

PRECISION MEDICINE IS A GAME CHANGER

CURE'S COMMITMENT TO CHANGE

While the exact causes of pediatric cancer still remain unclear, we do know that nearly 16,000 children in the U.S. under the age of 19 are diagnosed with cancer each year, and more than 3,200 do not survive. At CURE, we are driven by our mission to eliminate childhood cancer. Our resources are focused on supporting families and providing actionable hope through research to the 20 percent of children who don't respond to traditional treatment methods.


1 IN 5 CHILDREN
DIAGNOSED WITH
CANCER
DON'T SURVIVE.


A PATH TO CUSTOMIZED TREATMENT



Cancers are traditionally grouped and treated according to where they are found in the body. Today, scientists know that understanding which genetic mutations are in a tumor's profile is as important, if not more so, than where the tumor is located.



Through an emerging practice known as precision medicine, doctors can now use advanced tumor profiling techniques to precisely identify molecular abnormalities that drive a person's disease.



Precision medicine provides the physician and patient with access to valuable information about their unique genetic tumor profile. As a result, patients can be treated with drugs that target the specific genetic mutations in their tumors, regardless of where those tumors are found.



This approach has been successfully used in the treatment of adults and its application in pediatric cancer is emerging as an important research focus area.



CURE's significant investment in precision medicine provides children who are out of treatment options access to leading-edge therapies.

PRECISION MEDICINE

HOW DOES IT WORK?

All patients are treated with a standard protocol for their cancer type.

1



Those who don't respond to standard treatments undergo genetic testing on the cancerous tissue.

2



Individualized treatments bulls-eye the mutated cells identified through the genetic testing.

3



HOW CAN YOU HELP?

Precision medicine offers one of the best available opportunities to advance the fight against pediatric cancer. Support our efforts to continue championing precision medicine by visiting

CUREChildhoodCancer.org to make a donation!