UTAH

NINDS StrokeNet

Recruitment by TriNetX

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TriNetX Global Network

Healthcare organizations and life science companies that aggregate and harmonize clinical data pulled from EMR.

- 120+ healthcare organizations
- 250 million patient records
- 40 billion clinical observations

TriNetX Data

TriNetX can pull data from the electronic medical records of one Health Care Organization (HCO) or many.

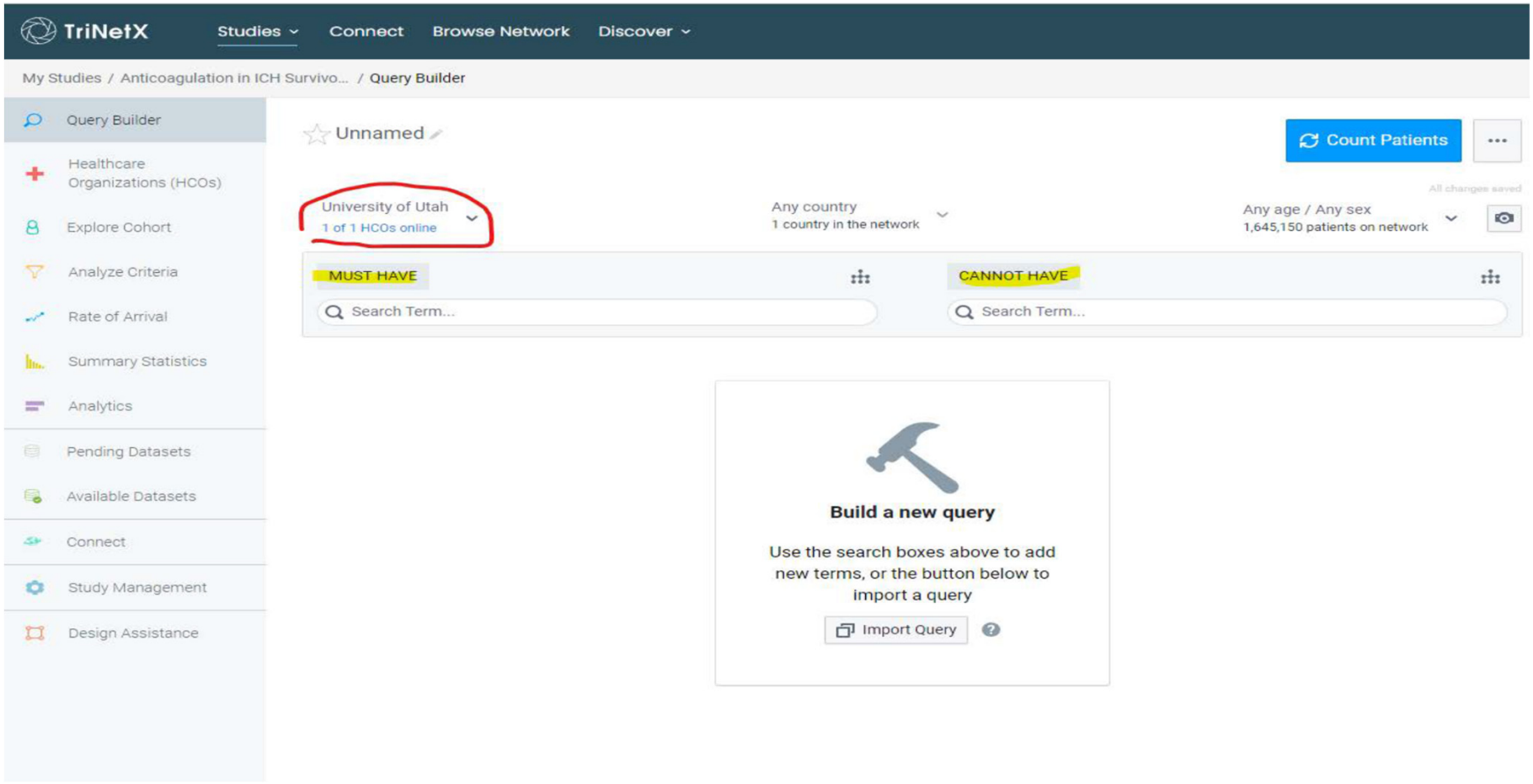
- Diagnosis codes
- Visit dates
- Lab and genetic testing
- Demographic Data
- Medications
- Procedures

