

T1D Exchange

Clinic Registry Update

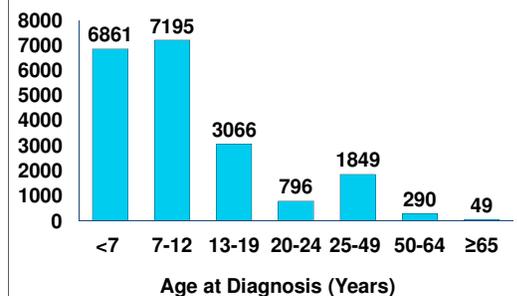
The T1D Exchange Clinic Registry has reached a milestone with over 20,000 children and adults with type 1 diabetes enrolled in just over a year! The 67 participating clinical centers across the United States are working diligently to make this registry the largest of its kind. We expect to reach a goal of 25,000 participants in March 2012.

Follow-up data collection is now in progress for participants who have been enrolled in the registry approximately one year. Please remember you will have the opportunity to receive either a \$20 internet gift card or choose to have a \$20 donation made to a T1D related charity each time you complete a questionnaire. To date, \$163,720 has been donated to two T1D charities: AYUDA (American Youth Understanding Diabetes Abroad) and Life for a Child, on behalf of the T1D Exchange participants who chose to donate their \$20 incentive. The amount we have contributed thus far has already had a great impact on these organizations.

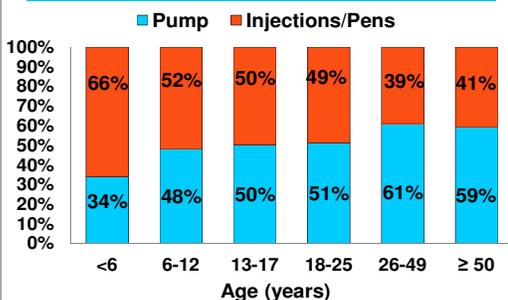
Knowledge is power!

Thanks to the willingness of our T1D Exchange participants, we hope to fill substantial gaps in our knowledge of the best ways to manage T1D and eventually influence improvements in standard of care. We have already observed valuable characteristics and underlying trends that have helped us identify challenges in treatment and control. A summary of various participant characteristics:

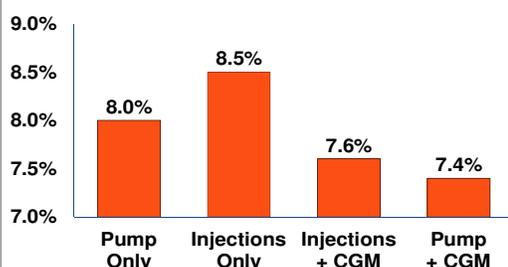
Age at Diagnosis of T1D



Insulin Delivery Method



Average HbA1c by Insulin Method



- ◆ More than half of participants were diagnosed by age 12
- ◆ 16% have a first degree family member with T1D
- ◆ Average HbA1c is 8.2% and is highest among teenagers 13-17 years of age
- ◆ 52% are pump users; 48% are injections users
- ◆ 71% of pump users use a bolus calculator (wizard) to help decide how much insulin to take
- ◆ Pump users take an average of 6 boluses in a typical day and leave pump insertion in for an average of 3.1 days
- ◆ 6% use a continuous glucose monitor (CGM)
- ◆ CGM users perform self monitoring of blood glucose (SMBG) an average of 6 times a day
- ◆ Lower HbA1c levels have been shown for participants of all ages using both a pump and CGM

Updates on Other T1D Exchange Studies

Two new studies have been developed for participants in the T1D Exchange.

Residual C-peptide in Patients with T1D: The purpose of this study is to evaluate how often people with T1D retain at least some ability of the pancreas to produce insulin. Clinic registry participants who have had T1D for at least 3 years and were diagnosed between age 6 months and 46 years are eligible for this study. If interested, please contact the study coordinator at your clinical center to see if your clinic is participating.

Patient-Centered Diabetes Outcomes: This study examines how patients' backgrounds and treatments affect their diabetes control, health, quality of life, and job performance. Participants will complete up to four internet surveys over two years. Eligible participants who agreed to receive emails about other studies will be sent an email invitation to participate.



Glu is an integral part of the T1D Exchange. A vibrant, new community for those impacted by type 1 diabetes, Glu brings together the best of social networking and health information technology to create a community for people with type 1 diabetes and their caregivers to meet, share, and learn from each other.

Glu provides innovative tools for diabetes management, iOS and android mobile applications, a research database, and an active community that will bring change to the treatment of type 1 diabetes on a global scale. You can become a member when Glu launches to the public this Spring, by visiting www.myglu.org or downloading the MyGlu app in the iPhone store and Android marketplace. You can also stay informed through our social media channels at facebook.com/myglu & twitter.com/myglu.

A Message from the Clinic Network Director

I want to again personally express my appreciation for your being a part of the T1D Exchange Clinic Registry. We are collecting very valuable data that has already allowed us to begin addressing a number of important issues related to type 1 diabetes and its management. During 2011, we made 11 presentations at national and international meetings, reporting results from data collected as part of the registry. A listing of the presentations can be found on the T1D Exchange website, www.t1dexchange.org.

Your continued participation is important in order for researchers and clinicians to continue to work toward a better understanding of type 1 diabetes and to improve care. We are committed to seeing that advances in the management of T1D happen as quickly as possible, and thank you for helping us achieve these goals.

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