

Ready to start planning your care? Call us at [646-926-0945](tel:646-926-0945) to make an appointment.

X



Memorial Sloan Kettering
Cancer Center

[Make an Appointment](#)
[Back](#)

[About MSK](#) [Treatment](#) [Treatment for Leukemia](#) [Treatment for CLL](#)
[Learn About Cancer & Treatment](#)

ABOUT US

[Our mission, vision & core values](#)

[Leadership](#)

[History](#)

[Inclusion & belonging](#)

[Annual report](#)

[Give to MSK](#)

[FOR THE MEDIA](#)
watched or monitored. We come up with a plan to monitor the disease as well as discuss when it's time to consider therapy for CLL.

Current treatments help with the symptoms of CLL. They work by bringing on remission (when no evidence of cancer is visible) or slowing the disease's growth. When treatment is needed, MSK doctors will tailor a care plan based on the stage and symptoms of the disease, the genetic and other markers found in the cancer, and other factors, like overall health.

Our team members have expertise and access to currently approved treatments. These include targeted drugs, antibodies, and chemotherapy combinations. We are leaders in CLL research. A number of clinical trials may be available at one of our [locations](#) in New York City, New Jersey, and Westchester or on Long Island.

New Patient Appointments

Call [646-497-9154](tel:646-497-9154)

We're available 24 hours a day, 7 days a week

[Make an Appointment](#)

Other treatment options may include:

Radiation Therapy for CLL

Occasionally, MSK doctors may use localized [radiation therapy](#). In this treatment, high-energy rays destroy cancer cells. Radiation can be used to control the symptoms of CLL in people who have enlarged lymph nodes or an enlarged spleen.

Stem Cell Transplant for CLL

Stem cell transplantation is not needed for the vast majority of people with CLL. Sometimes, though, it is the only potential cure. People who have CLL that has resisted other treatments may need a stem cell transplant.

Learn more about [blood and marrow stem cell transplantation](#).

Investigational Approaches

Our researchers are constantly looking for new ways to treat CLL. These approaches might kill tumor cells directly, stop the body from producing substances that help the cancer grow, or improve the immune response against leukemia cells. See an up-to-date [listing of our clinical trials in CLL](#).

Immunotherapy

[Immunotherapy](#) has produced very encouraging results in people with certain types of leukemia. Our researchers are pioneers in this field. We engineer T cells, a form of white blood cell, that can recognize and attack cancer cells. This is called chimeric antigen receptor (CAR) T cell therapy.

[Learn more about how CAR T cell therapy works.](#)

New Therapeutic Drugs

Our researchers have conducted clinical trials to test groundbreaking targeted therapies for CLL. These include ibrutinib (Imbruvica®), venetoclax (Venclexta®), and idelalisib (Zydelig®). These drugs are highly effective in people with CLL that has been resistant to or has come back after standard treatments. The new medications may have fewer side effects than conventional chemotherapy.

Ongoing Care

People with CLL are likely to have regular visits with their doctor, who will monitor the disease and determine if it is growing. These check-ups may include a physical exam, blood tests, bone marrow aspirates, biopsies, and radiographic studies.

© 2026 Memorial Sloan Kettering Cancer Center