



T1D
Exchange

QI Project: Screening for stage 1 And stage 2 type 1 diabetes

September 20, 2024

Agenda

- Welcome
- Monthly Data Reporting/Survey Overview
- Key Driver Diagram
- Using Effort/Impact Matrix tool
- Coordinating Center Updates
- Next Steps

AIM Statements

Increase, by at least 15% (from baseline,) the proportion of people screened for T1D in 18 months. (June 2024 - December 2025)

Increase, by at least 30% (from baseline,) the proportion of eligible people monitored for progression to stage 3 T1D over 18 months. (June 2024 -December 2025)

| Timeline | Expectations |
|----------------|--|
| September 2024 | <ul style="list-style-type: none">• Attend monthly calls• Team will use the PICK tool to prioritize interventions/changes• Team will start testing first PDSAs. |
| October 2024 | <ul style="list-style-type: none">• Attend monthly coaching calls• Teams report on their recent intervention activities.• Review preliminary results from survey.• The group will continue to test PDSA Cycles. |
| November 2024 | <ul style="list-style-type: none">• Attend monthly coaching calls• Teams report on their recent intervention activities.• The group will continue to test PDSA Cycles. |



Monthly Data Reporting/Smartsheet Overview

Data Reporting by Center

| Centers | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Children's National | Green | Green | Green | Green | Green | Green | Red | Red |
| Texas Children's | Green | Green | Green | Green | Green | Green | Green | Green |
| Lurie Children's | Red | Red | Red | Red | Red | Red | Red | Red |
| University of Indiana | Green | Green | Green | Green | Green | Green | Green | Red |



Interventions/Change Ideas



Children's National

Children's National Interventions

- Create T1Delay flowsheet/powerform within EMR system
- Develop, translate, and disseminate screening education materials for patients
- Develop and implement succinct policies and procedures (e.g. outline specific screening guidelines, build out T1Delay team to include additional provider(s) and administrative support, streamline processes to improve patient follow-up)



Texas Children's

Texas Children's Interventions

1. PCP education on T1D screening, staging, and prevention
2. Utilize new referral mechanism for PCPs: “Screening and staging to delay type 1 diabetes”
3. Multimodal education on T1D screening for patients and families, including: new onset binder, fliers posted in clinic, bulk MyChart message
4. Revamp referral mechanism for pre-diabetes to schedule patients with normal BMI in T1D screening clinic



University of Indiana

University of Indiana's Interventions

1. Increase awareness of T1D IAAb screening for families of established T1D patients in our outpatient clinic
2. Increase the number of appropriate Early-stage clinic (ESC) visits (in-person and virtual) from the referral pool.
3. Increase the availability of Point-of-care (POC) IAAb screening kits in the outpatient Methodist diabetes clinic.



Lurie Children's

Driver Diagram

Project AIMS

Increase by at least 15% (from baseline) the proportion of people screened for T1D in 18 months (June 2024-December 2025)

Increase, by at least 30% (from baseline,) the proportion of eligible people monitored for progression to stage 3 T1D over 18 months. (June 2024 -December 2025)

Key Drivers

Workflow

Equity

Equipment

Education

Interventions

- Education for Families on benefits of Screening for patients and families, including: new onset binder, fliers posted in clinic, bulk MyChart message.
- PCP education on T1D screening, staging, and prevention.
- Multimodal education on T1D screening

- Staff to during each visit patient follow-up.
- Create specific T1D screening and staging as a referral link
- Develop consensus guidelines for screening
- MyChart message to current T1D patients.
- Develop and implement succinct policies and procedures (e.g. outline specific screening guidelines, streamline processes to improve
- Increase the number of appropriate Early-stage clinic (ESC) visits (in-person and virtual) from the referral pool.
- Dedicated Screening Appt Slots (telemedicine and in-person).

- Create T1Delay flowsheet/powerform within EMR system.
- Increase the availability of Point-of-care (POC) IAAb screening kits in the outpatient Methodist diabetes clinic.
- Offer ASK and TrialNet resources to patients.
- Revamp referral mechanism for pre-diabetes to schedule patients with normal BMI in T1D screening clinic.

- Help with navigating insurance requirements screening for families of established T1D patients in our outpatient clinic.
- Advocacy
- Develop, translate, and disseminate screening education materials for patients.
- Increase awareness of T1D IAAb



Coordinating Center Updates



Next Steps