

SHRINE Webclient Help Document

Tour of the Web Client

Introduction

The functionality described in the user guide assumes that you have received the necessary prior authorizations to access a SHRINE network at your institution. The process for this authorization varies according to your institution and network.

Most SHRINE networks use a tool called the Data Steward Application to request and approve query topics prior to use of the SHRINE Web Client. Your local administrator or network contact will provide information about this prerequisite step, if applicable.

Details of shots presented in this document may vary from network to network. Each network uses a different ontology and may be uniquely configured. We have attempted to note in this document where these situations may be expected. If you have questions, please contact your local network representative.

The SHRINE Webclient Contains 2 main views:

- I. The Find Patients View
- II. View Patient Counts

I. Find Patients View

The default view the user will see upon logging in is the Find Patients view. The Find Patients view is divided into 3 modules: 1 Medical Concepts, 2 Inclusion and Exclusion Criteria, 3 Start Query. The main menu is in the upper middle 4.

The screenshot displays the SHRINE Webclient interface. At the top is a blue navigation bar with the ACT logo, 'The ACT Network Powered by the NCATS CTSAs Program', and menu items: 'FIND PATIENTS' (underlined), 'VIEW RESULTS', 'NEXT STEPS' with an external link icon, and a user profile icon. Below the navigation bar, the interface is divided into four numbered sections:

- 1 Medical Concepts List:** A sidebar with a search dropdown set to 'All Concepts', a search input field with a 'go' button, and a tree view of medical concepts including Covid-19, Demographics, Diagnoses, Laboratory Tests, Medications, and Procedures.
- 2 Define Inclusion and Exclusion Criteria:** A panel with radio buttons for 'Find patients with' or 'without', a 'CLEAR ALL' button, and a large text area with the instruction 'drag a concept here to define the first inclusion or exclusion criteria'.
- 3 Search ACT Network:** A panel with a dropdown 'Select topic or create one', an input field 'Enter or autogenerate name', and a 'COUNT PATIENTS' button.
- 4 Main Menu:** Located in the top navigation bar.

1. Medical Concepts Module

The Medical Concepts panel consists of:

- a - The Filter Drop Down menu.
- b - The Search Field
- c - The Medical Concepts Tree

Medical Concepts List

Search: All Concepts

a



begin typing criteria

b

GO

- Covid-19
 - ACT COVID-19
- Demographics
 - ACT Demographics
- Diagnoses
 - ACT Diagnoses ICD-9-CM
 - ACT Diagnoses ICD-10
 - ACT Diagnoses ICD10-ICD9
- Laboratory Tests
 - ACT Laboratory Tests
 - ACT Laboratory Tests (Provisional)
- Medications
 - ACT Medications Alphabetical
 - ACT Medications VA Classes
- Procedures

c

a - The Filter Drop Down menu.

The Code Category Filter is used in combination with the search field to filter the concepts by category. The filter will be applied to any searches performed by typing a search term in the Search Field and hitting the go button (see part b).

Medical Concepts List

Search:

All Concepts

Covid-19

Demographics

Diagnoses (All)

Diagnoses ICD-9-CM

Diagnoses ICD-10

Diagnoses ICD10-ICD9

Laboratory Tests (LOINC)

Medications (RxNORM)

Procedures (All)

Procedures ICD-9-Proc

Procedures CPT-4

Procedures HCPCS

Procedures ICD-10-PCS

Visit Details

begin type

[-] Covid

[-] AC

○

[-]

[-]

[-]

○

b - The Search Field

As the user types in the search field, matches will automatically appear in a dropdown below after 3 characters or more have been typed.

Medical Concepts List

Search: Covid-19

begin typing criteria

lung|

×

GO

lung 1,567 concepts

approach lung 387 concepts

lung right 384 concepts

lobe lung 356 concepts

left lung 324 concepts

Severe Illness

Level of Care (Setting)

Medications

Other Variables of Interest

Prognostic Lab Tests

Respiratory Therapy Management

Diagnosis

Diagnostic Lab Tests

Total Patient Count

If the user selects a matching term and clicks the go button on the right, the filtered concept tree will appear.

Medical Concepts List

Search: Covid-19



begin typing criteria

lung

GO

[-] Covid-19

[-] ACT COVID-19

[-] Course Of Illness

[-] Other Variables of Interest

[-] Abnormal Chest Imaging

○ Abnormal Chest Imaging (Derived)

○ Other nonspecific abnormal finding of lung field (R91.8)

[-] Auto-Immune Disease

[-] M05 Rheumatoid arthritis with rheumatoid factor

[-] M05.1 Rheumatoid lung disease with rheumatoid arthritis

○ M05.10 Rheumatoid lung disease with rheumatoid arthritis of

The user can also navigate the Concept Tree by expanding the folders to view the child concepts.

