Timing of Initiation of Continuous Glucose Monitoring in Established Pediatric Diabetes Trial
(CGM TIME Trial)

Objective:
To determine if initiating continuous glucose monitoring (CGM) at the same time as pump therapy in children and adolescents with established type 1 diabetes (T1D) results in more sustained CGM use, compared to delaying CGM introduction until six months after pump initiation.

Study Design:
One hundred and twenty-eight subjects, five to 18 years of age with T1D for more than one year, will be randomized to simultaneous initiation of pump and CGM or to standard pump initiation with delayed CGM introduction six months later. Secondary outcomes include: glycemic variability, readiness for change, satisfaction with CGM, quality of life, fear of hypoglycemia, and barriers to adherence.

Reason for Study:
Uncertainty remains about the effectiveness of CGM in children and adolescents with T1D. Success with CGM is directly linked with adherence (i.e., willingness to wear and use CGM on a consistent basis), which may be related to readiness to make the behavior changes required for effective CGM use. We hypothesize that readiness for behavior change is higher at pump initiation than in established pump users and that this predicts future CGM success.

The CGM TIME Trial is the first study to examine the relationship between readiness for behaviour change, timing of CGM initiation, and subsequent CGM adherence in children and adolescents. Its conclusions will advance our understanding of how to initiate CGM and maximize its effectiveness in the pediatric population.

Contact Information:
If you are interested in participating in the CGM TIME Trial and believe your child may be eligible, please contact the study coordinator at the clinical site nearest to you. Please note, due to high demand, it may take several days before your inquiry receives a response.

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For more information:
Please visit the trial listing at www.ClinicalTrials.gov:
http://clinicaltrial.gov/ct2/show/NCT01295788?term=type+1+diabetes&recr=Open&cntry1=NA%3ACA&rank=11