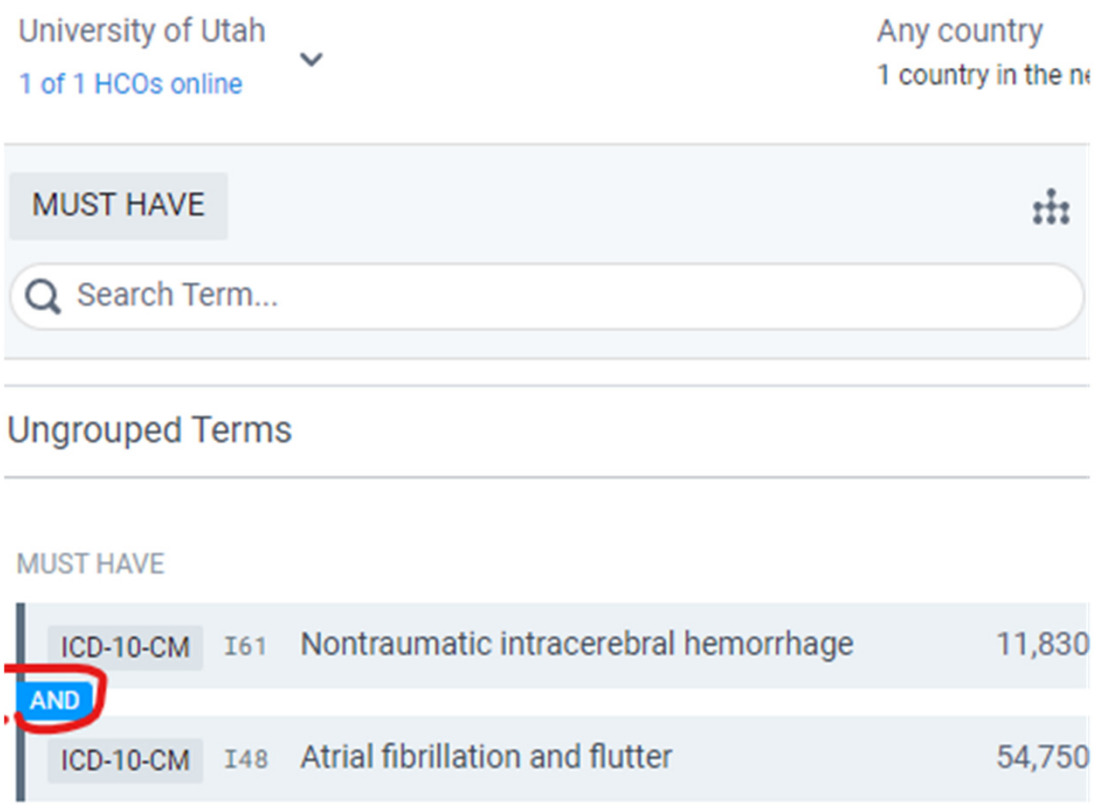
TriNetX Utility

1. Protocol Development - assess feasibility of entry criteria early in protocol development using de-identified data from HCOs.
2. Feasibility - Sites can use de-identified data to accurately assess their HCO patients to determine site level feasibility.
3. Recruitment - Sites can find patients who meet entry criteria. Then single HCO patients can be re-identified to create a recruitment list. IRB approval is required to re-identify records.