Medical Concepts List

Search: Covid-19



begin typing criteria

GO

Covid-19

ACT COVID-19

Demographics

ACT Demographics

Diagnoses

ACT Diagnoses ICD-9-CM

ACT_2.0.1_UMLS_2018AA

001-999.99 Diseases And Injuries

E000-E999.9 Supplementary Classification Of External Causes Of Injury And Poisoning

V01-V91.99 Supplementary Classification Of Factors Influencing Health Status And Contact With Health Services

ACT Diagnoses ICD-10

ACT Diagnoses ICD10-ICD9

Laboratory Tests

ACT Laboratory Tests

2. Inclusion and Exclusion Criteria Module

The inclusion and Exclusion Module Consists of one or more Medical Concept Group (a) consisting of:

b - With or Without Toggle

c - Concept Drop Area

d - Clear All button

Define Inclusion and Exclusion Criteria CLEAR ALL

Find patients with without

drag a concept here to define the first inclusion or exclusion criteria

Concepts can be dragged from the medical concept list and dropped into the Concept Drop Area of a Medical Concept Group.

Medical Concepts List

Search: All Concepts

begin typing criteria

- [-] Covid-19
 - [-] ACT COVID-19
- [-] Demographics
 - [-] ACT Demographics
 - o ACT_2.0.1_20181212
 - [-] Age
 - o (adults) >= 18 years old
 - o (children) < 18 years old
 - [-] 0-9 years old
 - [-] 10-17 years old
 - [-] 18-24 years old

Define Inclusion and Exclusion Criteria CLEAR ALL

Find patients with without x

Demographic (adults) >= 18 years old

or drag additional concepts

SET DATE RANGE OR MULTIPLE OCCURRENCES ▾

and with without

drag a concept here for the next inclusion or exclusion criteria

When a concept is dropped into a Medical Concept Group, some things to note are:

- The Medical Concept Group that the concept was dropped into becomes active.
- A new inactive Medical Concept Group is automatically added below the original.
- The With or Without Toggle is set to "with" by default but can now be toggled to "without".
- The new concept now appears in the Concept Drop Area and can be removed by mousing over the concept and clicking the x that appears.
- The entire query can be reset by clicking the Clear All button.

Define Inclusion and Exclusion Criteria **d** CLEAR ALL

a Find patients with without **b** ^x

Demographic **c** (adults) >= 18 years old
 or drag additional concepts
 SET DATE RANGE OR MULTIPLE OCCURRENCES **v**

a and with without

drag a concept here for the next inclusion or exclusion criteria

Setting the Date Range or Multiple Occurrences.

Using a different query containing a diagnosis of Covid-19 related Acute Respiratory Disease, we can demonstrate the ability to set the date range (**e**) and change the number of occurrences of the diagnosis (**f**). Please note that the date settings can contain either a start date or an end date or both.

Define Inclusion and Exclusion Criteria CLEAR ALL

Find patients with without ^x

Covid-19 2019-nCoV acute respiratory disease (ICD10CM:U07.1)
 or drag additional concepts
 SET DATE RANGE OR MULTIPLE OCCURRENCES **^**

Concepts must occur from _____ to _____ **e**

Date Range: MM/DD/YYYY

Concepts must occur at least

Occurrences: 1 times **f**

3. Start Query Module

The Start Query Module Consists of:

- a** - The Query Topic Selection.
- b** - Query Name field.

c - The Count Patients Button

The screenshot shows the top section of the 'Search ACT Network' interface. It features a dark grey header with the title 'Search ACT Network'. Below the header, there are two input fields. The first field is labeled 'a' and contains the text 'a topic' with a red circle next to the letter 'a'. Above this field is the text 'Select topic or create one'. The second field is labeled 'b' and contains the text '2019-nCoV acute respiratory c ⚡' with a red circle next to the letter 'b'. Above this field is the text 'Enter or autogenerate name'. To the right of these fields is a blue button labeled 'c' with the text 'COUNT PATIENTS' and a red circle next to the letter 'c'.

