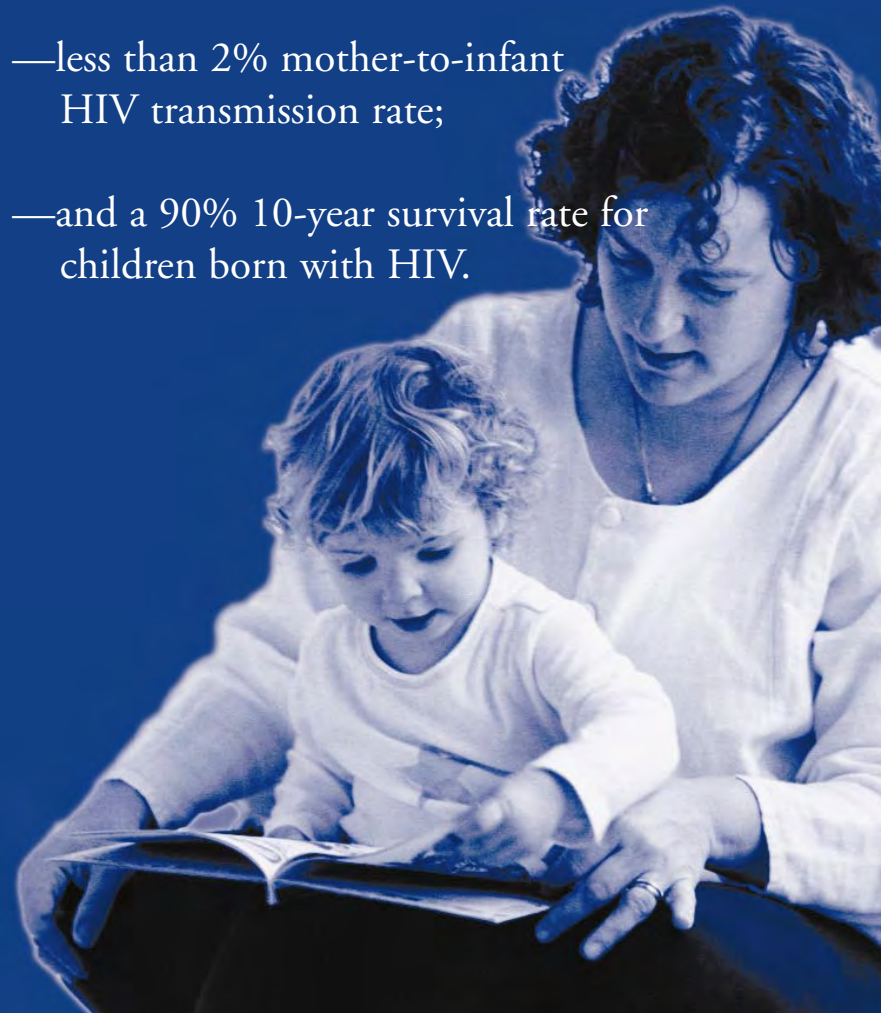


Major Scientific Goals Achieved

■ The PACTG has met two of its major scientific goals:

—less than 2% mother-to-infant HIV transmission rate;

—and a 90% 10-year survival rate for children born with HIV.



PACTG RESEARCH SITES - 2000

ALABAMA

University of Alabama at Birmingham

CALIFORNIA

University of California at Los Angeles
University of California at San Diego
University of California at San Francisco
University of Southern California

COLORADO

University of Colorado Health Sciences Center

CONNECTICUT

Yale University School of Medicine

DISTRICT OF COLUMBIA

Children's National Medical Center
Howard University Hospital

FLORIDA

Arnold Palmer Hospital for Children and Women
Children's Diagnostic & Treatment Center
Palm Beach County Health Department
University of Florida College of Medicine
University of Florida Health Science Center
University of Miami School of Medicine
University of South Florida College of Medicine

GEORGIA

Emory University School of Medicine

ILLINOIS

Chicago Children's Memorial Hospital

LOUISIANA

Tulane University School of Medicine

MARYLAND

Johns Hopkins University

MASSACHUSETTS

Children's Hospital of Boston
University of Massachusetts Medical Center

MICHIGAN

Children's Hospital of Michigan

MISSOURI

Washington University School of Medicine

NEW JERSEY

New Jersey Children's Hospital

NEW YORK

Bronx Lebanon Hospital Center
Jacobi Medical Center
Children's Hospital at Albany Medical Center
Children's Hospital of Brooklyn
Columbia Presbyterian Medical Center
Cornell Medical Center / New York Hospital
Harlem Hospital Center
Metropolitan Hospital Center
Montefiore Medical Center
New York University Medical Center
North Shore University Hospital
SUNY Health Science Center at Stony Brook
SUNY Health Science Center at Syracuse
University of Rochester Medical Center

NORTH CAROLINA

Duke University Medical Center

OHIO

Columbus Children's Hospital

PENNSYLVANIA

Children's Hospital of Philadelphia

PUERTO RICO

Hospital Antiguo de Psiquiatria, San Piedras
Hospital Regional Caguas
Ponce University Hospital
University of Puerto Rico, Pediatric Hospital
Ramon Ruiz Arnau University Hospital
San Juan City Hospital / Puerto Rico Medical Center

