



T1D Exchange

Winter 2013—2014

In this issue of the T1D Exchange Participant Newsletter:

- Explore Glu's new T1D Discover Tool
- 'Tis the season for giving. Donate a blood sample to the T1D Exchange Living Biobank to help with type 1 diabetes research. Such a small gift can go a long way.
- A comparison of participants in the T1D Exchange registry with participants in the German and Austrian DPV Registry
- Summary of presentations at National and International Diabetes Meetings using data from the T1D Exchange clinic registry



Glu: T1D Research Action!

Have you checked out Glu recently? Our online community has grown to more than 8,100 people living with type 1 diabetes, their caregivers, and supporters.

As part of our year in review, we published a series of key findings from the T1D Exchange Clinic Registry. The results were met with tremendous interest from the community, and it was a great opportunity to simultaneously share our new feature on Glu: T1D Discover. Members can now search the database, comprised of more than 26,000 people living with type 1 diabetes, to query up to 28 fields, and discover average A1c by age and other interesting facts. Join Glu to see how your numbers compare.

Query T1D Exchange Clinic Registry data comprised from 26,000+ people living with type 1 diabetes. Search on 28 different fields, add various search conditions, and define specific parameters to drill down and learn more. Find out how your numbers compare with our registry member data.

Learn more about the T1D Exchange.

All data relative to enrollment date of participant.

Enter Search Criteria

Year of Birth	Equals	1998
Average HbA1c Previous 12 Months	Equals	8

Add Condition Search

Results:

45 of the 26,128 or less than 1% meet the criteria you specified above.



Glu also featured an inspiring video about the Bionic Pancreas in action at the Clara Barton Camp in North Oxford, Massachusetts. The video, created by the Helmsley Charitable Trust, offers remarks from Trustee David Panziner and the principal investigators of the study. "We have a lot of good reason to hope that this technology will provide the bridge we need to get to a cure," says Dr. Ed Damiano, Associate Professor of Biomedical Engineering at Boston University.

Join us at MyGlu.org today!

The Living Biobank: You are invited!

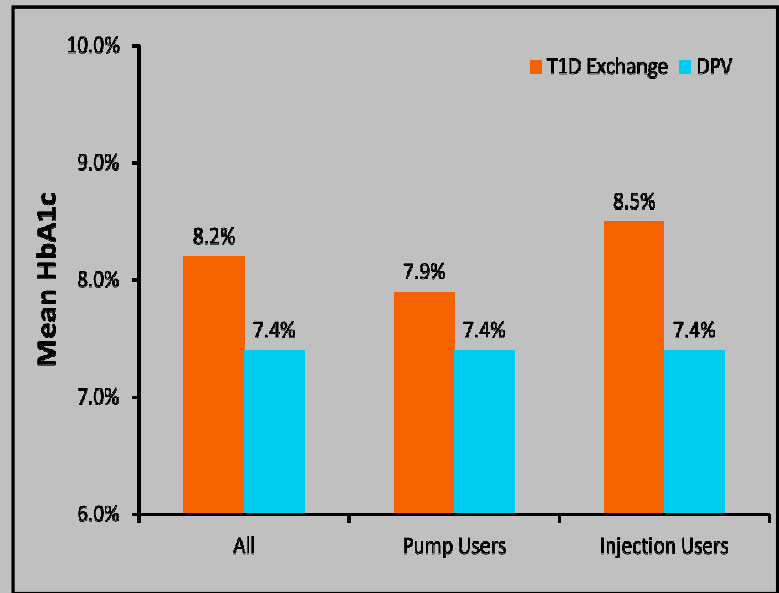
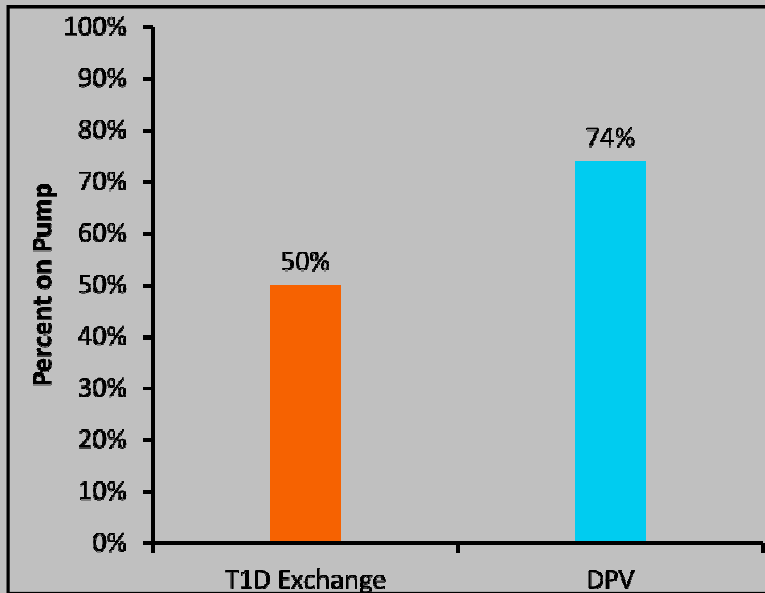
You are invited to join in with other people in the type 1 diabetes community by enrolling into the Biobank Study today. Over 800 people with type 1 diabetes, ages 4 to 82, have already agreed to provide blood samples, in an effort to speed research progress. If you haven't already so done so, please get involved by contacting the T1D Exchange Biobank Operations Center at Benaroya Research Institute at 1-877-280-5345 or biobank@benaroyaresearch.org.

