

T1D-DAB

The Diversity of Type 1 Diabetes Across Bristol



Additional Information Study Sheet: 7-11 Years

Hello!

We would like to tell you about a study called T1D-DAB that will help us learn more about Type 1 Diabetes.

What is Type 1 Diabetes?

Our bodies need a special chemical called insulin to change the glucose (sugar) in our food into energy. In Type 1 Diabetes, our body does not make enough insulin. This makes us feel tired and unwell because we do not have enough energy.

Anyone can have Type 1 Diabetes, even babies, and it is not their fault.

People with diabetes are given insulin injections to give them more energy.



Alt text picture caption: There is a picture of a scientist standing in a doctor's office with office equipment surrounding them. The scientist has a white lab coat on and is holding a pen and a clipboard. The scientist says, "Type 1 Diabetes happens when your body does not make enough insulin".



Alt text picture caption: There is a picture of an insulin bottle and a group of children jumping in sacks in the park. The insulin bottle says, "Hi, I'm insulin! Your body needs me to give you energy to move, grow, and rest".

Why am I being asked to take part?

Your doctor has told you that you have Type 1 Diabetes, and you live in Bristol.

Your help can make a difference in our understanding of Type 1 Diabetes.

Why is the T1D-DAB study important?

We know a lot about Type 1 Diabetes in white children but not much about young people from other cultures.

Our study will look at if age and your cultural background make a difference in Type 1 Diabetes.

This information could help everyone with Type 1 Diabetes, no matter what their age is or their cultural background.



Alt text picture caption: There is a picture of two scientists working in a lab with lab coats on and lab equipment surrounding them. The two scientists say, "we know a lot about Type 1 Diabetes in White children but not much about young people from other cultures".

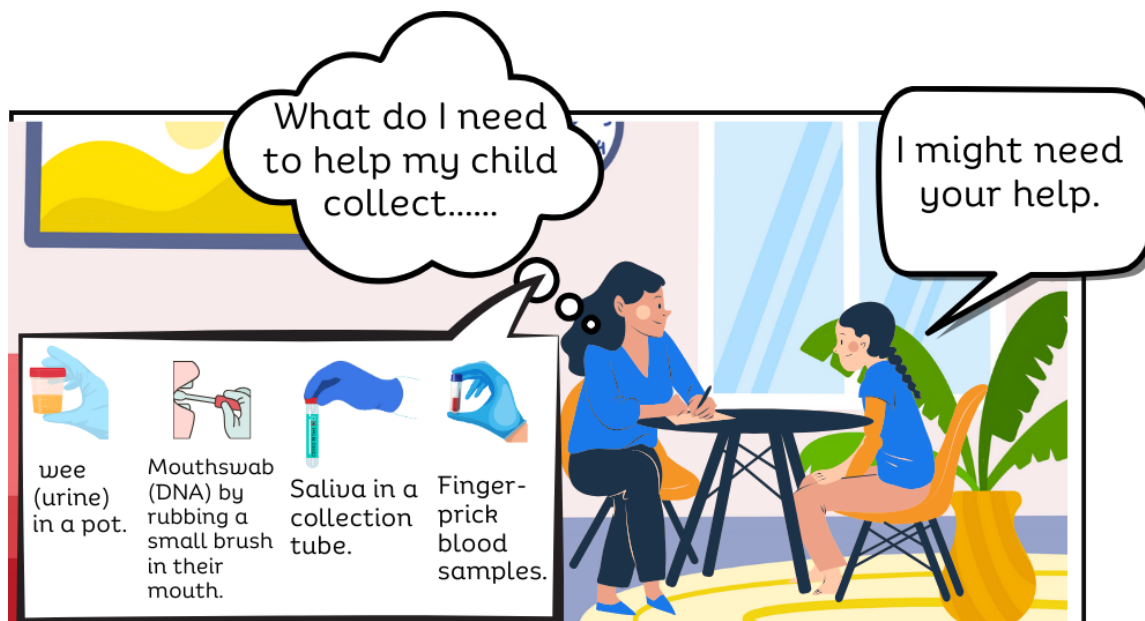
Who can join T1D-DAB?

We are asking people aged over 3 years who have Type 1 Diabetes and live in Bristol to take part in our study.



Alt text picture caption: There is a picture of a group of children standing in a park with some trees and tall buildings in their background. The group of children ask, "So, who can help with the study? "

What would I need to do?



Alt text picture caption: There is a picture of a parent and their child sitting at table in their home. The parent thinks, what do I need to help my child collect?

The child says to their parent "I might need your help". The samples collected for this study will be their wee (urine), mouthswab (DNA), saliva, and finger-prick blood sample.

If you decide to take part in our study, you will need to follow these steps:

Step-1: Collect samples at Home:

We will post sample collection kits to your home.

The collection kits will include instructions on how to collect samples.

You might need help from your parents or guardians to collect these.

