

More than **600,000** Americans and **12.5 million** newborns, children and adults worldwide battle Polycystic Kidney Disease (PKD) every day.

PKD is one of the most common life-threatening genetic diseases, affecting more people than Down syndrome, cystic fibrosis, muscular dystrophy, hemophilia, and sickle cell anemia – combined.

There is no treatment for PKD. And no cure. Until one is found, PKD will threaten the lives of every generation of every family living with the disease.

PKD equally affects men, women and children – regardless of age, race, geography or ethnic origin. It does not skip a generation.

The often-devastating disease comes in two hereditary forms:

Autosomal Dominant Polycystic Kidney Disease (ADPKD):

ADPKD is one of the most common life-threatening genetic diseases, affecting 1 in 500 worldwide. Parents with the dominant form of PKD have a **50 percent** chance of passing the disease on to each of their children.

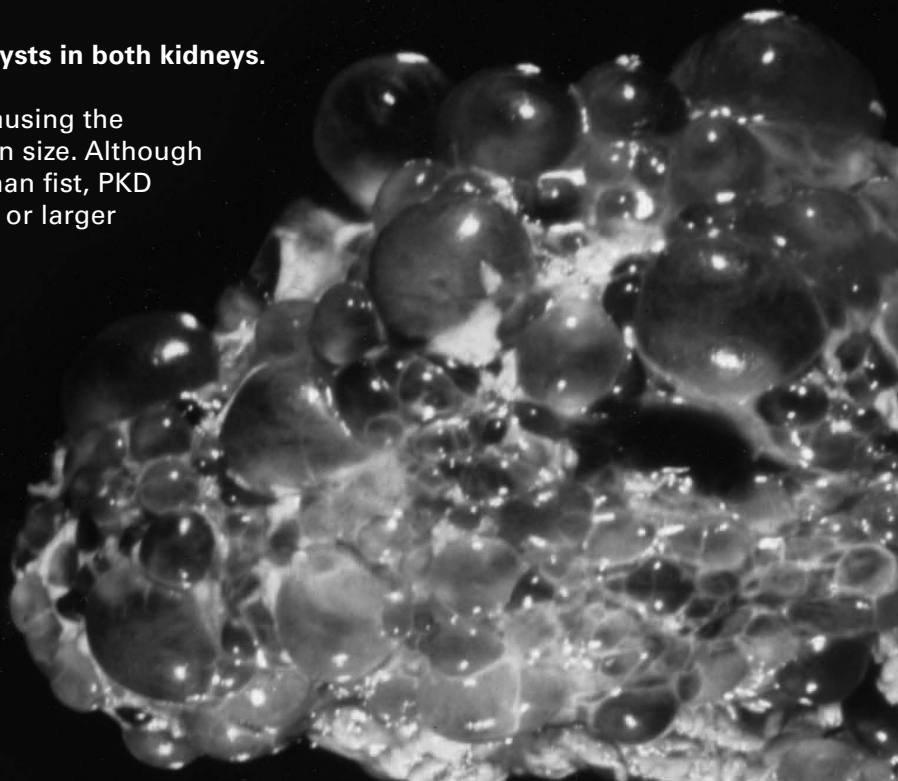
Autosomal Recessive Polycystic Kidney Disease (ARPKD):

ARPKD is a relatively rare form of PKD that affects 1 in 20,000 babies and often leads to death in the first month of life. Parents who carry the ARPKD gene have a **25 percent** chance of passing the disease on to each of their children.

Devastating Effects

Those who inherit PKD develop fluid-filled cysts in both kidneys.

Over time, these cysts grow and multiply, causing the kidney to increase sometimes dramatically in size. Although a normal kidney is roughly the size of a human fist, PKD kidneys can grow to be the size of a football or larger and weigh as much as 38 pounds each.



Common PKD Symptoms

- high blood pressure
- constant or intermittent pain in the back and side of the stomach
- blood in the urine
- kidney stones
- frequent urinary tract infections
- heart problems
- cerebral aneurysms

About 50 percent of people with PKD will develop kidney failure by the age of 50 and be forced to depend on dialysis or a transplant to live.

Fortunately there is hope.

Since 1982, the PKD Foundation has been building to this moment - this pivotal tipping point - when treatments for PKD are truly, finally, within reach. With the support of so many, the PKD Foundation has:

- Invested in critical PKD research leading to numerous clinical trials and exciting partnerships aimed at accelerating the drug development process;
- Lobbied the federal government for increased support of PKD research;
- Built an expansive and passionate volunteer network ; and
- Created national events, such as the Walk for PKD, raising awareness and millions of dollars for PKD.

Today, the PKD Foundation leads the fight against PKD through research, education, advocacy, support and awareness. Our goal is simple – to discover and deliver treatments and a cure for PKD. You can join our fight. You can help make a difference in the lives of 12.5 million people with PKD.

Learn More



1.800.PKD.CURE



www.pkdcure.org

PKD Foundation

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