 - South Texas HCS	...Carpal tunnel syndrome 33. Chronic kidney disease stage 5 on dialysis 34. Diabetes Mellitus Type 2 (SCT 44054006) 35. Breath smells unpleasant 36. Counseling about firearm safety not done 37. Arth...	
ZZVADER,DARTH	DERMATOLOGY NOTE	2025-01-09 10:44:05	HEALTH INFORMATICS	671 - South Texas HCS	...Carpal tunnel syndrome 33. Chronic kidney disease stage 5 on dialysis 34. Diabetes Mellitus Type 2 (SCT 44054006) 35. Breath smells unpleasant 36. Counseling about firearm safety not done 37. Arth...	
ZZVADER,DARTH	GERIATRIC MEDICINE H & P NOTE	2023-09-19 11:09:22	EXTENDED CARE/GERIATRICS LINE	671 - South Texas HCS	... pollution, occupational 22. Acute Stress Disorder (SCT 67195008) 23. Diabetes Mellitus Type 2 (SCT 44054006) 24. Breath smells unpleasant 25. Counseling about firearm safety not done 26...	
ZZVADER,DARTH	PHYSICAL THERAPY NOTE	2023-09-06 10:50:21	HEALTH INFORMATICS	671 - South Texas HCS	...ntal pollution, occupational 21. Acute Stress Disorder (SCT 67195008) 22. Diabetes Mellitus Type 2 (SCT 44054006) 23. Breath smells unpleasant 24. Counseling about firearm safety not done 25. Arth...	
ZZVADER,DARTH	PALLIATIVE CARE NURSING NOTE	2023-06-13 12:04:02	EXTENDED CARE/GERIATRICS LINE	671 - South Texas HCS	...ntal pollution, occupational 17. Acute Stress Disorder (SCT 67195008) 18. Diabetes Mellitus Type 2 (SCT 44054006) 19. Breath smells unpleasant 20. Counseling about firearm safety not done 21. Arth...	
ZZVADER,DARTH	CARDIOLOGY CONSULT	2022-07-01	ACOS FOR EDUCATION	671 - South Texas HCS	...ntal pollution, occupational 3. Acute Stress Disorder	

Figure 104: Vooggle Group Search window results



NOTE: To return to the Group Management window or the individual patient search window, select Group Management or Patient Search respectively from hamburger menu in the upper left corner of the Vooggle page.

Editing an Existing Group

To edit an existing group, follow these steps:

1. From the additional functions menu (hamburger icon), select **Group Management** to open the Group Management window. If you are already in the group management section of the Vooggle user interface, click **View Group List**. As shown in Figure 105, the Group Management window lists all the currently defined Groups.

The screenshot shows the 'Group Management' page of the Vooggle application. At the top, there is a header bar with the Vooggle logo, a search bar, and links for FAQ, Documentation, and a welcome message. Below the header is a title 'Group Management' and a button '+ Add New Group'. The main area is a table listing seven groups. Each row contains the group name, document count, dates, and actions (edit, details, delete). The table has columns for 'Group Name', 'Document Count', 'Dates', and 'Actions'. The 'Group Name' column is sorted by ascending order. The 'Actions' column contains icons for edit, details, and delete. The 'Dates' column displays start, end, and created dates. The 'Document Count' column shows the number of documents in each group. The table footer indicates 'Showing 1 to 7 of 7 entries' and includes navigation buttons for page 1.

Group Name ↑	Document Count ↑↓	Dates	Actions
TestGroup1	1796	Start Date: 2021-08-07 End Date: 2025-01-28 Created Date: 2024-08-06 07:59:51	
TestGroup2	54513	Start Date: 2022-01-09 End Date: 2025-01-09 Created Date: 2025-01-09 00:17:40	
TestGroup3	54542	Start Date: 2022-01-09 End Date: 2025-01-09 Created Date: 2025-01-09 00:19:04	
TestGroup4	1157	Start Date: 2022-01-30 End Date: 2025-01-30 Created Date: 2025-01-28 15:36:42	
TestGroup5	1157	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-28 20:59:44	
TestGroup6	336	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-29 13:00:00	
TestGroup7	1157	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-29 17:34:25	

Figure 105: Vooggle Group Management window with existing groups



2. Click the Edit Group icon () in the row corresponding to the group you want to edit to open the Edit Group window, shown in Figure 106.

