

T1D Exchange



The T1D Exchange (The Exchange) was formed through funding from the Leona M. and Harry B. Helmsley Charitable Trust to foster collaboration amongst the type 1 community of people with type 1, caregivers, clinicians, researchers and industry around a shared goal: advancing the understanding and outcomes of type 1 diabetes. By harnessing the power of our community and leveraging innovation in technology, the T1D Exchange is a community resource to improve the care and lives of people with type 1 diabetes, accelerate the development for new type 1 diabetes treatments and technologies, and evolve patient management and research in real time.

The Exchange is comprised of three core components coordinated by the T1D Exchange Program Office in Boston: **Glu**, an interactive website with a mobile application for patients and caregivers; **a clinic network**; and a **biorepository** with patient biological samples.

Program Office

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Clinic Network

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Biorepository Operations

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The T1D Exchange Explained

GLU | CLINIC NETWORK | BIOREPOSITORY



Glu – myglu.org

Glu is the T1D Exchange's patient portal and is accessible online and via a mobile application. Glu facilitates the sharing of experiences and knowledge amongst its membership. Glu offers its members information and resources such as connectivity, personal profiles, clinical trials, blogs and a diabetes management record. Each Glu member's account will be able to store, update and share clinical and patient recorded data in a safe and secure environment. Glu members are able to apply privacy settings to their data, viewing and sharing information with the Glu membership and the type 1 community as desired, plus have access to educational materials and information about research studies / clinical trials. Additional web portals designed for clinicians and researchers will enable them to access real time longitudinal data, biosamples and future Exchange services.

Join Glu at www.myglu.org and/or download the exclusive smartphone app from iTunes or the Android Marketplace.

Our Mission:
To advance the understanding and outcome of type 1 diabetes.

The T1D Exchange Explained

Clinic Network

The T1D Exchange Clinic Network was initiated in 2010. The network, coordinated by the Jaeb Center for Health Research, a nonprofit clinical research coordinating center, is a collaborative effort among 66 pediatric and adult endocrinology centers, involving both institutions and community-based practices with a wide geographic distribution throughout the United States.

The 66 pediatric and endocrinology centers are located in 32 states including states that have typically not had centers involved in studies such as North Dakota, South Dakota, Montana, and Idaho.

Eleven of the centers see primarily adult patients with type 1 diabetes, 37 primarily pediatric, and 18 a mix; 52 are institution-based, 13 are community-based, and 1 is in a managed care setting.

The first initiative of the T1D Exchange Clinic Network is the establishment of a registry of adults and children with type 1 diabetes. The registry aims to collect core clinical and laboratory data on persons with T1D in order to:

- **Address pertinent clinical issues**
- **Conduct exploratory / hypothesis-generating analyses**
- **Categorize participants for future clinical studies**

The registry includes individuals with type 1 diabetes, spanning all age, racial/ethnicity, and socioeconomic groups. General enrollment concluded June 15, 2012, as the goal of enrolling approximately 25,000 participants was achieved in less than two years. While a huge milestone was reached, the registry will continue to grow through recruitment into other T1D Exchange study protocols.

The clinic network will serve as the framework for the conduct of future biosample and epidemiologic studies as well as clinical trials.

Biorepository

Studies will be conducted through the clinic network and Glu to collect biosamples for clinical and basic research objectives coordinated by the T1D Exchange biorepository Operations Center at the Benaroya Research Institute under the direction of Carla Greenbaum, MD.

These studies also will provide biosamples for storage in the T1D Exchange biorepository located at the Northwest Lipid Metabolism and Diabetes Research Laboratories at the University of Washington under the direction of Santica M. Marcovina, PhD, ScD.



For more information, visit
www.t1dexchange.org