We also have sample collection instruction videos on our study website:

<https://tinyurl.com/T1D-DAB-sample-collection>

Step 2: Complete Questionnaires

We will ask your parents or guardians to answer questions about:

- Your age
- Your cultural background
- How do you feel about having Type 1 Diabetes
- When were you told you had Type 1 Diabetes

What is going to happen to my samples?



Alt text picture caption: There is a picture of three scientists in the laboratory with white lab coats and safety goggles on. Also, the three scientists are surrounded by laboratory equipment. Scientist 1 says: "I will test your saliva and finger-prick blood samples for some special proteins called antibodies." The other two scientists say: "We will look at the unique code (called DNA) in your mouthswab and do a special urine test."

Antibody testing:

Our scientists will test your finger-prick blood sample for special proteins called antibodies. These antibodies can be found in your blood years before you develop Type 1 Diabetes.

Antibodies help us to see if there have been any changes to your body's self-defence system. We are also interested in seeing if these antibodies are in your saliva.

DNA testing:

We will also look at the unique code (called DNA) in your mouthswab sample. This will help us learn more about your Type 1 Diabetes.

Urine testing:

We will test your urine to see how well your body makes insulin.

How can I take part?

Please talk to your parents or guardians if you want to join the T1D-DAB study.

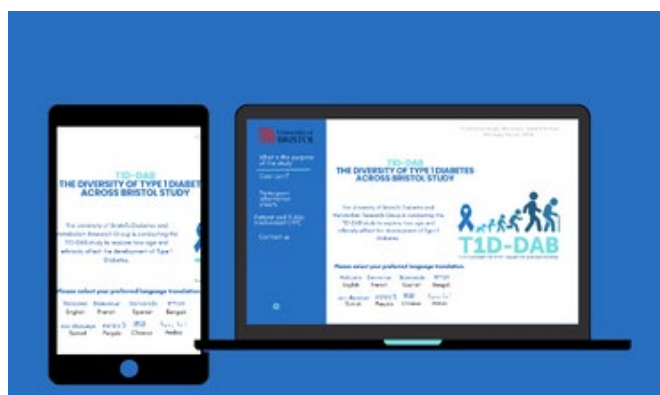
We also have a separate information sheet for parents or guardians.

Your parents or guardians will be asked to fill out a consent form to say they are happy for you to take part.

You will also be given a form called an assent form to sign to say that you are happy to take part in our study.

Both forms can be filled out on REDCap, a database researchers use to collect and manage study information. If your parents or guardians want these forms sent by post, please ask them to contact us.

You will get a copy of your signed consent and assent forms.



Alt text picture caption- There is a picture of a tablet and a laptop with the research study's logo and website on them.

What are the benefits of taking part?

You will not benefit from taking part in this study. However, the information from our study and others could help find new ways to tell when someone might get Type 1 Diabetes.

We hope this will help make new tests to find out earlier and possibly stop diabetes from developing.

What are the risks of taking part?

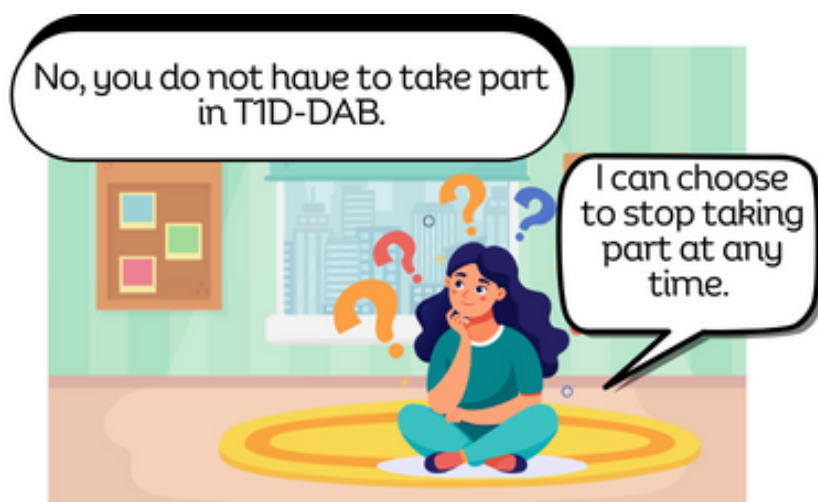
Your finger might be sore from the finger-prick blood test, but it will not last long.

Do I have to take part?

No. You do not have to take part in T1D-DAB if you don't want to, and you can stop anytime.

If you change your mind about taking part:

- Nobody will be upset with you, and your hospital treatment will stay the same.
- Ask your parents or guardians to contact Dr. Anna Long, who leads our study.



Alt text picture caption: There is a picture of a child sitting on a rug with question marks around their head. A child thinks about if they need to take part. No, you do not have to take part in T1D-DAB. I can choose to stop taking part at any time.

How do I find out more information?

Please ask your parents or guardians to visit our study website:

<https://tinyurl.com/T1D-DABStudyHomepage>

We are happy to answer any questions you or your parents or guardians have.

Contact us:

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Thank you for reading this!