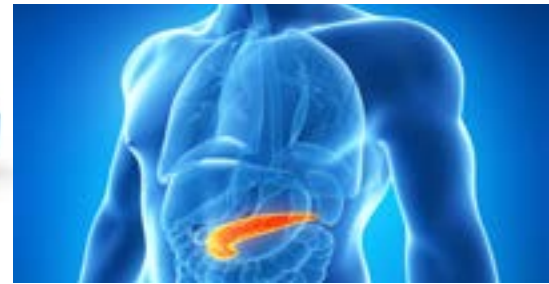


ADDRESS / ADDRESS-2 NEWSLETTER

Children's issue 1 - January 2018



Working together to understand type 1 diabetes

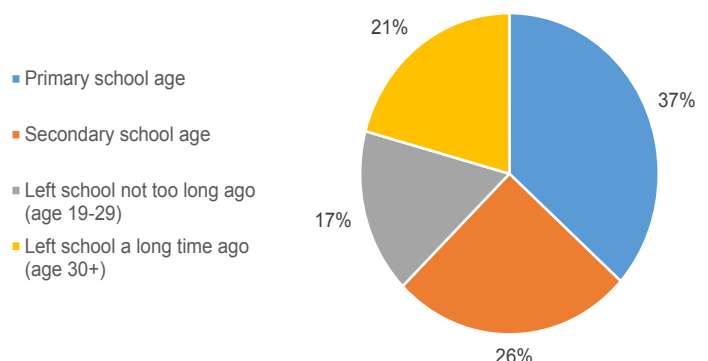
More than 6,000 people like you are helping us to learn about type 1 diabetes. Can you imagine all the people living in a small town?



It is like that many people helping us. Or the number of people in 25 primary schools. Thank you for saying 'yes' to ADDRESS-2. We think you are amazing for taking part.

Everyone in ADDRESS-2 has type 1 diabetes, or has a brother or sister with type 1 diabetes. The people with type 1 diabetes have different ages. Some are at primary school, or secondary school and some are the age of your parents or even your grandparents. This is displayed in Chart 1. Are you surprised that people as old as your parents or grandparents get type 1 diabetes too? We were a bit surprised that so many older people get type 1 diabetes.

Chart 1: Age of ADDRESS-2 participants when they got type 1 diabetes



We are using the information we got from you to learn more about type 1 diabetes. If you gave us blood we are using that too. We are learning what things are the same about people when they first get type 1 diabetes and what is different.

Nearly everyone gets very thirsty before they get type 1 diabetes – this is something that is the same. Not everyone is the same age – this is something that is different.

We are helping doctors and nurses to learn more about what type 1 diabetes looks like when it starts. This will help them to decide what kind of diabetes people have and the best way to look after them. We will also look at what is different about brothers and sisters without diabetes compared to people with type 1 diabetes. **Thank you for helping with our research.**

Other diabetes research projects and new treatments

When you joined ADDRESS-2 we said that we would tell you about other diabetes research projects. There haven't been many projects for children, but this is changing.

When doctors and scientists want to test new treatments they usually test them in adults first to find out if they are safe for people to take. There are now 2 safe treatments that doctors and scientists want to test in children. These projects will hopefully start this year.

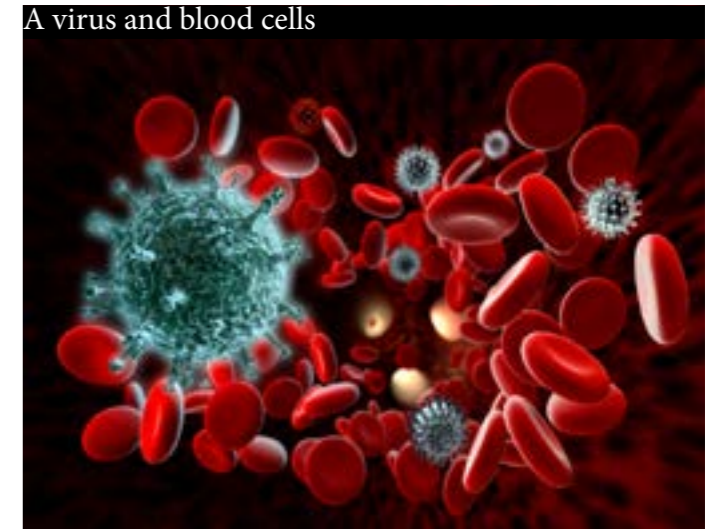
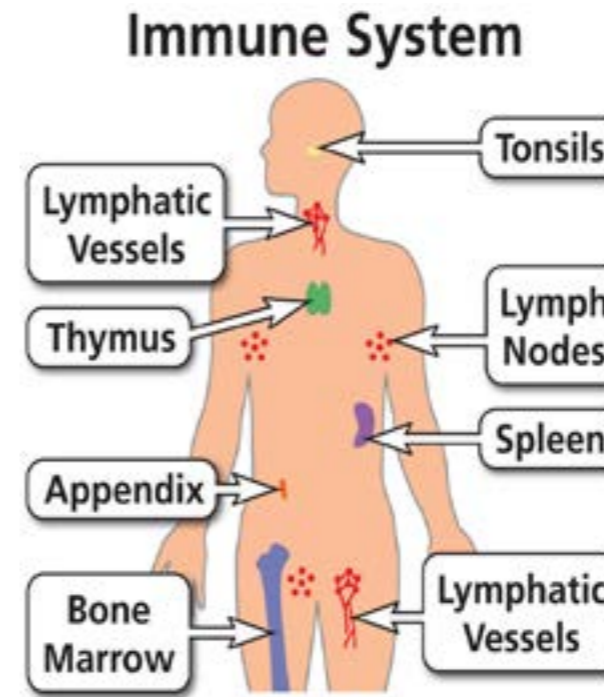
There are now some other projects to find out more about type 1 diabetes in children and adults. You or your parents can read about them on our website if you want. We will let you know about any that are suitable for you:

www.address2.org/type1-diabetes-studies



Helping the immune system work together to protect the pancreas

Doctors and scientists have tested a new type 1 diabetes treatment in adults. We told adults in ADDRESS-2 about the testing and some of them chose to take part in the trial. The treatment works by helping the body's immune system.



Your immune system is designed to protect your body. It helps to stop tiny invaders like viruses and bacteria from making you ill. Your immune system is made up of some of your body's organs, tissues and cells. They work together to destroy the tiny invaders.

In type 1 diabetes the immune system gets confused. It starts attacking insulin making cells in the pancreas instead of the tiny invaders. The new treatment was tested to see if it would help parts of the immune system to work together properly and stop attacking the insulin making cells. The new treatment was safe for people to take and looked as if it helped the immune system. It is being tested in more adults and will be tested in children this year.



Dr Helen Walkey
I'm the person who runs ADDRESS-2

Professor Desmond Johnston
I'm the Diabetes doctor in charge of ADDRESS-2



To find out more about ADDRESS-2:

Telephone: 0207 594 1316

Email: address2@imperial.ac.uk

Web: www.address2.org



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facebook.com.address2two.study



