MUSC I2B2 User Guide



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More Info

I2b2 Sponsorship Form Download Link

12B2 FAQ

What is I2B2

- Informatics for Integrating Biology & the Bedside
- Analytic Query Tool
- Open Source
- NIH-funded National Center for Biomedical Computing
- Established in 2004
- Based at Partners HealthCare System

- Enables researchers to query clinical data for discovery research
- Platform adopted by many national and international CTSA networks and healthcare centers
- Data is structured to feed TriNetX

Navigation



How Groups Work



Selecting Terms



Demographics



	W Results	
ge in Years		
0-10	64	
10-20	521	
20-30	753	This window shows the
30-40	1518	demographics of your cohort
40-50	2408	
50-60	4416	De-identified data only.
60-70	10126	
70-80	9520	
	2074	Click Find Patents at the top

Race

AMERICAN INDIAN OR ALASKA NATIVE	52	
ASIAN	231	
BLACK OR AFRICAN AMERICAN	15060	
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	20	
OTHER	638	
PATIENT REFUSED	80	
UNKNOWN	105	
WHITE OR CAUCASIAN	16006	

Marital Status

DIVORCED	2757	
LEGALLY SEPARATED	917	
MARRIED	15600	
SIGNIFICANT OTHER	73	
SINGLE	8143	
UNKNOWN	604	
WIDOWED	4102	

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Exclusion

Query Tool	000.40.70			
Temporal Constraint:	I@09:12:52	Trastall groups is	dependently	
Temporar Constraint.	Croup 4	Treat all groups in		Click Exclude to eliminate
Dates	Occurs > 0x Exclude	Dates Occurs > 0x	Exclude	patients that have data for a 🛛 🙀
Lupus erythematosus		Nor ☐ Diabetes Mellitus		concept
			This query is have been d have not bee	searching for patients who iagnosed with Lupus but en diagnosed with Diabetes
Run Query Clear		2 Groups		New Group
Show Query Status	raph Results Query Report			Ę.
		Number of patients		
		663		
		For Query " Lupus - Diabet@09):12:52"	

Other useful info



Getting access to I2B2

MUSC faculty and sponsored staff member have access. All non-faculty users must be sponsored by a MUSC faculty member.

Email completed sponsorship form to <u>datarequest@musc.edu</u> Access is granted within 1-2 business days.

Download sponsorship form



I2B2 vs. TriNetX

<u>12B2</u>

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

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