



Join the Freder1k study in Saxony – newborn screening for the risk of developing type 1 diabetes

6+ good reasons why you should take part in the Freder1k study:

The Global Platform for the Prevention of Autoimmune Diabetes (GPPAD) screening for increased risk of diabetes

- + helps detect and treat the disease at an **early stage**
- + helps prevent **life-threatening hyperglycaemia and developmental disorders**
- + helps affected families through **comprehensive training programmes**
- + enables early participation in innovative **diabetes prevention studies**
- + helps **reduce fears and address concerns about diabetes**
- + helps people live a **normal life with diabetes**

The Freder1k study is a project by



Partners

HelmholtzZentrum münchen
Deutsches Forschungszentrum für Gesundheit und Umwelt



UNIVERSITÄT LEIPZIG

We will be happy to answer any further questions you may have in an individual consultation.

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Dear parents,

Type 1 diabetes is the most common metabolic disease in children and adolescents. In this form of diabetes, the body's own insulin production is lost early in life and must be replaced by insulin injections.

In Saxony alone, around 250 children are newly diagnosed with type 1 diabetes each year.

Type 1 diabetes can affect anyone. The disease can run in families, but 90 per cent of children affected have no relatives with type 1 diabetes. It is an autoimmune disease that can develop slowly, which means that children affected may feel well for a long time and seem to be perfectly healthy. This is why type 1 diabetes often remains undetected for many years, until the child suddenly develops life-threatening symptoms.

This is exactly what the Global Platform for the Prevention of Autoimmune Diabetes (GPPAD) aims to prevent with the 'Early detection of the risk of developing type 1 diabetes' Freder1k study in Saxony. This unique study offers you the opportunity to have your child tested for the risk of developing type 1 diabetes, along with the standard newborn screening tests. This screening test is offered free of charge in maternity hospitals and by paediatricians.

I am convinced that the Freder1k study will help families of children who have an increased risk of developing the disease, enabling them to prepare themselves for the diagnosis and commence any medical treatment required at an early stage, for the wellbeing of their children. This is why I am very pleased to be the patron of this type 1 diabetes screening test. As the State Minister of Science and the Arts and also as a mother, it is especially important to me that parents of chronically ill children receive the best possible support from the outset. If the initiative can relieve some of the shock experienced by many parents on receiving a diagnosis of type 1 diabetes, this would be a success in itself.

The opportunity to participate in related studies for the prevention of type 1 diabetes may also be a ray of hope for those affected. Perhaps this will lead to prevention of the disease in the future. A big goal!

The Freder1k study in Saxony is being run by Technische Universität Dresden and Leipzig University in collaboration with Helmholtz Zentrum München.

>> Come and have your baby tested – it's easy and free!

A handwritten signature in black ink, appearing to read "Eva-Maria Stange".

Eva-Maria Stange

Saxon State Minister of Science and the Arts, patron of the Freder1k study: 'Early detection of the risk of developing type 1 diabetes'