

Your Participation Matters

Children with congenital anomalies, also known as birth defects, are much more likely to develop cancer or a tumor compared to children without these conditions. In fact, one of the strongest risk factors for childhood cancer or a tumor is being born with a birth defect. Even children with minor birth defects, like rib anomalies, appear to have a greater risk of developing childhood cancer. However, very little is known about why birth defects and childhood cancers/tumors overlap.

Your family is being contacted to participate in this study because someone in your family has been diagnosed with a birth defect and cancer or a tumor. Your participation could help researchers learn more about the potential genetic link between birth defects and childhood cancers/tumors.

The GOBACK Study is a collaboration among several institutions, including:

Baylor College of Medicine

Arkansas Children's Hospital Research Institute

Fred Hutchinson Cancer Research Center

University of North Carolina

University of Utah

The GOBACK Study is funded by:

Alex's Lemonade Stand
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CPRIT
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Research Institute of Texas

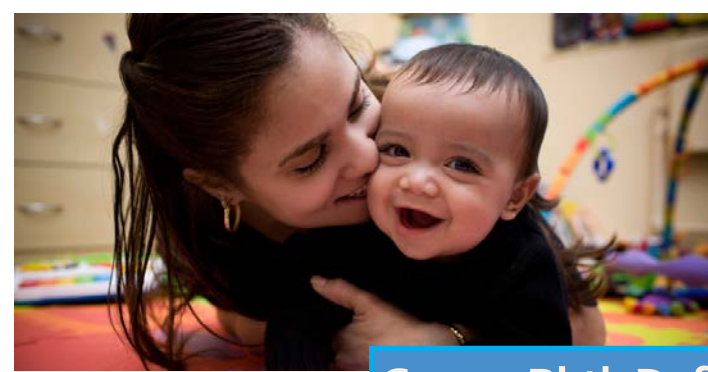


GOBACK
TO THE BASES

*Genetic Overlap Between
Anomalies and Cancer in Kids*

A Family Study





Genes, Birth Defects and Cancer

We inherit genes from our parents and over time, changes in our genes may occur. These changes are called genetic mutations. Certain genetic mutations may result in a birth defect and cancer or a tumor. Researchers do not yet fully understand the genetic causes of cancer and tumors in children with birth defects.

The Genetic Overlap Between Congenital Anomalies and Cancer in Kids Study, or GOBACK Study, aims to identify genetic mutations that may increase the chances of cancer or tumors in children with a birth defect. By sharing your family health history and a small saliva sample, your family can greatly improve our ability to understand the genetic causes of cancer and tumors in children.

Who is eligible?

If someone in your family has been diagnosed with a birth defect and cancer or a tumor, then your family may be eligible to participate.

What do I have to do?

You will be asked to take part in a 30-minute telephone interview. Researchers will also ask your

child, you (the biological parents), and your child's siblings to each provide a small saliva sample. The saliva kits are easy to use and are mailed to your home. The DNA taken from the saliva samples may help us identify genes related to the development of cancer/tumors in children with a birth defect.

You do not need to live near one of the partnering institutions to participate— all parts of the study can be completed by phone and by mail.

Who will see my information?

All information you share with us, as well as your saliva sample results, will be kept completely confidential. No one outside this study may have access to your information without your permission.

Research can help find the answers

Results from the GOBACK Study may help us learn more about possible genes related to both birth defects and cancer/tumors in children.

Identifying a link between birth defects and childhood cancers/tumors can provide information about these diseases— information that one day we hope will lead to improved screening tests and may prevent cancer or tumors from developing in these children.

Researchers from across the United States are partnering to conduct this family-based study. Your participation, while completely voluntary, will greatly enhance the study results.

Contact Us

To learn more about the GOBACK Study or register to participate, please contact us at:

Toll Free: 1-855-474-4520

GOBACK_Study@bcm.edu