TriNetX Access

1. Each institution has their own process for providing staff and faculty access TriNetX.
2. With institutional approval you can login with a username, password, and two-factor authentication.
3. After logging in, go to “Studies” and select “Create New” in the right upper corner.
4. Set includes a title, summary, phase, and NCT# (if available)


TriNetX
Studies
Connect
Browse Network
Discover
My Studies / Anticoagulation in ICH Survivo... / Query Builder
Query Builder
Healthcare Organizations (HCOs)
Explore Cohort
Analyze Criteria
Rate of Arrival
Summary Statistics
Analytics
Pending Datasets
Available Datasets
Connect
Study Management
Design Assistance
Unnamed
Count Patients
University of Utah
1 of 1 HCOs online
Any country
1 country in the network
Any age / Any sex
1,645,150 patients on network
MUST HAVE
CANNOT HAVE
Search Term...
Search Term...
Build a new query
Use the search boxes above to add new terms, or the button below to import a query
Import Query

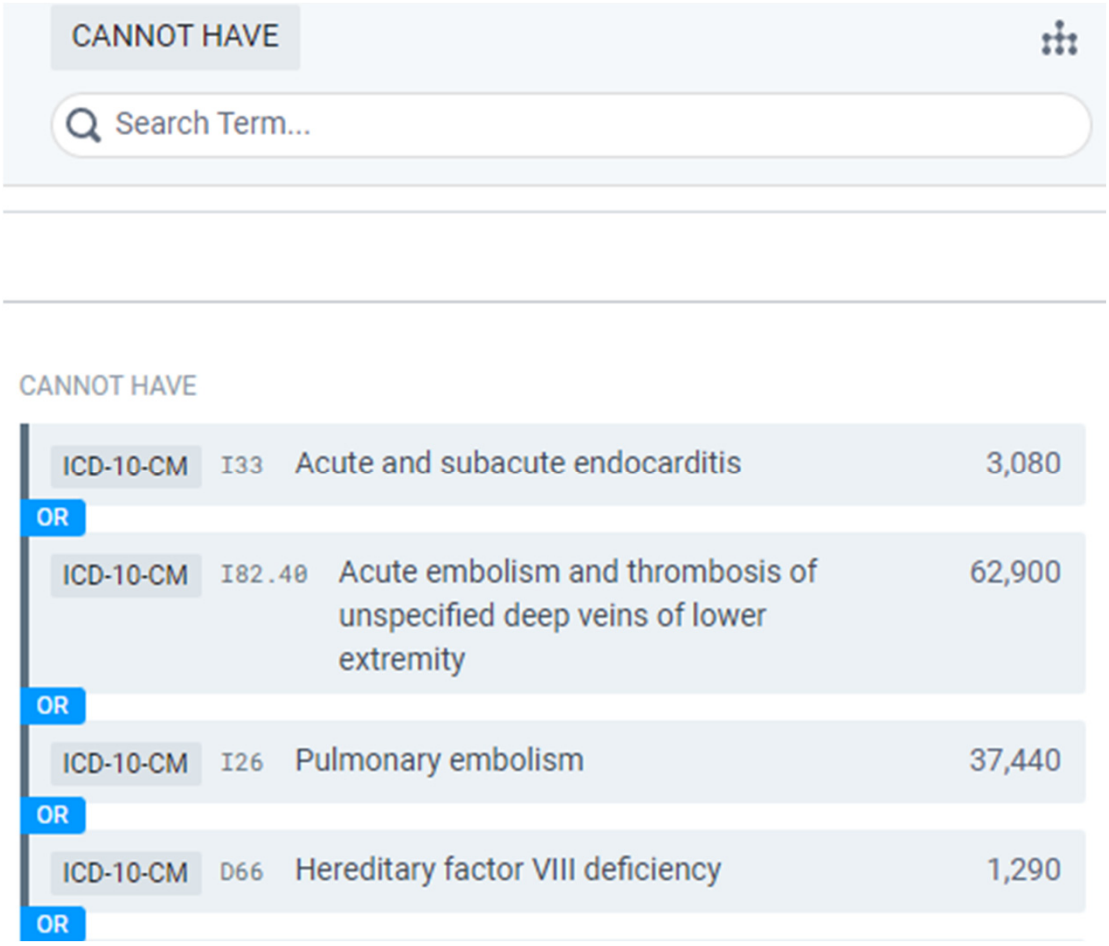


Inclusion Criteria

Search terms can be entered as a diagnosis, lab value, or clinical finding. Typically, the more inclusive code is higher in the search.

