

T1D Screening and Monitoring

Funding

Sanofi

Center Funding

\$40,000 per center/18 months

Recruitment

3 Pediatric T1DX-QI Centers with data mapping completion

Principle Investigators

Laura Jacobsen, MD – University of Florida

Osagie Ebekozi, MD, MPH, CPHQ – T1D Exchange

Carla Demeterco-Berggren, MD, PHD – Rady Childrens Hospital San Diego

Estimated Time Commitment

-5% FTE PI time

-10% FTE QI Coordinator time

- 50 - 100 hours estimated IT time

Project Aim

Operationalize screening for stage 1 and stage 2 T1D in the clinical center setting.

Intervention

The T1DX-QI coaching staff will work with each center on developing practical solutions for incorporating screening for T1D. These solutions will be tested for brief periods with successful approaches continuing and unsuccessful approaches modified until operationalization of screening practice is achieved. Outcomes, such as an increase in the number of individuals screened and monitored, will be evaluated through transmission of EMR data to the T1DX database.

Cohort and Data Collection

Outcomes will be evaluated through transmission of EMR data to the T1DX database. This will include using Intelligent Medical Objects (IMO) codes for antibody test results and various stages of type 1 diabetes (T1D) progression.

Project Start
May 2024

Timeline

The project will be completed in approximately 18 months. The proposed timing allows for the QI framework focused on T1D screening to be developed, educational coaching on operational changes to be conducted, and iteration process to take place to incorporate successful approaches and refine unsuccessful approaches with the goal of operationalizing a screening program in each center.