A Query Topic must be selected and a Query Name must be entered into the Query Name field before a query can be run.

a. Query Topic Selection

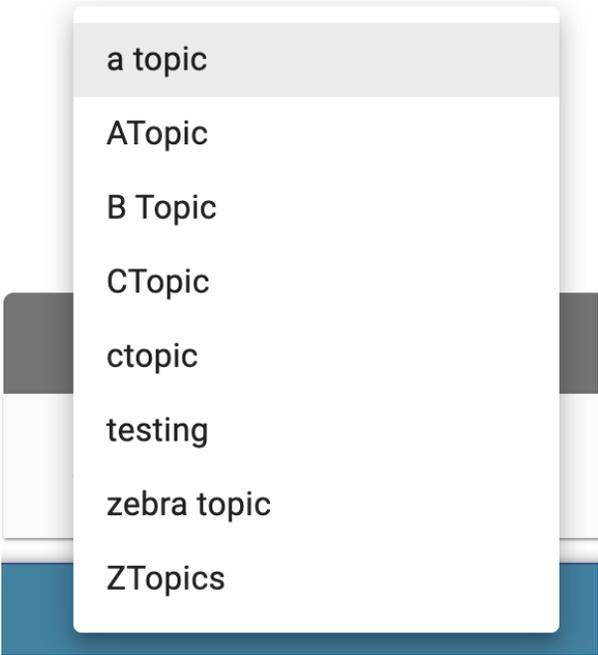
A user must select a query topic before running a query.

This is a close-up of the 'Select topic or create one' dropdown menu. It shows the text 'Select topic or create one' in a blue font, followed by a small downward arrow and a plus sign.

If no query topics exist, clicking the "+" button to the right of the Query Topic Selection will allow the user to create a topic.

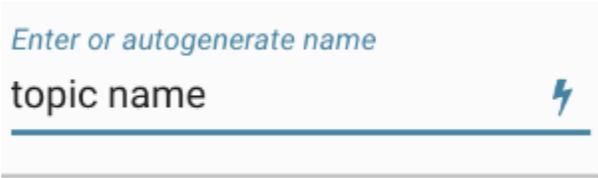
The screenshot shows a dialog box titled 'New Research Topic' with a close button (x) in the top right corner. Inside the dialog, there are two text input fields. The first field is labeled 'Topic Name' and the second field is labeled 'Please describe the intent of your research'. At the bottom right of the dialog, there is a blue button labeled 'CREATE'.

After creating a topic, it will show up in the topic drop down where it can be selected.



b. Query Name Field

In addition to the Query Topic Selection, the Query Name Field is required before being able to run a query.



A user can autogenerate a query name by clicking the lightning graphic on the right:



b. Count Patients Button

When all required fields are populated on the form, the user can click the Count Patients button to start a query.

