

Pediatric Cancer and Blood Disorders

Unique pediatric program combines the strengths of two premier specialty centers.



Offering **innovative, novel options** to improve patient outcomes, enhance the quality of care, and maximize survivorship.

Learn more about our **current clinical trials** for pediatric patients.



What Sets Us Apart

- **Chimeric Antigen Receptor (CAR) T** and other cell therapies. We offer the latest cell therapy options for relapsed leukemia and lymphoma.
- **Transplant program** provides stem cell and marrow transplants to children of all ages for treatment of cancer, sickle cell disease and hematologic, immune and other nonmalignant disorders.
- **Early-phase clinical trials** to provide access to the latest novel agents.
- **Molecular tumor boards** to determine the very best targeted therapy off-label options for the patient, resulting in a 40% match rate.
- **Easy, prompt access.** We will see your patient within five days.



SEAMLESS Coordination of CARE

Young patients and their families benefit from nationally renowned experts, state-of-the-art facilities and the latest treatment innovations — including CAR T and other cell therapies, gene therapy, novel agents and more — without traveling away from home.

CONDITIONS WE TREAT

Pediatric cancers

- Brain and spinal cord tumors
- Leukemias
- Lymphomas
- Sarcomas
- Retinoblastoma
- Wilms tumor
- Neuroblastoma
- Germ cell tumors

Pediatric blood disorders

- Anemias
- Sickle cell disease
- Thalassemia
- Thrombosis and other clotting disorders
- Hemophilia and other bleeding disorders
- Von Willebrand disease
- Idiopathic thrombocytopenic purpura (ITP)
- Vascular anomalies
- Other hemoglobinopathies



Our **FAMILY-CENTERED** Care

Our patients have access to the clinical and support services of both centers. In general, surgery and inpatient care including stem cell transplants take place at Oishei Children's Hospital; and outpatient chemotherapy and infusions, radiotherapy and radiosurgery take place at Roswell Park. We also collaborate with the Hemophilia Center of Western New York for patients with more severe bleeding and thrombotic conditions.

AT JOHN R. OISHEI CHILDREN'S HOSPITAL Ralph C. Wilson, Jr Pediatric Hematology/Oncology Suite

- **Inpatient oncology and hematology unit** offers full environmental protection for our patients, providing these severely immune-compromised children with the safest infrastructure for care.
- **Children have full access to their unit's hallways and playroom**, important to maintain psychosocial and physical health, rather than confined to their own room.
- **Pediatric surgical units** are uniquely designed for the youngest patients.
- **Advanced imaging and testing** with support by pediatric staff.
- **Full array of pediatric subspecialty services** including critical care expertise are available on site.
- **Specialized multidisciplinary pediatric programs** including Brain Tumor and Neurofibromatosis programs.

AT ROSWELL PARK COMPREHENSIVE CANCER CENTER Katherine, Anne & Donna Gioia Pediatric Hematology Oncology Center

- **Pediatric outpatient center** with all ambulatory services for childhood cancer and blood disorders in one centralized location.
- **Gamma Knife radiosurgery and conventional radiation therapy.** Roswell Park is the only regional provider performing cranial radiosurgery with Gamma Knife.
- **Transplant & Cellular Therapy Center** maintains FACT accreditation and is recognized as a Center of Excellence for transplant and CAR T-cell therapies by payers.
- **Specialized multidisciplinary pediatric programs**, including Sickle Cell and Thalassemia, Thrombosis Clinic, and Pediatric Cancer Risk Program.
- **Clinical Trials** provide access to innovative therapies through our expanding portfolio of trials specifically for pediatric patients.
- **Covered access to the center** from the parking ramp via an all-weather bridge connector.

SUPPORT Services



Pediatric, Adolescent and Young Adult Survivorship Program to manage health conditions related to hormone, cardiac, low bone density and thyroid issues; address ongoing or late effects of treatment, such as anxiety or fertility concerns; provide social support, guidance and legal and financial assistance; and to aim for a higher level of lifelong wellness.

Integrative Medicine program for young patients and their families to ease the impact of cancer treatment. Modalities include acupuncture, acupressure, massage therapy, reflexology, aromatherapy and mind-body therapy.

Pediatric Psychology, Social Work and Child Life Specialists dedicated to the outpatient and inpatient pediatric cancer and blood disorders centers.

Creative Arts programs to reduce stress and anxiety and improve well-being.

Courage of Carly Fund (Roswell Park) and Stone's Buddies (OCH) provide support, events and outings for families with a child facing cancer or other chronic, life-threatening illness.



Meet the Team

Our physicians are academic teaching faculty of the Jacobs School of Medicine and Biomedical Sciences of the University at Buffalo. Our physicians are also members of UBMD Pediatrics, one of 18 practice plans that make up UB Physicians' Group, the single largest medical group in WNY, or members of the Roswell Park Comprehensive Cancer Center faculty practice plan, and are board certified in pediatric hematology/oncology.

Hematology (non-malignant)



Steven Ambrusko, MD, MS



Matthew Barth, MD



Lauren Bruckner, MD, PhD



Katie Carlberg, MD



Meghan Higman, MD, PhD



Kanwaldeep Malhi, MD



Denise Rokitka, MD, MPH



Beverly Schaefer, MD

Brain Tumors



Matthew Barth, MD

Pediatric Cancer Genetics



Kenan Onel, MD, PhD

Leukemia and Lymphoma



Matthew Barth, MD



Meghan Higman, MD, PhD



Kara Kelly, MD



Kanwaldeep Malhi, MD

Solid Tumors



Ajay Gupta, MD, MS



Denise Rokitka, MD, MPH



Clare Twist, MD, MS

Transplant & Cellular Therapy



Matthew Barth, MD



Lauren Bruckner, MD, PhD



Nataliya Buxbaum, MD



Meghan Higman, MD, PhD



Kanwaldeep Malhi, MD

About Us

We are a New York State Hemoglobinopathy Newborn Screening Program referral center. We are a FACT-accredited blood and marrow transplantation program.

fact FOUNDATION FOR THE ACCREDITATION OF CELLULAR THERAPY
AT THE UNIVERSITY OF NEBRASKA MEDICAL CENTER



CANCER AND BLOOD DISORDERS PROGRAM

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National Cancer Institute-Designated Comprehensive Cancer Center | National Comprehensive Cancer Network Member
Blue Distinction® Center for Cellular Immunotherapy - CAR-T | Blue Distinction® Center for Cancer Care | Blue Distinction® Center for Transplants

NCI Comprehensive Cancer Center

A Cancer Center Designated by the National Cancer Institute