Inclusion Criteria - typically entered in the MUST HAVE column

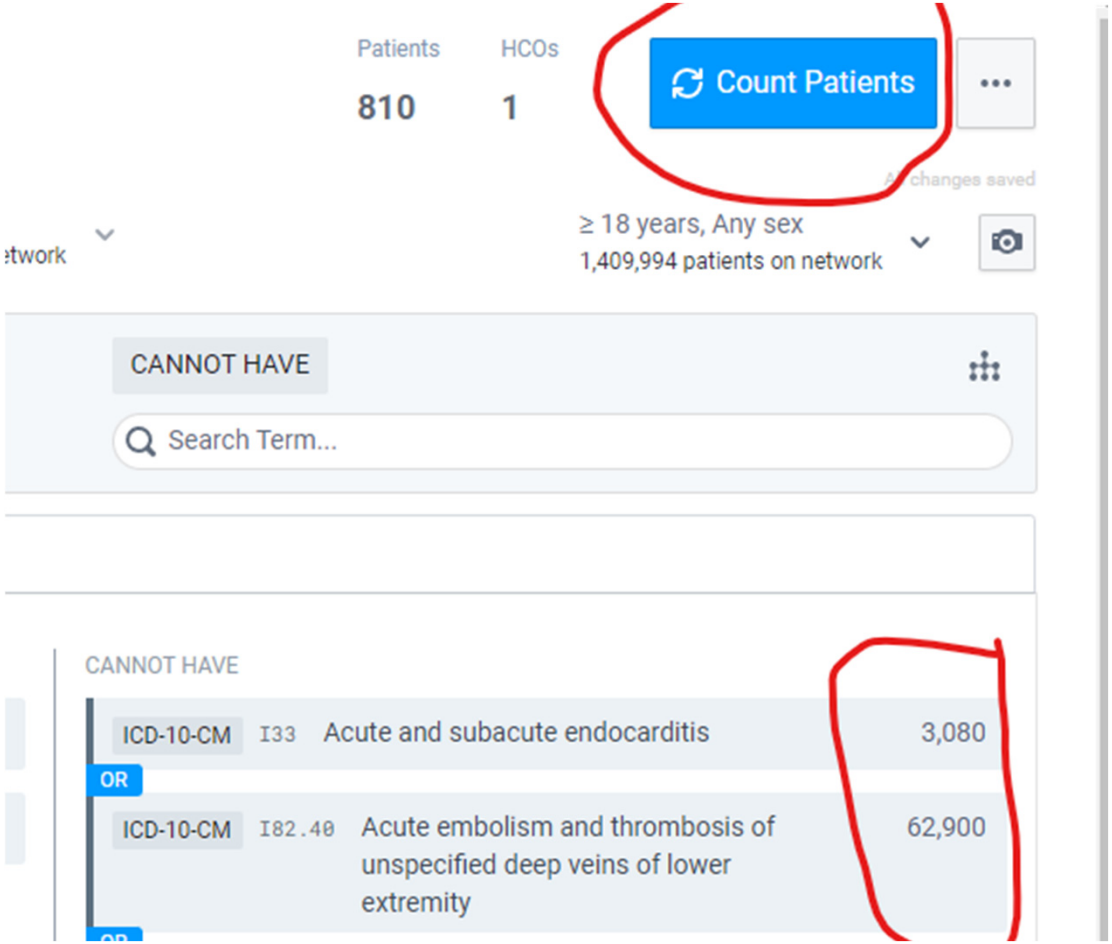
Each criteria is followed by AND/OR. IE: ASPIRE requires Afib and ICH.



Exclusion Criteria

Exclusion criteria are best placed in the CANNOT HAVE column.

Most Exclusion criteria are separated by the OR since any one criteria is exclusionary.