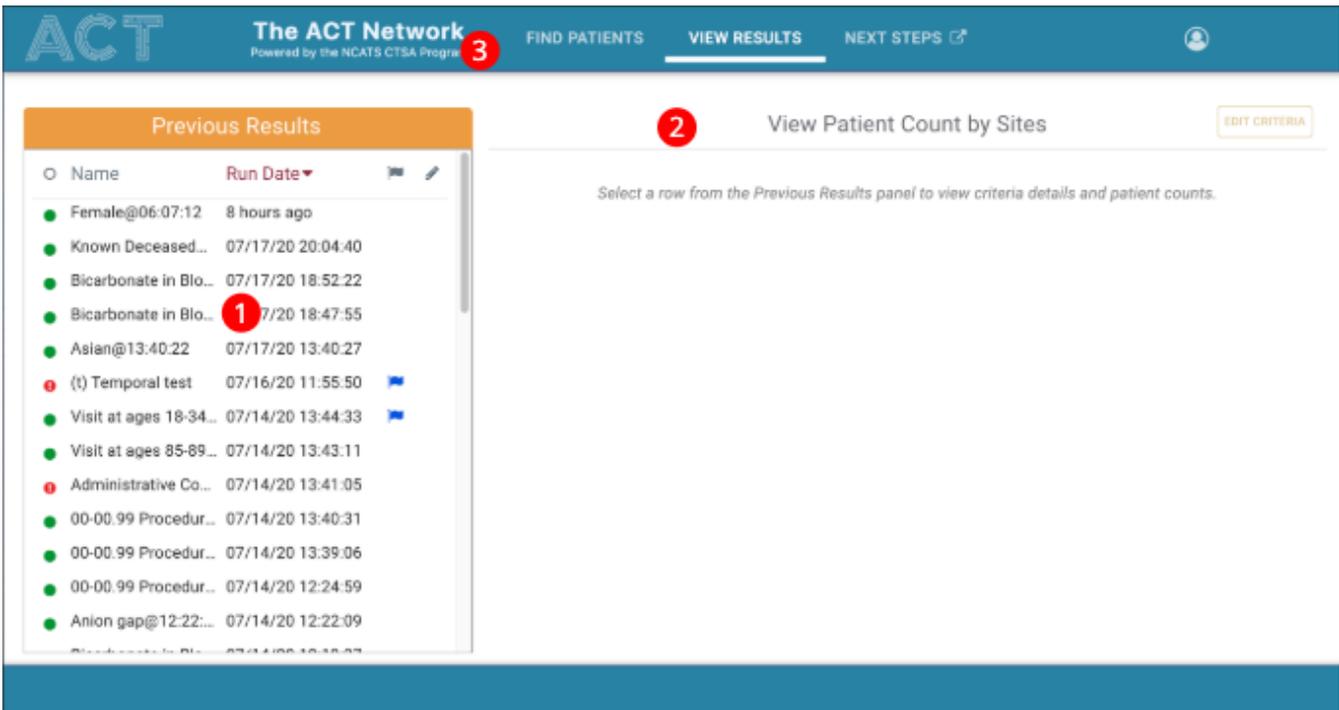


The Count Patients button will automatically disable if any required fields are missing.



II. View Patient Counts

View Results is divided into 2 modules: 1 Previous Results, 2 Patient Counts. The main menu 3 can be used to switch between the Find Patients and View Results Views.



Name	Run Date	
Female@06:07:12	8 hours ago	
Known Deceased...	07/17/20 20:04:40	
Bicarbonate in Blo...	07/17/20 18:52:22	
Bicarbonate in Blo...	07/17/20 18:47:55	
Asian@13:40:22	07/17/20 13:40:27	
(t) Temporal test	07/16/20 11:55:50	
Visit at ages 18-34...	07/14/20 13:44:33	
Visit at ages 85-89...	07/14/20 13:43:11	
Administrative Co...	07/14/20 13:41:05	
00-00.99 Procedur...	07/14/20 13:40:31	
00-00.99 Procedur...	07/14/20 13:39:06	
00-00.99 Procedur...	07/14/20 12:24:59	
Anion gap@12:22:...	07/14/20 12:22:09	

1. Previous Results Module

The Previous Module Consists of:

- a - The Previous Results Header.
- b - Previous Results

Previous Results

 Name 	Run Date 		
 Female@11:04:37	42 minutes ago		
 Female@10:54:38	an hour ago		
 Asian@13:09:02	a day ago		
 Asian@13:08:40	a day ago		
 Female@13:08:07	a day ago		
 Female@06:07:12	07/20/20 06:07:20		
 Known Deceased...	07/17/20 20:04:40		
 Bicarbonate in Blo...	07/17/20 18:52:22		
 Bicarbonate in Blo...	07/17/20 18:47:55		
 Asian@13:40:22	07/17/20 13:40:27		
 (t) Temporal test	07/16/20 11:55:50		
 Visit at ages 18-3...	07/14/20 13:44:33		
 Visit at ages 85-8...	07/14/20 13:43:11		
 Administrative Co...	07/14/20 13:41:05		
 00-00.99 Procedu...	07/14/20 13:40:31		

a. The Previous Results Header

The Previous Results Header provides the ability to sort the Previous Results by Query Name, Run Date and Flag Status. In the example below, the Previous Results are sorted by Run Date with the most recent results sorted at the top of the table:

Previous Results

<input type="radio"/>	Name	Run Date ▼		
<input checked="" type="radio"/>	Female@11:04:37	an hour ago		
<input checked="" type="radio"/>	Female@10:54:38	2 hours ago		
<input checked="" type="radio"/>	Asian@13:09:02	a day ago		
<input checked="" type="radio"/>	Asian@13:08:40	a day ago		
<input checked="" type="radio"/>	Female@13:08:07	a day ago		
<input checked="" type="radio"/>	Female@06:07:12	07/20/20 06:07:20		
<input checked="" type="radio"/>	Known Deceased...	07/17/20 20:04:40		
<input checked="" type="radio"/>	Bicarbonate in Blo...	07/17/20 18:52:22		

In the following example the Previous Results are sorted by Run Date with the least recent results sorted at the top of the table:

