PARTICIPATE IN NEW DIABETES CLINICAL TRIALS

We’re looking for people with type 1 diabetes to enroll in trials at Stanford to help develop the next wave of artificial pancreas technology.

SMART INSULIN PEN ADVISER FOR SHOT-TAKERS:
- Using TypeZero app with smart insulin pen & Dexcom on phone to see how closed-loop algorithms can help with dosing decisions for patients on shots
- Who: Age 15+, on shots for at least 1 month, Any A1c
- How long: 3 months. 3 visits to Stanford.
- Contact Liana at ljhsu@stanford.edu or 650-725-3939 for more info!

MEDTRONIC 670G HYBRID CLOSED-LOOP PUMP:
- New study using Medtronic 670G for 6 months with additional 6 month extension
- Who: Age 7–21, diabetes for 3+ months, any A1c, on pump with or without CGM use
- How long: 6 months. 9 visits to Stanford.
- Contact diabetesresearch@stanford.edu if interested!

CGM USE IN 2 TO 6 YEAR OLDS:
- Looking at ways to help parents of young children with T1D while using a glucose sensor with remote monitoring. Monthly interventions done remotely via video chat.
- Who: 2–6 year olds with T1D for at least 6 months
- How long: 6 month study on Dexcom G5. 2 visits to Stanford.
- Contact Regan at rcbarley@stanford.edu or 650–736–1517 for more info!

PEDIATRIC CLOSED-LOOP PUMP STUDY:
- Using Medtronic 640G pump in closed-loop with phone controller for 6 months
- Who: Age 6–18, diabetes for 1 year, pump user for 3 months, A1c 7.5–10
- How long: 6 months, 4 visits to Stanford.
- Contact Tanya at tmarcal@stanford.edu for more info!

STARTING SOON:
BIONIC PANCREAS “iLet” PUMP
- Using iLet insulin-only closed-loop insulin pump
- Who: Age 12–17, diabetes for 1 year, A1c <11%, using pump or on shots
- How long: 3 weeks
- Contact Liana at ljhsu@stanford.edu or 650–725-3939 for more info!
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**TYPEZERO HYBRID CLOSED-LOOP PUMP:**
- Using insulin pump and Dexcom sensor in hybrid closed-loop system
- Who: Age 14 and up, Diabetes for 1+ year, A1c <10.5%, pumpers or shot-taker
- How long: 3 months
- Contact Liana at ljhsu@stanford.edu or 650-725-3939 for more info!

**ACTION DIET TYPES STUDY FOR TYPE 1 DIABETES:**
- Study on weight loss in adults Type 1 Diabetes with three different diets
- How Long: 9 months
- Contact Marissa at marissah@stanford.edu or (650) 736-6660 for more info!

**CONTINUOUS GLUCOSE SENSORS IN TEENS AND YOUNG ADULTS:**
- Study effect of Dexcom glucose sensor on A1c in teens and young adults
- Who: Age 14–23, A1c 7.5% to 11%, no glucose sensor use in last 3 months
- How long: 6 months to 1 year
- Contact Ryan at rkingman@stanford.edu or 408-612-1720 if interested!

**MRI STUDY ON BRAIN DEVELOPMENT IN DIABETES:**
- Study effect of using 670G closed-loop pump on brain development in kids with T1D
- Who: Age 14–18, diagnosed with diabetes between 6 months to 5 years old, Can’t currently being using closed-loop pump
- How Long: 6 months
- Contact Tali at talij@stanford.edu if interested!

**INFRARED STUDY ON BRAIN ACTIVITY IN DIABETES:**
- Non-invasive Infrared imaging of brain in children with T1D
- Who: Girls age 7–16 with T1D and boys age 7–16 without diabetes
- How long: 1 hour
- Contact Tali at talij@stanford.edu if interested!

To be contacted about these or future studies email diabetesresearch@stanford.edu