SOUTH CAROLINA

Medical University of South Carolina
University of South Carolina School of Medicine

TENNESSEE

St. Jude Children's Research Hospital

TEXAS

Baylor Texas Children's Hospital
Children's Medical Center of Dallas
University of Texas Health Science Center - San Antonio

VIRGINIA

Medical College of Virginia

WASHINGTON

Children's Hospital and Medical Center of Seattle

INTERNATIONAL — sites

Bahamas	Italy
Belgium	Spain
Brazil	Sweden
England	Switzerland
France	Thailand
Germany	South Africa

For further information
on research sites:

Go to: <http://pactg.s-3.com/>

the Pediatric AIDS Clinical Trials Group

Preventing Mother-to-Infant HIV Transmission
Treating HIV-Positive Children and Adolescents
Adolescent Research Initiative
International Research

THE PEDIATRIC AIDS CLINICAL TRIALS GROUP

The Pediatric AIDS Clinical Trials Group (PACTG) is the world's preeminent organization devoted to HIV/AIDS research in pregnant women, infants, children and adolescents.

A Collaborative Network of the Nation's Leading Research Institutions, the PACTG is:

- improving strategies to prevent HIV transmission from mothers to their infants;
- finding better treatments for HIV-positive children, adolescents and pregnant women;
- evaluating the long-term safety of the antiretroviral therapies;
- helping to find a safe and effective vaccine for HIV, and
- establishing international partnerships for collaborative HIV/AIDS research.

The PACTG serves patient populations that have been traditionally underrepresented in research studies. A majority of the children, adolescents and women in PACTG studies are low-income people of color.

Two institutes at the National Institutes of Health jointly fund the PACTG: the National Institute of Allergy and Infectious Disease (NIAID) and the National Institute for Child Health and Human Development (NICHD).

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ACCOMPLISHMENTS AND FUTURE DIRECTIONS

Since 1986, the PACTG has carried out some of the most groundbreaking studies in the history of AIDS research.

Preventing Mother-to-Infant HIV Transmission

In 1994, a PACTG study demonstrated that treatment with the drug AZT could reduce the rate of HIV transmission from HIV-positive mothers to their infants. These research findings paved the way for a dramatic decline in the number of babies born with HIV: in the United States, pediatric AIDS cases resulting from mother-to-infant HIV transmission dropped 78% between 1994-1999.

The PACTG's follow-up studies have helped scientists to improve techniques to prevent mother-to-infant HIV transmission, and understand how combinations of anti-HIV drugs, such as protease inhibitors, affect pregnant women and their infants. Future PACTG research will continue to seek better, simpler and more cost-effective strategies to prevent transmission.

Treating HIV-Positive Children and Adolescents

The PACTG has helped to develop powerful new treatment strategies for HIV-positive children. As a result, thousands of children and adolescents are living longer and healthier lives.

In collaboration with the pharmaceutical industry, the PACTG has evaluated the safety and efficacy of medications to fight HIV and related infections, and evaluated how treatments for HIV should be combined. This research has provided the basis for FDA approval of new anti-HIV drugs for children and the development of clinical guidelines to help doctors treat HIV-positive children and adolescents.

Future PACTG studies will continue to evaluate new treatments for children and adolescents, determine how HIV medications should be used, and simplify treatment regimens. The PACTG will also expand its program to monitor HIV-infected children and adolescents to determine how well treatments are working and if they are causing long-term side effects. Finally, the PACTG will build upon its efforts to evaluate therapeutic vaccines and other tools to strengthen the immune systems of HIV-positive children and adolescents.

Adolescent Research Initiative

Young people under age 21 account for one in four new HIV infections each year, and increasing numbers of adolescents are being diagnosed with HIV across the country. Yet relatively little research has been done to determine how HIV specifically affects adolescents. For this reason, the PACTG established a pilot Adolescent Initiative in 1998. This initiative is helping to build a national infrastructure to develop and implement adolescent-specific HIV research.

Through the Adolescent Initiative, the PACTG plans to carry out important new studies on adolescent research priorities, such as strengthening the immune systems of HIV-positive adolescents, simplifying treatment regimens, and learning how puberty impacts the effectiveness of anti-HIV treatments. In conjunction with other research groups, the PACTG also plans to test a variety of HIV prevention strategies for youth, including behavioral modification, vaccines, and post-exposure treatment.

International Efforts

As the global HIV/AIDS epidemic continues to expand exponentially, the PACTG is committed to collaborating with other countries to find new and better ways to prevent and treat HIV. The PACTG works with researchers around the world to share research findings, combine resources, and prevent duplication of research efforts. Recently, the PACTG implemented a collaborative research study in seven European countries, the Bahamas and Brazil.

The PACTG is taking steps to greatly expand its international efforts, particularly in mid-developed countries. The PACTG has launched a pilot initiative to enable mid-developed countries to participate in collaborative research trials. The PACTG plans to provide clinical data, expertise and laboratory support to help local researchers design, implement, and analyze large-scale studies.