Previous Results

 Name	Run Date ▲		
 Male@16:05:19	07/08/20 16:05:21		
 (adults) >= 18 yea...	07/08/20 16:07:30		
 (adults) >= 18 yea...	07/08/20 16:07:58		
 (adults) >= 18 yea...	07/08/20 16:08:27		
 (adults) >= 18 yea...	07/08/20 16:11:54		
 (adults) >= 18 yea...	07/08/20 16:19:23		
 (adults) >= 18 yea...	07/08/20 16:25:25		
 (adults) >= 18 yea...	07/08/20 16:26:35		
 (adults) >= 18 yea...	07/08/20 16:26:55		

In the following example the results are sorted with flagged queries at the top of the table:

Previous Results

<input type="radio"/> Name	Run Date		
 (t) Temporal test	07/16/20 11:55:50		
 Visit at ages 18-3...	07/14/20 13:44:33		
 Female@11:04:37	2 hours ago		
 Female@10:54:38	2 hours ago		
 Asian@13:09:02	a day ago		

In the following example the results are sorted in alphabetical order:

Previous Results

<input type="radio"/> Name ▲	Run Date		
 (adults) >= 18 yea...	07/13/20 14:35:36		
 (adults) >= 18 yea...	07/09/20 15:45:53		
 (adults) >= 18 yea...	07/09/20 16:06:59		
 (adults) >= 18 yea...	07/08/20 16:07:30		
 (adults) >= 18 yea...	07/08/20 16:07:58		
 (adults) >= 18 yea...	07/08/20 16:08:27		

In the following example the results are sorted in reverse alphabetical order:

Previous Results

<input type="radio"/> Name ▼	Run Date		
<input checked="" type="radio"/> Visit at ages 85-8...	07/14/20 13:43:11		
<input checked="" type="radio"/> Visit at ages 18-3...	07/14/20 13:44:33		
<input checked="" type="radio"/> Male@16:05:19	07/08/20 16:05:21		
<input checked="" type="radio"/> Known Deceased...	07/17/20 20:04:40		

b. Previous Results

The previous results are queries that are either currently in progress or have already completed.

- Female@11:04:37 3 hours ago
- Female@10:54:38 3 hours ago
- Asian@13:09:02 07/22/20 13:09:06
- Asian@13:08:40 07/22/20 13:08:46
- Female@13:08:07 07/22/20 13:08:11
- Female@06:07:12 07/20/20 06:07:20
- Known Deceased... 07/17/20 20:04:40
- Bicarbonate in Blo... 07/17/20 18:52:22
- Bicarbonate in Blo... 07/17/20 18:47:55
- Asian@13:40:22 07/17/20 13:40:27
- ! (t) Temporal test 07/16/20 11:55:50 
- Visit at ages 18-3... 07/14/20 13:44:33 
- Visit at ages 85-8... 07/14/20 13:43:11
- Administrative Co... 07/14/20 13:41:05

Clicking on one of the queries will retrieve its results as seen below. The right hand section titled View Patient Count By Sites will be described in more detail later on in this tutorial.

Previous Results	
Name	Run Date
Female@11:04:37	3 hours ago
Female@10:54:38	3 hours ago
Asian@13:09:02	07/22/20 13:09:06
Asian@13:08:40	07/22/20 13:08:46
Female@13:08:07	07/22/20 13:08:11
Female@06:07:12	07/20/20 06:07:20
Known Deceased...	07/17/20 20:04:40
Bicarbonate in Blo...	07/17/20 18:52:22
Bicarbonate in Blo...	07/17/20 18:47:55
Asian@13:40:22	07/17/20 13:40:27
(t) Temporal test	07/16/20 11:55:50
Visit at ages 18-3...	07/14/20 13:44:33
Visit at ages 85-8...	07/14/20 13:43:11
Administrative Co...	07/14/20 13:43:05

[EDIT CRITERIA](#)

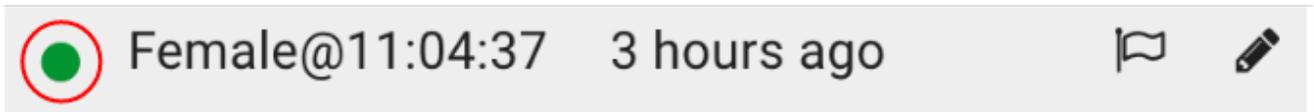
View Patient Count by Sites

Name: Female@11:04:37
 Topic: B Topic
 Criteria: Find patients with (Demographics Female)
 Status: Completed - 3 sites with patients, up to 195 total patients ⓘ
 Last Updated: 7/23/20 at 11:04:56 EDT