Participants who complete a blood draw to be included in the Living Biobank study will receive a \$25.00 stipend. Blood draws will be collected via test kit at a local lab, at no cost to the participant.

Questions? Contact the T1D Exchange Biobank Operations Center at the Benaroya Research Institute.

T1D Exchange Clinic Registry

DPV is a registry of individuals with type 1 diabetes living in Germany and Austria. Currently, more than 90% of German and more than 70% of Austrian children with diabetes are included in the registry. Recently participant data in the DPV registry were compared with participant data in the T1D Exchange registry. Collaborating with the DPV provides a unique opportunity to compare two large populations of type 1 diabetes patients. The figures below show the major differences between the two registries for insulin pump use and hemoglobin A1c levels for children less than six years old.



During 2013 the following 12 T1D Exchange abstracts were presented at national and international diabetes meetings. Copies of these presentations are available on the study site at:

Advanced Technology and Therapeutics in Diabetes

- Continuous Glucose Monitor Use in Clinical Practice: A Report from the T1D Exchange Clinic Registry

American Diabetes Association

- Prevalence of Cardiovascular Risk Factors in Obese Youth with Type 1 Diabetes (T1D)
- Attention Deficit Hyperactivity Disorder (ADHD) Impacts Diabetes Management and Glycemic Control among Adolescents and Young Adults with Type 1 Diabetes (T1D)
- Residual C-Peptide in Patients 3-81 years from Diagnosis of T1D: A T1D Exchange Study
- Depression in Adults with Type 1 Diabetes Participating in the T1D Exchange Clinic Registry

American Association of Diabetes Educators

- Diabetes Management among Adults with Excellent Glycemic Control in T1D Exchange Clinic Registry

European Association for the Study of Diabetes

- Gastroparesis in adults with Type 1 Diabetes from the T1D Exchange Clinic Registry

International Society for Pediatric and Adolescent Diabetes

- Comparison of Pump Use and Outcomes in Children under 6 Years of Age in the DPV and T1D Exchange Registries
- Therapeutic Inertia: Underdiagnosed and Undertreated Hypertension (HTN) in Children Participating in the T1D Exchange Clinic Registry
- The Impact of Type of Diabetes Practice on Glycemic Control in Young Adults (YA) with Type 1 Diabetes (T1D)

Diabetes Technology Meeting

- Factors Associated with Discontinuation of Insulin Pump Use in the T1D Exchange Clinic Registry.