Comprehensive cancer care with a multidisciplinary approach

Blood Cancers and Nonmalignant Disorders

The University of Kansas Cancer Center provides patients with innovative and lifesaving treatment and transplant therapies for leukemia, lymphoma, myeloma and other blood diseases.
Our nationally recognized Blood and Marrow Transplant program provides highly personalized treatment options for patients with malignant and nonmalignant blood disorders.

Your care team may include:
- BMT-trained hematologists/oncologists
- Radiation oncologists
- Hematopathologists
- Surgical oncologists
- Genetic counselors
- Rehabilitation medicine specialists
- Nutritionists
- Palliative care experts
- Nurse navigator

At The University of Kansas Cancer Center, we take an aggressive approach to cancer diagnosis and treatment. We develop a personalized treatment plan for each patient as unique to them as their fingerprint. Our patients receive the latest evidence-based therapies that provide the greatest opportunity for positive outcomes.

**Our dedicated team of physicians offers exceptional comprehensive care:**
- First BMT center in the world to offer an immunotherapy trial using the patient’s own immune system to treat diffuse large B-cell lymphoma
- Region’s largest BMT and acute leukemia program and one of the largest photopheresis programs in the nation
- Successfully performed more than 3,000 transplants, more than any other BMT center in the region
- Offers the widest range of treatment options, including photopheresis and novel clinical trials
- Hematology/oncology-trained nurse navigators to assist BMT patients
Seeking consultation and second opinion

Consultation with a transplant center early in the course of disease helps ensure that if a transplant is indicated, it is performed at an optimal time for the patient. We provide guidelines for timing of transplant consultation that specify which patients are at risk for disease progression and who should be referred for hematopoietic cell transplant. In addition, patients may want to consider a second opinion to ask questions about their diagnosis, explore treatment options and possibly prevent unnecessary treatment or surgery. Our BMT physicians work collaboratively with a patient’s local physician to ensure ongoing care and monitoring long after treatment has ended.

Improving the future of BMT care

As an NCI-designated Cancer Center, we offer a greater number and range of clinical trials designed to identify safer and more effective approaches to the prevention, detection, diagnosis and treatment of blood disorders. We were the first BMT center in the world to offer an immunotherapy trial using the patient’s own immune system to treat diffuse large B-cell lymphoma.

Advanced transplant procedures

Our highly trained specialists perform a variety of BMT procedures. The type of transplant each patient receives is determined by diagnosis, disease stage, overall health and age. Transplant types include:

- Autologous – The patient’s own harvested cells are placed back into the body after treatment.
- Allogeneic – Cells from a donor are transplanted to the patient after treatment.
  - Matched related and unrelated donor
  - Mismatched related and unrelated donor
  - Cord blood and haploidentical
  - Reduced intensity and nonmyeloablative
- Syngeneic – Donor and recipient are identical twins.

Conditions treated

Transplant is indicated for malignant and nonmalignant disorders including:

- Acute and chronic leukemia
- Bone marrow failure syndromes
- Hodgkin and non-Hodgkin lymphoma
- Inherited immune and autoimmune disorders
- Multiple myeloma
- Myelodysplastic syndromes
- Myeloproliferative disorders
- Testicular/germ cell tumors

Innovative advancements

Established in 1977, our BMT program is one of the largest transplant programs in the country. We have one of the largest acute leukemia programs in the nation and our outcomes are second to none. We have experienced consistent growth and successfully completed more than 3,000 transplants. Patients receive access to the widest possible array of treatment options, including novel clinical trials. Through the National Marrow Donor Program, we help find matches for patients who do not have a suitable bone marrow or stem cell donor in the family.

Compassionate care

BMT patients are not alone in their treatment experience. Expertly trained nurse navigators and a dedicated BMT support team work exclusively with BMT patients to assist them every step of the way. They guide patients through appointments, gather medical records and orders for tests, schedule treatments and answer questions. They are available to the patient and family throughout treatment and beyond to answer questions and address concerns.

Comprehensive support services

Leading-edge techniques minimize patient admission to the hospital whenever possible. Trained BMT nurses and support staff help with every aspect of the transplant experience, including financial counseling, nutrition, exercise and managing the physical and psychological side effects of the disease. All BMT patients are treated in a safe and private environment.

For a comprehensive list of our support services, visit kucancercenter.org/support.

I consider myself lucky, the way everything fell into place so I was able to be part of a clinical trial. I’ve always valued research and the idea of being part of something that can help people down the road. Coming to The University of Kansas Cancer Center really opened doors.

Anne Holzbeierlein,
Acute myeloid leukemia survivor
Nationally recognized for quality

**NCI-designated Cancer Center**
As one of only 69 NCI-designated Cancer Centers, The University of Kansas Cancer Center has achieved the highest standards in cancer care and research. Promising cancer research leads to improved care and treatment. In fact, NCI-designated centers show 25 percent better outcomes than other centers.

**U.S. News & World Report’s Best Hospitals**
*U.S. News & World Report* named The University of Kansas Hospital as one of the nation’s best hospitals in 11 of 12 medical and surgical specialties, including cancer. The hospital also ranked No. 1 in Kansas City and in Kansas.

**PRISM Award for BMT nursing care**
The BMT inpatient program received the first-ever PRISM Award from the Academy of Medical-Surgical Nurses and the Medical-Surgical Nursing Certification Board for providing exceptional nursing practice, leadership and outcomes.

**Committed to the highest quality care**
The American Society of Clinical Oncology’s Quality Oncology Practice Initiative recognizes medical oncology and hematology/oncology practices that deliver the highest quality care and are committed to continuous quality improvement.

**Why go anywhere else?**
With multiple locations to serve you, The University of Kansas Cancer Center offers world-class cancer care close to home. To make an appointment, schedule a second opinion or speak with a nurse navigator, call 913-588-1227 or toll-free 844-323-1227.

To refer a patient or consult with a physician, call 913-588-5862 or toll-free 877-588-5862.

Learn more at kucancercenter.org/bmt. For a list of cancer center locations and additional information, visit kucancercenter.org.