The Pediatric Bone Marrow Transplant and Cell Therapy Program offers novel treatments to patients with high-risk malignancies, immunological disorders and bone marrow failure syndromes that are not available anywhere else in this region. Our team is known for our highly patient-centric, holistic approach, leading to outstanding treatment outcomes.

Our program was the first in Florida to receive accreditation from the Foundation for the Accreditation of Hematopoietic Cell Therapy and received Foundation for the Accreditation of Cellular Therapy, or FACT, designation for the sixth consecutive accrediting period in 2015.

The Pediatric Blood and Marrow Transplantation Program, in collaboration with the UF Health Cancer Center, uses a multidisciplinary patient care approach that optimizes patient outcomes and satisfaction.

The Pediatric BMT program has successfully performed stem cell transplantation to treat a broad variety of malignant and benign hematologic disorders, including but not limited to:

- Acute leukemia, chronic leukemia and myelodysplastic syndromes
- Severe aplastic anemia
- Inherited bone marrow failure syndromes, including Fanconi anemia
- Hemoglobinopathies, including thalassemia and sickle cell disease
- Hemophagocytic lymphohistiocytosis
- Primary immunodeficiencies
- Inherited metabolic disorders
Our program has recently implemented haploidentical transplantation (from a parent or sibling) as a stem cell source for patients with leukemia and other malignant disorders who lack suitable matched donors. We have the capability of doing haploidentical BMTs with post-transplant cyclophosphamide and CD34 selection.

UF Health is the first site in Florida to offer “mini” transplantations. Such nonmyeloablative transplantations use less-intensive conditioning regimens and are an alternative for thousands of cancer patients either too old or too ill to withstand transplant using approaches that employ high doses of chemotherapy or radiotherapy.

**Additional facts about the UF Health Blood and Marrow Transplantation Program:**
- Accredited hematopoietic stem cell transplantation center with more than 2,000 transplants.
- Vast experience in stem cell collection, processing and cryopreservation.
- National Marrow Donor Program collection and transplantation center.
- Member of the Center for International Blood and Marrow Transplant Research.
- National Institutes of Health-funded programs in stem cell biology and regenerative medicine research.
- Special expertise in relapsed leukemia and lymphoma.
- Active participant in clinical research trials in the areas of cellular therapy (dendritic cell manufacturing) and novel graft manipulation approaches (alpha beta T-cell depletion for haplo BMTs).