**Study Title: Establishment of Group B Streptococcal immunologic endpoints reasonably likely to predict clinical benefit against invasive disease among young infants: a multi-state case-control study**

**Purpose of the study**

The purpose of this research study is to understand how a pregnant woman’s immune system helps protect her baby from group B *Streptococcus* (group B strep)infection. Our goal is to prevent group B strep infections in the future, possibly with the help of a vaccine.

**What is Group B Strep?**

Group B strep are a common type of bacteria that come and go naturally in the body. Many healthy women have these bacteria in their bodies. While group B strep bacteria are generally not harmful to women, they can be passed on to babies during birth. Group B strep bacteria can cause serious infections in young babies.

**What we hope to learn from this study**

How a pregnant woman’s immune system helps protect her baby from group B strep infection

**What will happen if I agree to be in this study and for my baby to be in the study?**

Study procedures will include: Collecting information about your pregnancy and your baby’s delivery from your medical chart,collecting leftover samples from the group B strep screening you had during pregnancy and leftover sample from your baby’s ‘heelstick’ blood spot collected for newborn screening. To be in the study you need to sign a consent form and return it to the study team. You and your baby will not have to provide any extra samples and we will not ask you for any additional information. Your group B Strep screening sample and your baby’s ‘heelstick’ blood spot sample will be sent to the CDC in Atlanta, GA for testing and storage. No human genetic testing will be done.

**Compensation**

You will receive a $20 gift card for your time as a thank you.

**Costs to you**

There is no cost for joining this study.

**Benefits**

The study may have no benefits to you.By joining and agreeing for your baby to join, you may help prevent babies from getting group B strep infections in the future.

**Risks**

There are some risks from participating in this study. There is a small risk that someone who is not authorized to have the information might see your or your baby’s information or learn that you and your baby are in the study. The study team will do everything possible to prevent this from happening.

**More Information**

For more information contact the study team at (203) 737-8312.