The screenshot shows the 'Edit Group' interface. On the left, there's a sidebar with buttons for 'Build Group', 'Check Build Status', 'View Group List', and 'Import List'. The main area has fields for 'Group Name' (TestGroup4), 'Start Date' (2022-01-30), and 'End Date' (2025-01-30). A 'Patient Name/ICN' input field is also present. Below these are two search boxes: 'Name ↑↓' and 'Secondary Search'. The main content is a table listing patients with columns for 'Name', 'ICN', and 'Action'. The table contains 10 entries. At the bottom, there's a pagination control showing 'Showing 1 to 10 of 10 entries' and a dropdown for selecting entries.

Name ↑↓	ICN ↑↓	Action
ZZZMOUSE,MICKEY TEST PAT	1011481228	
ZZZABCDE,FGHI	1012335559	
ZZVADER,DARTH	1034698691	
ZZTESTPATIENT,SUPER MAN	1011525934	
ZZTEST,SLEEPY	1015968434	
ZZTEST,SIX	1011839679	
ZZTEST,PATIENT O	1015536342	
ZZTEST,PATIENT	1016765405	
ZZTEST,NINE	1011564995	
ZZTEST,FBOP	1011551395	

Figure 106: Voogle Edit Group window

3. From the Edit Group window, you can:

- Change the **Group Name**, **Start Date**, or **End Date** as desired.
- Add patients by starting to enter the last name or ICN of the patient in the Patient Name/ICN field, then selecting the patient from a drop-down, as described under [Adding patient identifiers one by one](#).
- Delete a patient from the group by clicking the trash can icon ()in the **Action** column of the row corresponding to that patient.

NOTE: *There is no confirmation dialog when you click the trash can icon to delete a patient from a group, so use this feature with care.*

4. Click **Build Group** to rebuild the edited group.

NOTE: *If you do not click Build Group after editing a group, then your changes will not be saved when you leave the Edit Group window.*



Deleting an Existing Group

To delete an existing group, follow these steps:

1. From the additional functions menu (hamburger icon), select **Group Management** to open the Group Management window. If you are already in the group management section of the Vooggle user interface, click **View Group List**. As shown in Figure 107, the Group Management window lists all the currently defined Groups.

The screenshot shows the 'Group Management' page of the Vooggle application. At the top, there is a header bar with the Vooggle logo, a search bar, and links for FAQ, Documentation, and Welcome Leslie. Below the header is a title 'Group Management' and a button '+ Add New Group'. The main area is a table with columns: 'Group Name' (sorted by name), 'Document Count' (sorted by count), 'Dates' (sorted by creation date), and 'Actions'. The table lists seven groups: TestGroup1, TestGroup2, TestGroup3, TestGroup4, TestGroup5, TestGroup6, and TestGroup7. Each row includes a 'Secondary Search' button, edit, copy, and delete icons. The 'Actions' column displays specific dates for each group's creation and duration. At the bottom of the table, it says 'Showing 1 to 7 of 7 entries' with navigation arrows.

Group Name	Document Count	Dates	Actions
TestGroup1	1796	Start Date: 2021-08-07 End Date: 2025-01-28 Created Date: 2024-08-06 07:59:51	
TestGroup2	54513	Start Date: 2022-01-09 End Date: 2025-01-09 Created Date: 2025-01-09 00:17:40	
TestGroup3	54542	Start Date: 2022-01-09 End Date: 2025-01-09 Created Date: 2025-01-09 00:19:04	
TestGroup4	1157	Start Date: 2022-01-30 End Date: 2025-01-30 Created Date: 2025-01-28 15:36:42	
TestGroup5	1157	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-28 20:59:44	
TestGroup6	336	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-29 13:00:00	
TestGroup7	1157	Start Date: 2022-01-29 End Date: 2025-01-29 Created Date: 2025-01-29 17:34:25	

Figure 107: Vooggle Group Management window with existing groups

5. Click the trash can icon in the row corresponding to the group you want to delete. A confirmation popup dialog appears, asking you to confirm that you want to delete the group.
6. Click **OK** to delete the group.



