

BLOOD AND MARROW TRANSPLANT PROGRAM



The Blood and Marrow Transplant Program at Children's Hospital of Philadelphia is a national leader in the field. Our program's highly experienced team members have extensive expertise in autologous and allogeneic transplant, and they work together to provide comprehensive care for each patient.

COMPREHENSIVE OFFERINGS

We have one of the highest volumes of pediatric blood and marrow transplant-eligible patients among BMT providers nationwide. We offer:

- Autologous transplants for children with neuroblastoma, brain tumors, lymphomas, and other types of cancers
- Allogeneic transplants utilizing alternative donor options such as unrelated donors and partially matched related donors
- Unique stem cell processing to reduce the risk of graft-versus-host disease
- Reduced intensity conditioning regimens for patients with sickle cell disease, thalassemia, bone marrow failure and immune deficiencies
- Joint BMT and Immunology Clinic
- ECP/Photopheresis for treatment of graft-versus-host disease

IMMEDIATE SUPPORT

Our program is designed to support families through each step of the transplant process, starting with quick entry into the program.

- Dedicated BMT Program Coordinators manage the time-sensitive care coordination of critically ill children.
- A BMT Insurance Specialist obtains insurance authorizations and approvals, and offers counseling regarding out-of-pocket financial obligations.

SAFETY AND QUALITY AT EVERY STEP

Our state-of-the-art facility offers all transplant services at a single location. This includes the inpatient unit, outpatient clinic, collection facility where we obtain the stem cells used in treatment, and a laboratory where those cells are prepared for the transplant. In addition, CHOP is one of the few pediatric blood and marrow transplant centers to have an immunogenetics (tissue typing) lab and a Good Manufacturing Process (GMP) stem cell processing laboratory, the highest standard in drug and biologic manufacturing in the eyes of the Food and Drug Administration.

FACILITIES DESIGNED WITH FAMILIES IN MIND

The BMT unit is equipped to support the complex care required for transplant patients, and is designed to make extended stays easier for the entire family.

The space includes:

- Patient rooms with natural light
- Space for caregivers to stay comfortably overnight in the child's room
- A dedicated playroom for children, teens and young adults
- A family lounge with kitchen and quiet space
- Sophisticated air filtration and circulation to help prevent infection and disease in patients who are immunocompromised

ACCREDITATIONS AND AFFILIATIONS

- Accredited by the Foundation for Accreditation of Cellular Therapy since 2000
- Largest pediatric transplant center in Pennsylvania, New Jersey or Delaware affiliated with the National Marrow Donor Program
- A Children's Oncology Group Transplant Center
- Member of the Center for International Blood and Marrow Transplant Research
- Pediatric Blood and Marrow Transplant Consortium
- Blood and Marrow Clinical Trials Network



SEARCHING FOR BETTER WAYS

Our team includes scientists who are dedicated to finding new ways to improve blood and marrow transplant. Research interests include:

- Graft engineering for unrelated donor transplants to minimize graft-versus-host disease
- Immunotherapy for leukemias
- Reduced-intensity conditioning for non-malignant disease transplants
- Innovative supportive care measures such as viral activated T cells

OUR TEAM. YOUR PARTNERS.

A team of professionals works together to manage every patient's needs from initial referral through the transplant hospitalization and follow-up care. Along with the staff listed below, the BMT care team includes radiation oncologists, nurses, nurse practitioners, social workers, transplant coordinators, an insurance specialist, nutritionists, physical and occupational therapists, and child life specialists.

Medical Director

Nancy Bunin, MD

Attending Physicians

David Barrett, MD, PhD

Amanda DiNofia, MD

Jason Freedman, MD, MSCE

Stephan Grupp, MD, PhD

Steven Joffe, MD, MPH

Timothy Olson, MD

Alix Seif, MD, MPH

David Teachey, MD

Lisa Wray, MD



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PARTNER WITH US

To refer a patient or request
a second opinion:

267-426-6298

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LEARN MORE

chop.edu/BMT