Site ↓	Status
shrine-webclient-dev-node01.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients

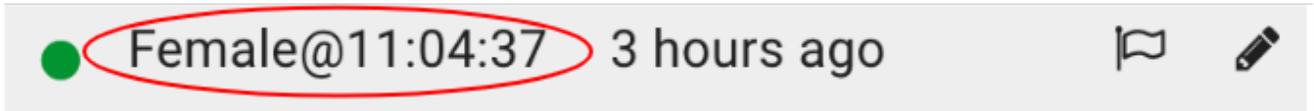
Query Status Indicator Column

The dot in the first column indicates the status of the query. Green indicates a successfully completed query and Red indicates a query that had an error retrieving results.



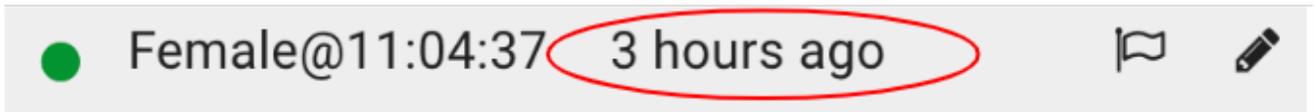
Query Name Column

The second column is the query name:



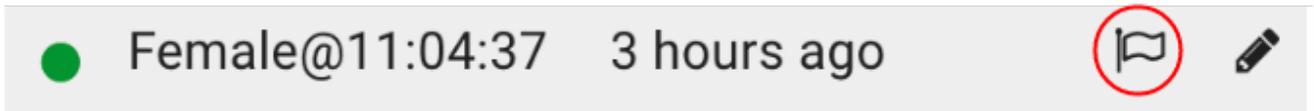
Execution Time

The third column is the time when the query was run:



Flag Query Button

The fourth column is a button that allows the user to flag a query:



Clicking the button reveals the Flagging dialog shown below:

Previous Results

Name	Run Date	Flag	Edit
(adults) >= 18 yea...	2 hours ago		
Cytokine Release ...	2 hours ago		
Female@11:04:37	5 hours ago		
Female@10:54:38	5 hours ago		
Asian@13:09:02	07/22/20 13:09:06		
Asian@13:08:40	07/22/20 13:08:46		
Female@13:08:07	07/22/20 13:08:11		
Female@06:07:12	07/20/20 06:07:20		
Known Deceased...	07/17/20 20:04:40		
Bicarbonate in Blo...	07/17/20 18:52:22		

View Patient Count by

Name: Cytokine Release Syndromes (CRS@14:14:0

Topic:

Flag Query

isha_test

Query ID: 2040892163670402358

Flag Message

isha's sample message

FLAG

Filling in a flag Message and clicking the flag button will flag the query. A flagged query is indicated by a blue flag icon in the flagging column:

Female@11:04:37 5 hours ago

Conversely, the user can unflag the query by clicking the blue flag icon which will launch the unflag dialog. Clicking the unflag button will unflag the query:

Previous Results

Name	Run Date	Flag	Edit
(adults) >= 18 yea...	2 hours ago		
Cytokine Release ...	2 hours ago		
Female@11:04:37	5 hours ago		
Female@10:54:38	5 hours ago		
Asian@13:09:02	07/22/20 13:09:06		
Asian@13:08:40	07/22/20 13:08:46		
Female@13:08:07	07/22/20 13:08:11		
Female@06:07:12	07/20/20 06:07:20		
Known Deceased...	07/17/20 20:04:40		

View Patient Count by

Name: Cytokine Release Syndromes (CRS@14:14:0

Topic:

Flag Query

isha_test

Query ID: 2040892163670402358

Flag Message

test

UNFLAG UPDATE

Rename Query Button

The fifth column is a button that allows the user to rename a query:

Female@11:04:37 3 hours ago

Clicking the rename query button will launch the rename dialog show below:

Previous Results

Name	Run Date	🚩	✎
! (adults) >= 18 yea...	2 hours ago		
! Cytokine Release ...	2 hours ago		
● Female@11:04:37	5 hours ago		
● Female@10:54:38	5 hours ago		
● Asian@13:09:02	07/22/20 13:09:06		
● Asian@13:08:40	07/22/20 13:08:46		
● Female@13:08:07	07/22/20 13:08:11		
● Female@06:07:12	07/20/20 06:07:20		

View Patient Count by

Name: Cytokine Release Syndromes (CRS@14:14:0

Topic:

Criteria:

Status: Submitted - 0 sites with patients, up to 0 tot

Rename Criteria Set ✕

Name

Renamed Female@11:04:37

UPDATE

In this example we are changing the name of this query to "Renamed Female@11:04:37" and clicking the update button. The name is now updated in the table row:

●

Renamed Female... 5 hours ago

🚩
✎

2. Patient Counts Module

The Patient Counts Module consists of:

- a. Query Metadata
- b. Patient Counts
- c. Edit Criteria Button.

