

For more than five decades, the Children's Center for Cancer and Blood Diseases has been leading the fight against cancer and blood diseases through innovative clinical and research programs, academic excellence and global leadership. It is the largest pediatric hematology-oncology program of its kind in the western United States.

Each day, the Center takes on the most complex conditions. As a result, families come to Children's Hospital Los Angeles from all over the U.S. and the world. The Center sees more than 1,100 newly diagnosed patients each year. Together, the Day Hospital, Clinic and Urgent Care handle approximately 25,000 outpatient visits annually. The Center has adopted a service line approach to patient care, featuring a team that coordinates treatment for patients and families at all points of the patient care spectrum, from inpatient to outpatient and in the home, thus improving continuity of care.

The hematology-oncology facilities in the hospital's new inpatient tower, the Marion and John E. Anderson Pavilion, offer 62 beds for cancer, blood disease and bone marrow transplant patients, nearly all in private rooms. Each room is High Efficiency Particulate Air (HEPA)-filtered, and the Bone Marrow Transplant Unit includes two negative pressure isolation rooms for severely immune-compromised patients.

The Center is made up of three divisions:

- Hematology-Oncology Clinical Care and Clinical Research
- Bone Marrow Transplantation and Research Immunology
- Hematology-Oncology Basic and Translational Research

EXPERTISE

The Center's "bench-to-bedside" approach to medical problem-solving integrates scientific and clinical expertise—taking the best ideas from the laboratory to the patient in the form of promising new treatments. This partnership between clinicians and researchers enhances the excellent care that the Center provides for all of its patients.

SUPERIOR MEDICINE, SUPERIOR PEOPLE

As an international leader, the Children's Center for Cancer and Blood Diseases is:

- Ranked among the top 10 programs in the country by *U.S. News & World Report*
- Pediatric arm of the Norris Comprehensive Cancer Center at the University of Southern California, designated a Comprehensive Cancer Center by the National Cancer Institute
- Home to physician-scientists who are faculty of the Keck School of Medicine of the University of Southern California



CHILDREN'S CENTER FOR CANCER AND BLOOD DISEASES



The bone marrow transplants that brothers Ethan and Keane (pictured above) received saved them from HLH, a blood disorder that is fatal within the first two years of life if left untreated. Today, the twins are thriving little boys.

Atreyu (pictured below) has been treated at Children's Hospital since he was 6 weeks old for sickle cell disease.



CLINICAL PROGRAMS & SERVICES

Cancer remains the leading cause of death by disease in children ages 1 to 14 in the United States. This reality fuels the Center's endeavors. As the leading referral center in the West for the diagnosis and treatment of the full spectrum of childhood cancers, physicians and caregivers are working hard to prepare children for life as young adults. The Center's clinical program unites state-of-the-art diagnosis, treatment and psychosocial care with long-term management in a series of interdisciplinary programs. Patients are treated in collaboration with other nationally and internationally recognized pediatric subspecialists within Children's Hospital Los Angeles.

The Center's physicians take an interdisciplinary approach to the care of children with blood disorders, and continue to make advances in clinical management of blood diseases. The dedicated team of physicians, nurses, social workers and other caregivers provide patients and their families with expert assistance, counseling and education in health maintenance, nutrition and pain management.

The Center also provides ongoing support and education to children and families via a family-centered care approach through the HOPE (Hematology-Oncology Psychosocial and Education) Program.

RESEARCH & TEACHING

The Center's research program integrates laboratory and clinical expertise in the search for answers for children with cancer and blood diseases. Researchers explore the molecular underpinnings of disease to translate this knowledge into new tools for diagnosis and treatment. In a vigorous clinical research program, the Center participates in more than 121 active cancer, hematology, and stem cell transplant-related clinical trials. The Center is a member of the Children's Oncology Group, and faculty serve in major leadership roles in this international childhood cancer cooperative clinical trials group. The Center is the headquarters for three important clinical trials consortia: HeadStart, studying brain tumors in children, Therapeutic Advances in Childhood Leukemia and Lymphoma (TACL) and New Approaches to Neuroblastoma Therapy (NANT).



Stephanie, now cancer-free, underwent two years of chemotherapy to treat her acute lymphoblastic leukemia.

**Children's
Hospital
LOS ANGELES** 
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