

SHRINE 1.25.4 UPGRADE

Overview

In late 2018, the ACT production network upgraded to the newest version of the SHRINE software, 1.25.4. The version was created with end user input and provides an improved experience for investigators. The way investigators interact with the ACT Network has not changed, but the look and feel of the query results are different. Most sites are fully up and running on the new version, but support teams are continuing to close out any remaining issues from the upgrade. Thank you for your patience as we ensure every site is functioning at its fullest potential.

A summary of the changes is outlined below. Reach out to your local ACT contacts or [Elaina Sendro](#) with questions.

What's changed?

The major benefit of this release is the way results are received by end users. Please note that any activity required to create the query remains the same. Screen captures below designate the changes you can expect to see next time you log in.

The screenshot displays the SHRINE software interface. The top navigation bar includes 'Project: SHRINE', 'User: Sendro, Elaina', and 'Find Patients | Message Log | Help | Network Help | Logout'. The main interface is divided into several sections:

- Navigate Terms:** A tree view on the left showing categories like Demographics, Age, Hispanic, Race, Sex, Vital Status, Diagnoses ICD10-ICD9, Laboratory Tests, Medications, Procedures, and Visit Details.
- Query Tool:** A central area for building queries. It shows a 'Query Name: Female@09:56:58' and a 'Temporal Constraint: Treat all groups independently'. Below this are three groups (Group 1, Group 2, Group 3) with 'Dates' and 'Occurs > 0x' fields. A 'Female' term is added to Group 1. Logical operators 'AND' and 'drop a term on here' are visible between groups.
- Previous Queries:** A list of recent queries with timestamps and user names, such as 'Female@09:56:58 [10-18-2018] [esendro]'.
- Query Status and Breakdowns:** A panel at the bottom right showing the status of the query across different institutions. It includes a table with columns for Institution, Status, and Patient Count.

Red circles and arrows highlight the 'Query Status' and 'Breakdowns' tabs, and the 'ERROR' status in the breakdowns table.

Institution	Status	Patient Count
BUMC	PROCESSING	Patient Count: 578265 ± 10 patients
CCHMC	COMPLETED	Patient Count: 621175 ± 10 patients
Childrens Hospital Colorado	COMPLETED	
Childrens National	PROCESSING	
Columbia University Medical Center	COMPLETED	Patient Count: 889295 ± 10 patients
Duke	COMPLETED	Patient Count: 1613625 ± 10 patients
Emory	COMPLETED	Patient Count: 2809495 ± 10 patients
Indiana	COMPLETED	
JHU	COMPLETED	Patient Count: 1518085 ± 10 patients

This panel now displays “Query Status” and “Breakdowns.” There are no longer tabs for Graph Results, Query Report, or Download Results. Results may be exported by going to “Export to CSV” at the top right corner.

Once a query is submitted, the query status will display for each node on the network. Status designators include:

Submitted – the query was submitted to this node and it is processing results

Processing – the query was received by this node and results are pending

Completed – results are returned and found on the right-hand side of the display panel

Error – the submission is complete, but an error has occurred; note that clicking on the error status will designate the error which can then be shared with local technical support for further troubleshooting if needed

Returned results will display on the far right-hand side of the “Query Status” window.

SHRINE Project: SHRINE User: Sendro, Elaina Find Patients | Message Log | Help | Network Help | Logout

Navigate Terms Find Terms

- Demographics
 - ACT_ONTOLOGY_1.1.0_20180605
 - Age
 - Hispanic
 - Race
 - Sex
 - Ambiguous
 - Female
 - Male
 - No Information
 - Other
 - Vital Status
 - Diagnoses ICD10-ICD9
 - Diagnoses ICD9
 - Laboratory Tests
 - Medications
 - Procedures
 - Visit Details

Query Tool

Query Name: Female@09:56:58

Temporal Constraint: Treat all groups independently

Group 1	Group 2	Group 3
Dates	Dates	Dates
Occurs > 0x	Occurs > 0x	Occurs > 0x
Exclude	Exclude	Exclude
Treat Independently	Treat Independently	Treat Independently
Female		

one or more of these AND drop a term on here AND

ACT Test Query Request New Topic

Run Query Clear 1 Group New Group

Previous Queries

- Female@09:56:58 [10-18-2018] [esendro]
- Asian@18:26:31 [10-10-2018] [esendro]
- Female@07:27:42 [10-10-2018] [esendro]
- Female@07:22:25 [10-10-2018] [esendro]
- Female@07:21:21 [10-10-2018] [esendro]
- Female@08:56:51 [10-1-2018] [esendro]
- Female@10:11:32 [9-14-2018] [esendro]
- Female@09:59:56 [9-14-2018] [esendro]
- Female@12:36:19 [8-30-2018] [esendro]

Query Status Breakdowns Export to CSV

Childrens Hospital Colorado - Age patient breakdown

0-9 years old	152455 ± 10 patients
10-17 years old	187905 ± 10 patients
18-34 years old	209185 ± 10 patients
35-44 years old	18920 ± 10 patients
45-54 years old	5345 ± 10 patients
55-64 years old	2420 ± 10 patients

The "Breakdowns" tab will display breakdown information related to the query if it is available (by age, race, etc.).