View Patient Count by Sites

[EDIT CRITERIA](#)

a Name: Renamed Female@11:04:37
Topic: B Topic
Criteria: **Find patients with** (Demographics Female)
Status: **Completed** - 3 sites with patients, up to **195** total patients ⓘ
Last Updated: 7/23/20 at 16:23:24 EDT

b ⓘ Site ↓↑ Status

shrine-webclient-dev-node01.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients

a. Query Metadata

The Query Metadata has the following information rows:

Name - the name of the query.

Topic - the topic that the query is associated with.

Criteria - the query definition

Status - the status of the query...i.e. Completed, Submitted...e.t.c.

Last Updated - a timestamp for the last time the query retrieved updated information.

Name: Female@10:54:38
Topic: B Topic
Criteria: **Find patients with** (Demographics Female)
Status: **Completed** - 3 sites with patients, up to **185** total patients ⓘ
Last Updated: 7/23/20 at 10:54:43 EDT

b. Patient Counts

The patient counts table contains rows that display a site name and its associated patient count. In the example below we can see in first row that the site shrine-webclient-dev-node1.catalyst.harvard.edu has a count of 45 patients (plus or minus 10 patients), the site shrine-webclient-dev-node2.catalyst.harvard.edu has a count of 55 patients (plus or minus 10 patients), and the site shrine-webclient-dev-node3.catalyst.harvard.edu has a count of 55 patients (plus or minus 10 patients).

Site ↓ _Z	Status
shrine-webclient-dev-node01.catalyst.harvard.edu	45 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients

In addition we can sort the results by clicking the Site column header. In the example below, the counts are sorted by site name alphabetically:

Site ↓ _A	Status
shrine-webclient-dev-node01.catalyst.harvard.edu	45 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients

In the example below, the counts are sorted by site name reverse-alphabetically:

Site ↓ _A	Status
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node01.catalyst.harvard.edu	45 ± 10 patients

Additionally, we can sort by the status. In the example below the counts are sorted by the number of results ascending with the fewest counts at the top:

Site	Status ↓ ₁
shrine-webclient-dev-node01.catalyst.harvard.edu	45 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients

