QUICK LINKS:

Using the Research Enterprise Data Warehouse (rEDW) and TriNetX

Research Enterprise Data Warehouse (rEDW)

With a patient population in the state of Tennessee of over three million, the Research Enterprise Data Warehouse (rEDW) is a consolidated data resource. Data is collected from multiple clinical sources from electronic medical records, which provides a unified view of a patient. The rEDW can be used by researchers and clinicians to facilitate retrieving patient and encounter level data. The rEDW contains data on patient demographics, laboratory test results, pharmacy information, pathology reports, hospital admission and discharge dates, ICD-9/10 codes, CPT codes, discharge summaries, and progress notes.

Currently, the rEDW contains data from the following entities:

- Methodist Le Bonheur Healthcare
- UT Medical Center Knoxville
- University Clinical Health
- Erlanger Health Systems, Chattanooga

If you are interested in utilizing the rEDW in your research, you must obtain IRB approval. Request access to the rEDW today.

TriNetX

TriNetX is a cloud-based health research platform which provides a visual and tabular data summary of the rEDW. It contains standardized aggregated pediatric and adult healthcare data, and it can be used as a preparatory research tool to identify patient cohorts. It combines real-time access to longitudinal clinical data with state-of-the-art analytics to optimize protocol design and feasibility.

TriNetX is available at no cost to all UTHSC faculty, staff, and students through UTHSC Center for Biomedical Informatics (UTHSC-CBMI).

For additional help and information, please email Lokesh Chinthala: lchintha@uthsc.edu

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