

Cell Therapy and Bone Marrow Transplant Program

The Kinder Children's Cancer Center **Cell Therapy and Bone Marrow Transplant Program** at Texas Children's is part of one of the largest pediatric cancer and hematology centers in the country. Our experts treat patients from all 50 states and over 55 countries in our 25-bed inpatient transplant unit. With seven specialized clinics, our multidisciplinary team provides comprehensive care that evolves with each patient's needs, from diagnosis through long-term follow-up.

Program Highlights

- Multidisciplinary approach with world-leading subspecialty expertise
- In-house diagnostics and GMP-compliant cell therapy manufacturing facilities
- Seven specialized clinics focused on: Graft-Versus-Host Disease (GVHD), Hemoglobinopathies, Immune Disorders, Infectious Disease, BMT Long-Term Survivorship, Neurometabolic Disorders, Renal Complications
- Through tight integration with our Immunology Program, we provide continuous, collaborative care from both an immunologist and a transplanter—before, during and after transplant
- A diverse team—including a dedicated long-term survivorship clinic—that provides personalized, comprehensive care that evolves with each patient's needs
- Access to commercially available gene therapies for sickle cell disease, thalassemia and metabolic disorders

At a Glance

#1
Pediatric transplant program in the Southwestern U.S.

25
Beds in our inpatient transplant unit

140+
Bone marrow transplants and cell and gene therapy infusions

BEST CHILDREN'S HOSPITALS U.S.News & WORLD REPORT CANCER 2026-2027

Texas Children's

Cord Blood Transplant

- National leader in **cord blood transplants for non-malignant disorders** including immune deficiencies such as SCID, CGD, WAS, and PIRDs
- **Standard of care** for many patients without matched donors, especially those from underrepresented populations
- **91% two-year survival rate** in a landmark study using cord blood without serotherapy (*Martinez et al. 2023*) *PMID: 36453638*
- Use of innovative clinical protocols that replace serotherapy with fludarabine to reduce toxicity and improve immune recovery, while lowering GVHD and severe infections

Novel Therapies and Clinical Trials

Our team is dedicated to advancing transplantation, cell therapy, and gene therapy. Through in-house research and manufacturing, we're able to transition from lab to clinic and are leading the way in clinical trials **including studies in these areas:**

ALL | AML | Brain Tumors | Solid Tumors

For a list of all trials, scan the QR code or visit **texaschildrens.org/clintrials**

Referral Information

For providers, please visit **texaschildrens.org/refer** and select Cancer and Hematology Center from the dropdown menu and submit an online referral. For international patients, visit **texaschildrens.org/international** for additional information.

For more information about our program and team at Texas Children's, scan the QR code or visit: **texaschildrens.org/departments/cell-therapy-and-bone-marrow-transplant**



© 2026 Texas Children's Hospital. All rights reserved. KCCC-42107-26