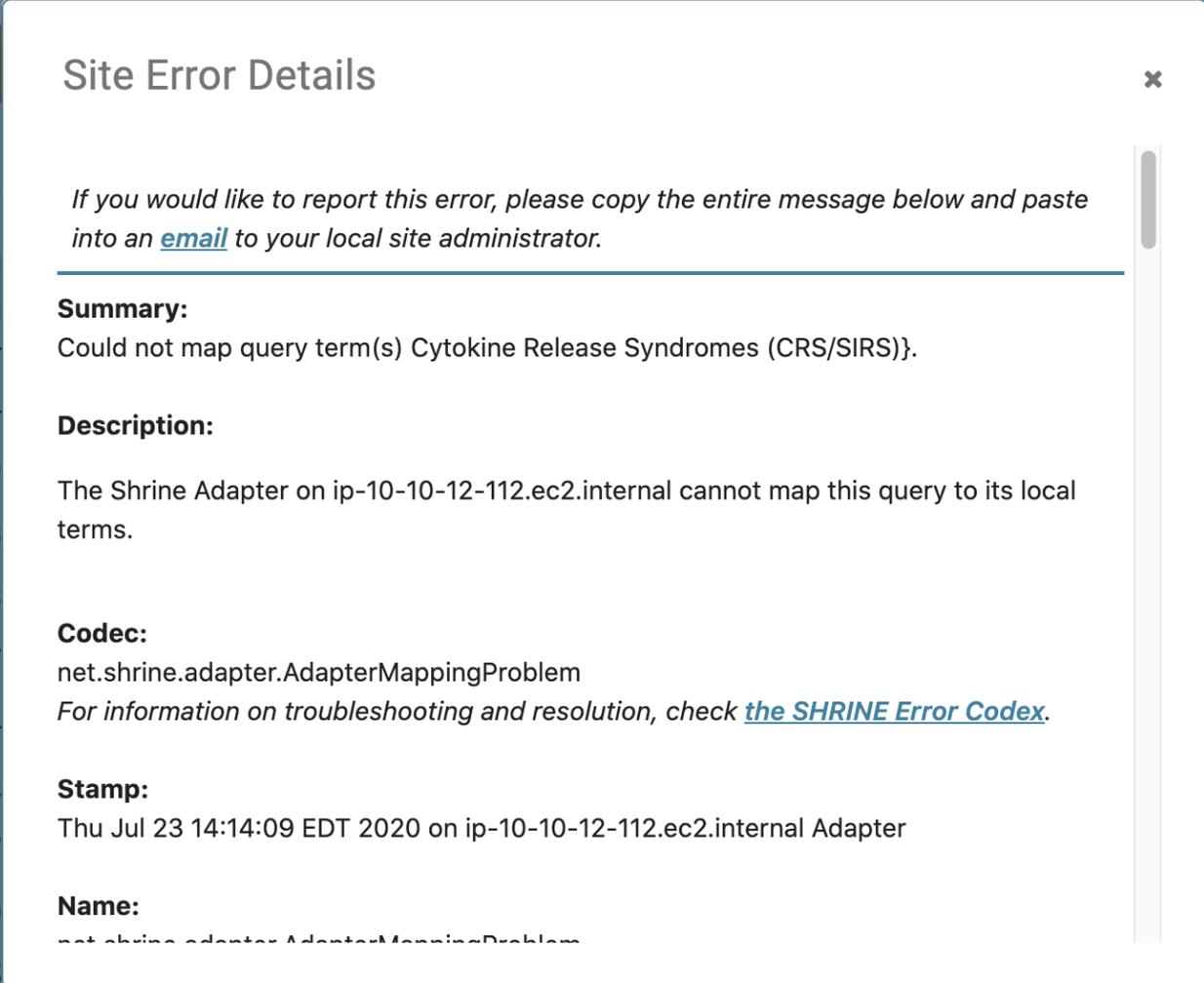
In the example below the counts are sorted by number of results descending with the largest counts at the top:

Site	Status ↓ ₁
shrine-webclient-dev-node01.catalyst.harvard.edu	45 ± 10 patients
shrine-webclient-dev-node02.catalyst.harvard.edu	55 ± 10 patients
shrine-webclient-dev-node03.catalyst.harvard.edu	55 ± 10 patients

When a query is in process or when it contains errors at one or more sites, the status column will display the status at the sites instead of patient counts. In the example below all the sites in the network are returning an error.

Site ↓ ^A	Status
shrine-webclient-dev-node01.catalyst.harvard.edu	Site Error click for details
shrine-webclient-dev-node02.catalyst.harvard.edu	Site Error click for details
shrine-webclient-dev-node03.catalyst.harvard.edu	Site Error click for details

The user can click on one of the "click for details" links to get a more detailed description of the issue:



The image shows a modal dialog box titled "Site Error Details" with a close button (x) in the top right corner. The dialog contains the following text:

If you would like to report this error, please copy the entire message below and paste into an [email](#) to your local site administrator.

Summary:
Could not map query term(s) Cytokine Release Syndromes (CRS/SIRS)}.

Description:
The Shrine Adapter on ip-10-10-12-112.ec2.internal cannot map this query to its local terms.

Codec:
net.shrine.adapter.AdapterMappingProblem
For information on troubleshooting and resolution, check [the SHRINE Error Codex](#).

Stamp:
Thu Jul 23 14:14:09 EDT 2020 on ip-10-10-12-112.ec2.internal Adapter

Name:
net.shrine.adapter.AdapterMappingProblem

c. Edit Criteria Button

Clicking the Edit criteria will reconstruct the query and display it's definition in the find patients view.

EDIT CRITERIA

The result of clicking the Edit Criteria button in our example is shown below. The user can now edit and re-run the query.

The screenshot displays the 'The ACT Network' interface, powered by the NCATS CTSA Program. The main navigation bar includes 'FIND PATIENTS', 'VIEW RESULTS', and 'NEXT STEPS'. The 'Medical Concepts List' on the left is expanded to show categories like Covid-19, Demographics, Diagnoses, Laboratory Tests, Medications, and Procedures. The 'Define Inclusion and Exclusion Criteria' section is active, showing a search for 'Covid-19' and 'Cytokine Release Syndromes (CRS/SIRS)'. The interface allows users to define criteria using 'with' or 'without' operators and includes a 'COUNT PATIENTS' button.