## MUSC TriNetX Guide

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**TriNetX.com** 

More info

## Creating a Study

🖗 TriNetX	Demo Study			Alex Smith - TriNetX Live Community   Help	
🗁 My Studies	My Studies		Click Create New Study	Create New Study	
🛷 Trial Connect	Filter by: Shared With Me	Search		R	
Query Builder	PIC Phenotype Algorithm - PNP - MUSC			Dalata	
B Explore Cohort	60			Duplicate	
Y Analyze Criteria	Total Patients				
مربہ Rate of Arrival					
Healthcare Organizations (HCOs)	A list of all of your studies			Fill out information	all the that applies
Study Management				to your	study.
🛱 Design Assistance		Demo Study New Study			Alex Smith - TriNetX Live Community   Help
న్రి Browse Network		Create New Study			Created by Alex Smith on Oct 09, 2019
		Study Name		Full Protocol Title	Study Status
Analytics					Select study status
	A PROPERTY AND INCOME.	Descriptive Information			
		Study Phase	Primary Therapeutic Area	Secondary Therapeutic Area	Indication
		Select study phase	Select therapeutic area	Select therapeutic area	
		Summary			
		Sponsor Name	Study Identifier	Rare Disease	Placebo Controlled
	AND A PARTY AND				
		Administrative Information			
		NCT Number	EudraCt Number	7	
	The state of the second st	Validate	Validate		
	A STREET BELLEVILLE				Save Cancel

## **Basic Navigation**



## **Population View**



## Demographics



# Query List

Create a new blank query	New Query	Hide 🕨	Hide the query list
pes saved	Filter By: Filter 🔻	Sort By: Most Recent 🔻	
	🕎 Unnamed 🌶	×	
	8 7	Patients HCOs	A Second State
	Medical University of South	. Oct 09, 2019, 10:04 am	A list of past queries.
	☆ Diabetes 🖉	×	Click them to reference
	8 🗸 🗤	72,920 1 Patients HCOs	tnem again
The survey of the little is a second se	★ Seizures and Carbamazep	oine 🖍 🛛 🗙	
	A	960 1	
	Click the star icon to a query to have it s from the othe Click the pencil to a query	o favorite tand out ers. rename	
and the second of the second s			

## **Events**



## More Complex Logic

Take a look at this query and try to think about what kind of patients will be returned		Population ≥ 50 years, Any sex 382,950 patients on network	
MUST Have		CANNOT Have	0
9037 Hemoglobin a1c/hemoglobin.total in blood ≥7%, most recent value	116,550	6809 Metformin Any route, Any brand, Any strength	58,84
0R     Hemoglobin a1c/hemoglobin.total in blood       9037     ≤ 5 %, most recent value	116,550		
Black or african american	233,560		
vent 1A: This event occurred since 1 year ago 🧪			+ Add Related Event
Add terms E08-E13 Diabetes mellitus	75,020		
Ans Have been diag <u>AND</u> who have a <u>OR</u> who have a <u>AND</u> who are bl <u>AND</u> >= 50 yea	wer: This query will re nosed with diabetes a a hemoglobin a1c lab r hemoglobin a1c lab re ack or African America rs old	turn patents who : least 1 year ago esult of >= 7% sult of <= 5% n	
but <u>ARE NOT</u> ta	king Metformin	7777 m m m m m m m m m m m m m m m m m m	

## Sidebar Options

To get back to the main Query Builder screen

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View the demographics of your cohort

A list of procedures your cohort has had

A list of labs your cohort has had

A view of how your selected criteria has effected your cohort

A list of healthcare organizations your cohort is coming from C Explore Cohort

Query Builder

Demographics

Diagnoses

Procedures

Medications

Labs

 $\nabla$ 

Genomics

Analyze Criteria

Rate of Arrival

Healthcare Organizations (HCOs) Drop down button to get more explore options

A list of diagnoses your cohort has had

A list of medications your cohort have taken

Explore the genomics of your cohort

View the rate that your cohort is arriving to the HCOs you have selected

## Other Tips



### TriNetX vs. I2B2

### TriNetX

- Quicker searches
- Easier to navigate
- Epic encounter data since 5/17/2012
- Problem list and Dx codes are lumped together
- ICD9 Codes are mapped to ICD10 codes

#### I2B2

- More specific queries
- Populated from data stored in the Research Data Warehouse (RDW)
- ICD9 and ICD10 code are separate