## **AMIA Spring 2017 Poster**

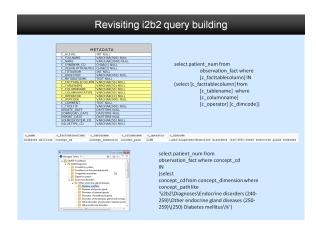


## **i2b2 ON OMOP CDM**

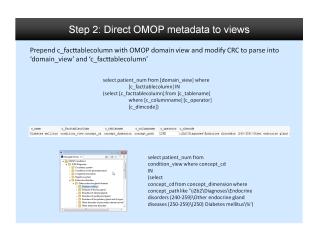


<sup>1</sup>Lori C. Phillips MS, <sup>1</sup>Christopher D. Herrick MBA, <sup>1,2</sup>Shawn N. Murphy MD PhD <sup>1</sup>Partners HealthCare, Somerville MA, <sup>2</sup>Massachusetts General Hospital, Boston MA

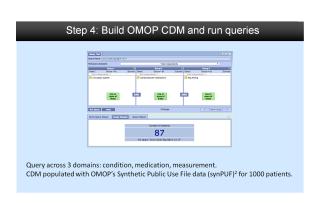
## Introduction The legacy i2b2 data model is comprised of a central fact table (observation, fact) surrounded by multiple dimension tables (star schema). In the Observational Medical Outcomes Partnership Common Data Model (OMOP CDM)\*, rather than a central fact table, we have a collection of them distinguished by domain: procedures, condition, drug, measurement, observation, etc. In this exercise, we investigate how to modify the i2b2 CRC cell to query against a collection of OMOP fact tables as dictated by domain.

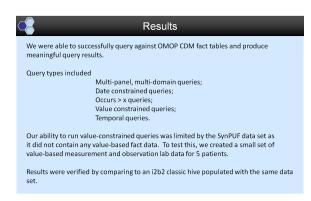






## Step 3: Build ontology of OMOP standard concepts | Part | Part







Try it out at <a href="https://www.i2b2.org/webclient">https://www.i2b2.org/webclient</a>

user: omop pswd: demouser