MUSC TriNetX Guide

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TriNetX.com

More info

TriNetX Data

TriNetX: Data-Driven Clinical Trial Design & Recruitment
Real world data network of providers and pharma

- TriNetX is a subset of the data available in MUSC i2b2

- Epic encounter data since 5/17/2012 currently populated in TriNetX

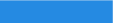- Combines diagnosis and problem list

- Combines ICD9 and ICD10 codes
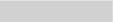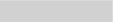
Healthcare Organizations Data

Under the Healthcare Organizations tab on the left side bar you can see information about which HCO your cohort is coming form

Healthcare Organizations (HCOs)

HCOs ❓   Group by Country | Table | Map |

Region / Country		Patients in Cohort
⌄ United States of America (1)		970
⌄ Medical University of South Carolina (MUSC)		970
› Charleston Medical Center		970
› Lancaster Medical Center		10
› Florence Medical Center		10
› Marion Medical Center		10
› Chester Medical Center		10

The number of patients from your cohort who have been to this HCO

These numbers might not be 100% accurate! Some patients might have been to multiple HCOs and then counted more than once

ICD9 & ICD10 Codes

While searching for terms you can see each ICD9 code mapped to a ICD10 code

MUST Have		CANNOT Have	
Cardiac arrest		Search Term...	

All | D Demographics | Dx Diagnoses | P Procedures | M Medications | L Labs | G Genomics | V Visits

Code		Term Description	Patients
☐ I46	Dx	**Cardiac arrest**	
☐ I46.9	Dx	**Cardiac arrest**, cause unspecified	2,970
☐ P29.81	Dx	**Cardiac arrest** of newborn	10
☐ O03.86	Dx	**Cardiac arrest** following complete or unspecified spontaneous abortion	10
☐ O08.81	Dx	**Cardiac arrest** following an ectopic and molar pregnancy	20
☐ O04.86	Dx	**Cardiac arrest** following (induced) termination of pregnancy	20
☐ O03.36	Dx	**Cardiac arrest** following incomplete spontaneous abortion	10
☐ I46.2	Dx	**Cardiac arrest** due to underlying cardiac condition	60

Click here to see more specific terms

☐ Show Terms with Zero Patients   ☐ Show Deprecated

Add To Query   Cancel

All | D Demographics | Dx Diagnoses | P | Labs | G | Visits

by ICD-10 ☑ *Show ICD-9 terms*

Click here to see ICD9 codes for this term

			Patients
ICD10	I46	**Cardiac arrest**	3,020
☐	I46.2	Cardiac arrest due to underlying cardiac condition	60
☐	I46.8	Cardiac arrest due to other underlying condition	90
	I46.9	Cardiac arrest, cause unspecified	2,970
ICD9	427.5	Cardiac arrest	1,940

Submitting a Data Request with a TriNetX query

1) When creating your study name it SPARC12345 (but use your own SPARC number)

2) Add "Final" to your finished query and click the star icon

Filter By: Filter ▼   Sort By: Most Recent ▼

⭐ Diabetes Final 🖉   ✕

  👤 ▽ ﹏   **420**   **1**
                                   Patients   HCOs

Medical University of Sout...   Oct 31, 2019, 9:58 am

                                              By Alex Smith

☆ Unnamed 🖉   ✕

  👤 ▽ ﹏   **2,970**   **1**
                                   Patients   HCOs

Team   **Share Study**

Medical University of South Carolina

Katie Kirchoff

✉ kirchoff@m...

- 📁 My Studies
- 🌐 Trial Connect
- 🔍 Query Builder
- 👤 Explore Cohort
- 🔻 Analyze Criteria
- ﹏ Rate of Arrival
- ➕ Healthcare Organizations (HCOs)
- ⚙ Study Management
  - Properties
  - Team
  - Documents
- 🔲 Design Assistance
- 🔗 Browse Network

4) Next click Share Study and share with Katie Kirchoff, Lynn Patterson , Tomoko Goddard, and Alex Smith

3) Next click Study Management then Team

5) Submit a Research Data SPARC Request . For more information on the steps to take to submit a SPARC Request check out our "Submitting a Data Request Service in SPARC" guide.

TriNetX vs. I2B2

TriNetX

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