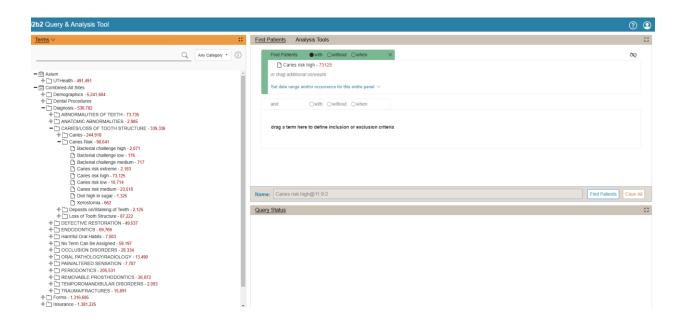
To create a 2x2 table using BigMouth i2b2 query & analysis tool.

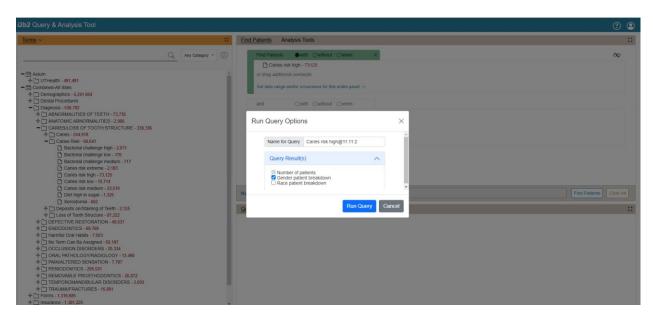
**Step 1:** Login into the BigMouth i2b2 query tool.

<u>Step 2:</u> Choose the variables for your 2x2 table. For example, let's create a 2x2 table to compare the odds of High caries risk between males and females. The variables here are Gender and Diagnosis of High and Low caries risk.

**Step 3:** Search for the diagnosis of "Caries risk high" in the Terms section on the left side of the BigMouth tool and drag it to Group 1 of the Find Patients/Query tool.



**<u>Step 4:</u>** Click on Find Patients and select the option to display the number and gender breakdown of patients.

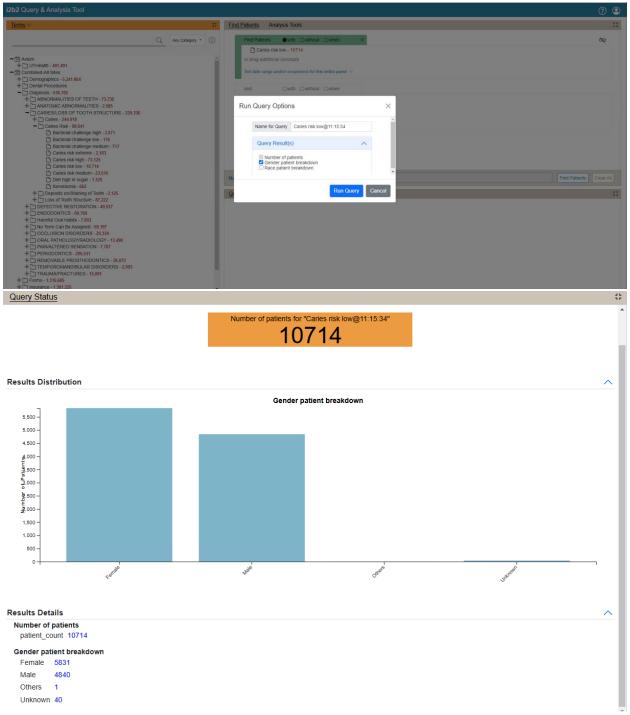


<u>Step 5:</u> Review the results in the Query status section and note the counts of males and females in the output.



Step 6: Clear the query results by clicking on "Clear All"

**Step 7:** Repeat steps 3-6 for the diagnosis of "Caries risk low" by dragging it to Group 1 of the query tool as shown below.



**Step 8**: Use the results from both queries to create a 2x2 table, as illustrated below:

	High Caries Risk	Low Caries Risk	
Males	34324	4840	39164
Females	38370	5831	44201
	72694	10671	83365