

**CUTIE
Study Sites**

**Children's Hospital of
Philadelphia**

Philadelphia, PA

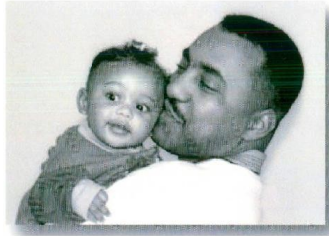
**Children's Hospital of
Pittsburgh**

Pittsburgh, PA

**Children's National Medical
Center**

Washington, D.C.

Every year hundreds of thousands of children are diagnosed with UTIs in the United States. Your participation will help us to understand which children are at the greatest of risk of having more UTIs and developing kidney scarring. As we develop new ways of preventing UTIs (vaccines) that information might help us figure out which children should receive those preventive therapies.



**Careful Urinary Track
Infection Evaluation
(CUTIE)**

Sponsored by:

The National Institutes of
Diabetes and Digestive and
Kidney Diseases (NIDDK)

National Institutes of Health (NIH)

For more information about the
CUTIE Study, please contact:



Careful Urinary Tract Infection Evaluation

**Careful Urinary Track Infec-
tion Evaluation (CUTIE)**

***Patient
Informational
Pamphlet***

A Research Study
funded by
The National Institutes of
Diabetes and Digestive and
Kidney Diseases (NIDDK)



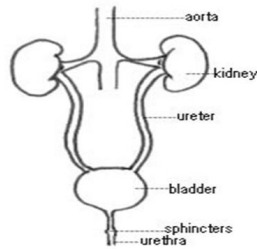
Understanding Urinary Tract Infections

The urinary tract is made up of the kidneys, ureters, bladder, and urethra, and each plays a role in removing liquid waste from the body. Urinary tract infections (UTIs) occur when bacteria from the skin around the anus enter the urinary tract and begin to multiply in the urine. The infection can be limited to the bladder, or sometimes it can spread up the ureters to involve the kidneys. A urinary tract infection that spreads to the kidneys is called pyelonephritis. If severe enough, pyelonephritis can result in scarring of the kidneys, which can lead to problems with kidney function in the future. We know that some children are more likely to have UTIs and to scar their kidneys, but we don't know why this is the case.

What is the CUTIE Study?

The CUTIE study is an "observational" study -- we are only "observing" the study participants. We are not testing a medicine or procedure. During the study we will look at several things that might explain why certain children are more likely to have repeat UTIs or kidney scars. All children in the CUTIE study will be closely monitored for UTIs and kidney health.

The CUTIE study has the potential to help us understand how to provide the best care for the tens of thousands of children who are diagnosed with UTIs each year.



Enrollment Requirements

Your child may be eligible for the CUTIE study if he/she:

- is between the ages of 1 month and 6 years old
- has had a first or second urinary tract infection within the past 4 months
- has had a normal VCUG (voiding cystourethrogram) radiology test

Where do the study visits take place?

Your child will be seen at a study hospital or doctor's office near you. There are sites in and around Philadelphia, Pittsburgh, and Washington, D.C.

Is there a cost involved?

Your health insurance or the CUTIE study will cover most expenses. You will be reimbursed up to \$150.00 for your time and travel expenses.

What does the CUTIE study involve?

CUTIE is a two year study. If your child takes part, we will ask you to:

- come to 5 study visits (1 visit every 6 months) at a hospital or doctor's office near you
- be contacted by phone every 2 months to give us an update about your child's health

At every CUTIE study visit we will:

- do a basic physical exam
- ask you questions about your child's recent medical history ask you questions about how UTIs affect your child's quality of life.

At the first and last CUTIE study visits we will also:

- take pictures of your child's kidneys (through a special test called a kidney scan) to look for the development of kidney damage.
- collect a small amount of your child's blood and urine to see if there is any change in how well your child's kidneys are working

Flexible appointments are available.