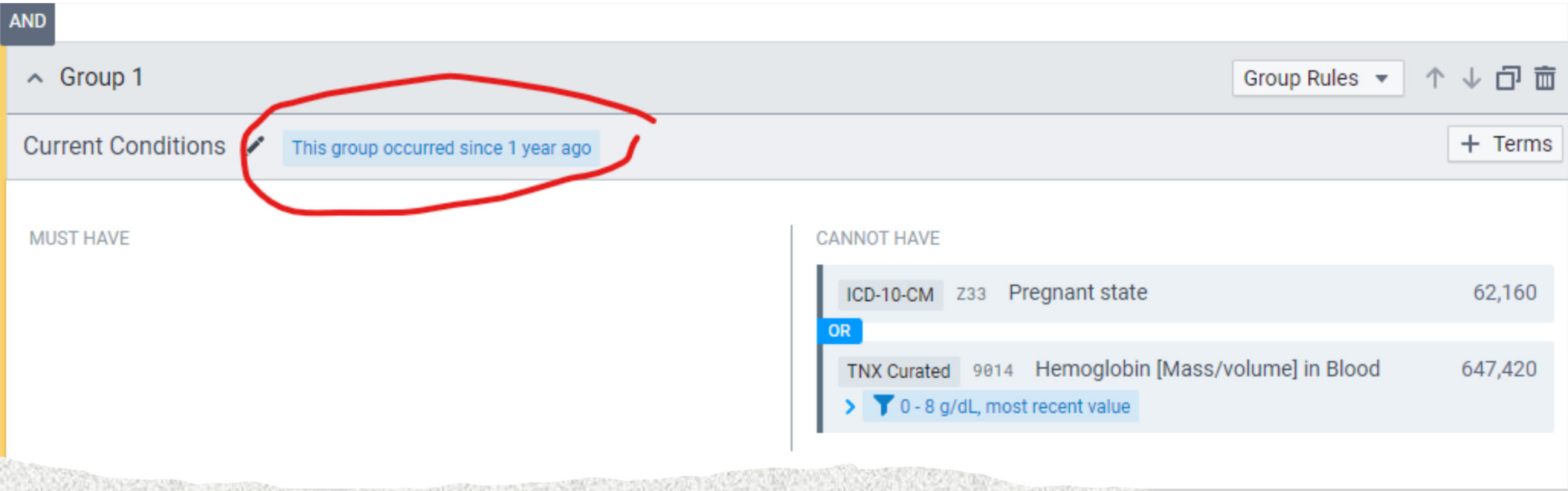


Patient Counts

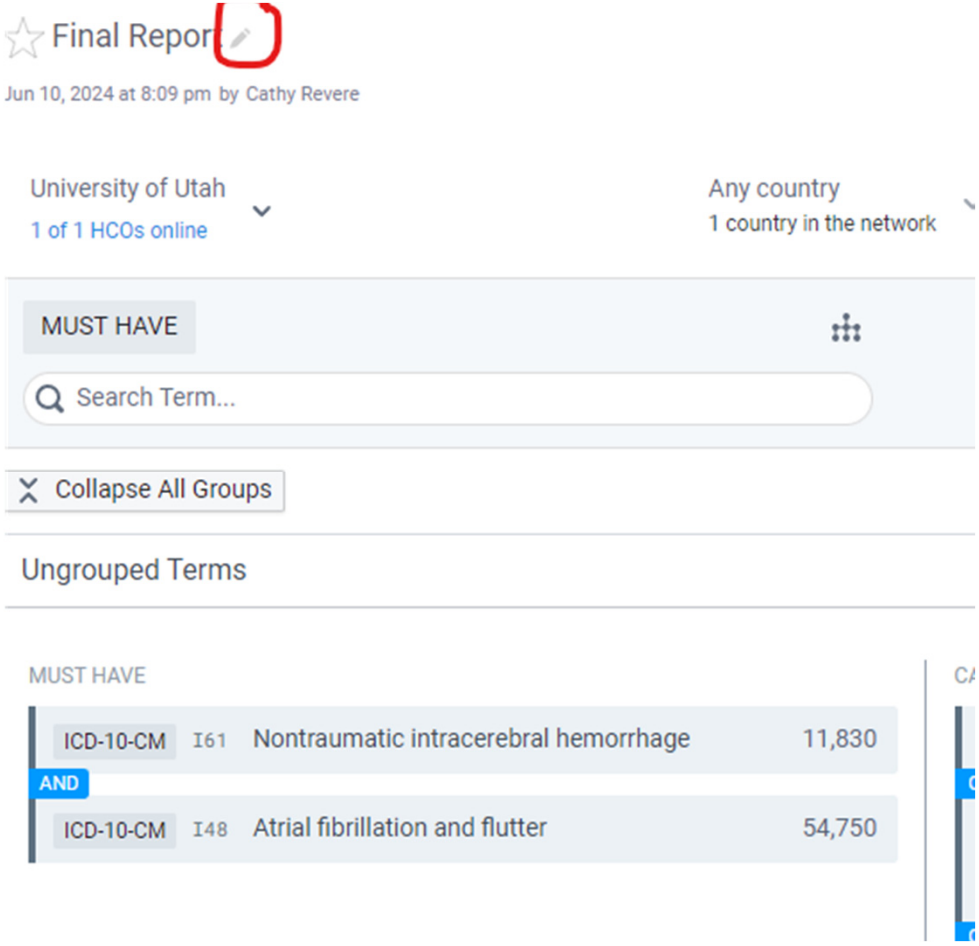
Click “Count Patients” to see how a new term changes your search.

The number of patients is rounded, so an uncommon condition may not change your patient count.

Each search term shows how many patients in the HCO have the term searched.



Grouped Terms - To allow people who are not pregnant or anemic in the past year, create a group of search codes with a time limit. This increased our patient count from 810 to 880.