Gathering Data for Patients with Clinic Appointments

Voogle's clinic management function allows you to search for patients who have upcoming appointments at a particular VA clinic and to gather data for all those patients. To manage clinics, follow these steps:

1. From the additional functions menu (hamburger icon), select **Clinics** to open the Clinics Search window, shown in Figure 108.

The screenshot shows a dark blue header bar with the Voogle logo on the left. Below it is a light gray search interface titled "Clinics Search". It contains a single input field labeled "Station Name" with a dropdown arrow icon to its right. The entire interface is contained within a white rectangular frame.

Figure 108: Voogle Clinics Search window

2. In the **Station Name** field, start to enter the name of the VA station with which the clinic is associated, then select the station from the auto-populated pull-down menu to display the **Clinic Name** field, as shown in Figure 109.

The screenshot shows the same dark blue header bar and "Clinics Search" title as Figure 108. Below the title, there is a label "Station Name" above an input field containing "646 - Pittsburgh PA VAMC". To the right of this field is a small "X" button and a dropdown arrow. Next to this is another input field labeled "Clinic Name". The entire interface is contained within a white rectangular frame.

Figure 109: Voogle Clinics Search window with Clinic Name field



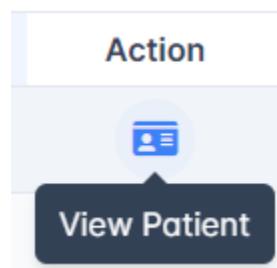
3. In the **Clinic Name** field, start to enter the name of the clinic, then select the clinic from the auto-populated pull-down menu to display the **Clinic Date** field and **Search** button, as shown in Figure 110.

NOTE: Type “?” in the **Clinic Name** field to display a drop-down list of all the clinics in the selected station. You can then select the desired clinic from that list.

The screenshot shows the 'Clinics Search' interface. At the top, there's a navigation bar with the VA logo, the text 'U.S. Department of Veterans Affairs', and 'Electronic Health Record Modernization Integration Office'. Below this is the search interface. It has fields for 'Station Name' (containing '646 - Pittsburgh PA VAMC'), 'Clinic Name' (containing 'COM CARE-GASTRO'), and 'Clinic Date' (containing '2024-08-07'). There are also buttons for 'Documentation', 'Welcome', and a magnifying glass icon for 'Search'.

Figure 110: Vooggle Clinics Search window with Clinic Name field

4. Enter the desired clinic date (or select it using the calendar tool), then click **Search** to search for patients who have an appointment at the selected clinic on the selected date. Vooggle displays the search results as a table, which includes the **Name**, **Date of Birth** and **Appointment Date** for each of the patients, as well as an **Action** column that allows you to switch to the main search window for that patient.
5. Select any or all the patients in the list, then click **Collect Data for Selected Patients** to gather data for those patients.
6. To search the data for any of the patients in the list:
 - a. Click the corresponding View Patient Data icon in the **Action** column to return to the main Vooggle search window.



- b. Enter the patient's ICN, SSN, or EDIPI in the **Choose a Patient** field, or begin typing the patient's last name, then select the patient from the drop-down list.
- c. View and search the patient's data as described under [Getting Started with Vooggle](#).



Troubleshooting and Feedback

For troubleshooting assistance or to leave feedback on Vooggle, click the envelope icon next to your name in the upper right corner of the Vooggle user interface. An email to vavoooglehelp@va.gov opens. The default Subject line is “Vooggle Feedback”. You can change this subject if desired to be more specific about the issue you are having.

You can also open an email to the Vooggle team from the User Functions menu. Click your name in the upper right corner of the Vooggle page, to open the menu, then click **Support**.