

Trial Title: Adapting Diabetes Treatment Expert Systems to Patient's Expectations and Psychobehavioral Characteristics in Type 1 Diabetes

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The Center for Diabetes Technology seeks adults ages 18 and up with type 1 diabetes for a research study. The purpose of this study is to test different ways CGM data can be used to help manage your diabetes.

You may be eligible for this study if you have had type 1 diabetes for at least one year and using insulin for at least one year, and your A1c is between 6.0% - 11%.

This study involves using a Dexcom G6 sensors, and an investigational diabetes application on an Android smart phone. Participants currently using multiple daily injections (MDI) may use a study insulin pump, if desired. There will be weekly surveys to complete, as well as 3 separate blood draws for A1c and lab values. This study will last approximately 7 months and there will be approximately 7 visits. All of these visits can be completed virtually using a web-based video conferencing tool.

Study-related Dexcom G6 sensors, transmitters, and infusion sets if applicable will be provided free of charge.

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