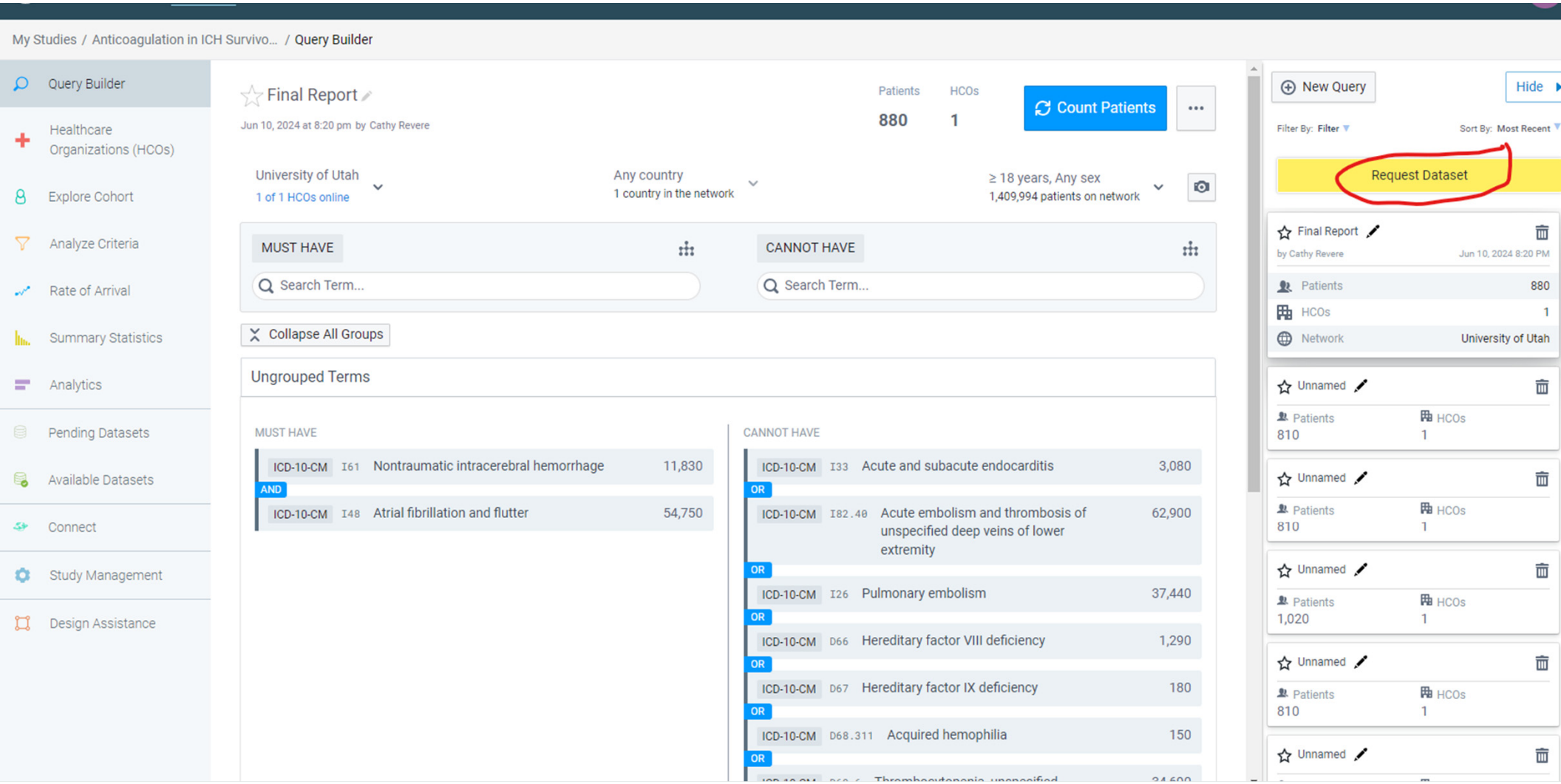


Reports and Dataset

Each time you add or remove a search term, you can create a dataset report by clicking “Count Patients”

Name the report by clicking the pencil icon in the upper left corner and typing the report name.

Click Count Patients and the report will populate on the far right.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Design Assistance
Final Report
Jun 10, 2024 at 8:20 pm by Cathy Revere
Patients
880
HCOs
1
Count Patients
University of Utah
1 of 1 HCOs online
Any country
1 country in the network
≥ 18 years, Any sex
1,409,994 patients on network
MUST HAVE
CANNOT HAVE
Search Term...
Search Term...
Collapse All Groups
Ungrouped Terms
MUST HAVE
ICD-10-CM I61 Nontraumatic intracerebral hemorrhage 11,830
AND
ICD-10-CM I48 Atrial fibrillation and flutter 54,750
CANNOT HAVE
ICD-10-CM I33 Acute and subacute endocarditis 3,080
OR
ICD-10-CM I82.40 Acute embolism and thrombosis of unspecified deep veins of lower extremity 62,900
OR
ICD-10-CM I26 Pulmonary embolism 37,440
OR
ICD-10-CM D66 Hereditary factor VIII deficiency 1,290
OR
ICD-10-CM D67 Hereditary factor IX deficiency 180
OR
ICD-10-CM D68.311 Acquired hemophilia 150
OR
New Query
Hide
Filter By: Filter
Sort By: Most Recent
Request Dataset
Final Report
by Cathy Revere
Jun 10, 2024 8:20 PM
Patients 880
HCOs 1
Network University of Utah
Unnamed
Patients 810
HCOs 1
Unnamed
Patients 810
HCOs 1
Unnamed
Patients 1,020
HCOs 1
Unnamed
Patients 810
HCOs 1
Unnamed

Analyze Cohort and Request Recruitment list

After you select the Dataset, your institution will review and send the data set.

On the left side of the screen are tools to analyze the cohort further.

To obtain a list for recruitment, submit a copy of the Dataset Report to your data science team along with you IRB #. Our list had MRN, gender, address, and distance from our site.

Under the Study menu go to Study Management then Team to add other users within your institution.

Questions?