



WE ARE EDENT1FI



EDENT1FI is a global collaboration between 27 partners in 13 countries from academia, industry and patient organizations, bringing their knowledge and experience together with one common goal: „To arrest type 1 diabetes at the early presymptomatic phase“. This 5-year Horizon Europe project is coordinated by the team of Prof. Chantal Mathieu of the KU Leuven (Belgium) and co-coordinated by the team of Prof. Anette G. Ziegler from the Helmholtz Munich (Germany).

Visit our website
for more information



www.edent1fi.eu

**We aim to identify
early-stage T1D
in children.**



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Dear Parents,

At EDENT1FI we want to assess 200,000 children across Europe and find out whether they may develop Type 1 Diabetes. This involves screening children from the general population for biomarkers associated with the condition. Our mission encompasses not only the early detection of type 1 diabetes in children but also the provision of continuous support and education to families navigating this challenge.

Diabetes can be fast, but you can be faster!

Today we invite you to participate in one of the local initiatives or studies aiming at detecting type 1 diabetes in children before the symptoms become apparent.

Early diagnosis allows for the correct and timely treatment (although not a cure) and prevents serious complications.

Participation is **voluntary and for free**. Please check with your health practitioner for more details about type 1 diabetes.

What is type 1 diabetes? *

Type 1 diabetes is a lifelong autoimmune disease that often **first appears in childhood**, where the immune system attacks the insulin-producing cells in the pancreas. As a result, insulin production stops. The hormone insulin enables the transport of sugar from the blood into the cells, that need it to generate energy. In case of insulin deficiency this process is interrupted, and sugar accumulates in the blood causing the level of glucose in the blood to rise. Those affected must then inject insulin to prevent high blood sugar levels and related health problems.

Awareness is power!

With a **simple test** from a drop of blood we can recognize diabetes in the early stages and prevent the development of serious complications!

Your child's blood will be tested for changes in blood values, so called biomarkers.

1 out of 300 children will be diagnosed with an early state type 1 diabetes.

A positive result does not automatically mean the start of insulin treatment. At the early stage, no treatment is usually necessary. The children feel perfectly well, and their health is not at risk.

Preventing complications and managing the condition early is the objective of screening for type 1 diabetes, as there is currently no cure.

My child appears healthy. Should they still be tested?

Yes! Most children who develop type 1 diabetes show no abnormalities in the early stages of the disease.

With a **simple test** from a drop of blood we can detect type 1 diabetes at this early stage. If your child is affected, blood sugar can now be monitored well and serious health problems **can be prevented**.

What does the diagnosis "early stage of type 1 diabetes" mean?

Most children with biomarkers in their blood are in the early stages of type 1 diabetes and have **no symptoms**. They feel completely healthy and there is no current health risk. However, we can assume that 75 percent of children with positive biomarkers will require insulin treatment within ten years.

The regular check-ups will determine when insulin treatment should begin.

To support you and the whole family on this journey you will be referred to a pediatrician's office or children's clinic that specializes in type 1 diabetes, and you will receive a very detailed training and advice as well as an individual precautionary plan for your child.

** The following content is based on Fr1da study materials and used by courtesy of Fr1da.*

