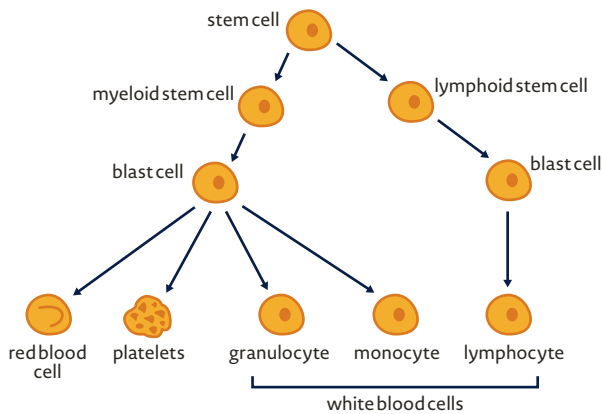


CHRONIC LYMPHOCYTIC LEUKEMIA (CLL)

Chronic lymphocytic leukemia (CLL) is a cancer that starts in blood stem cells. As stem cells develop, they become blast cells (immature blood cells). In leukemia, there is an overproduction of blast cells, which over time, crowd out normal blood cells so that they can't do their jobs.¹

DEVELOPMENT OF BLOOD CELLS¹



LYMPHOCYTIC LEUKEMIAS develop from abnormal lymphoid stem cells. Lymphoid stem cells normally develop into lymphocytes, found in blood and the lymphatic system.

WHO IS AFFECTED BY CLL?^{2,4}


2,465
CANADIANS
 are diagnosed
 each year

More common in
MEN than **WOMEN**



Occurs mainly
 in people over



Average age of
 diagnosis is early-70s

SIGNS + SYMPTOMS³

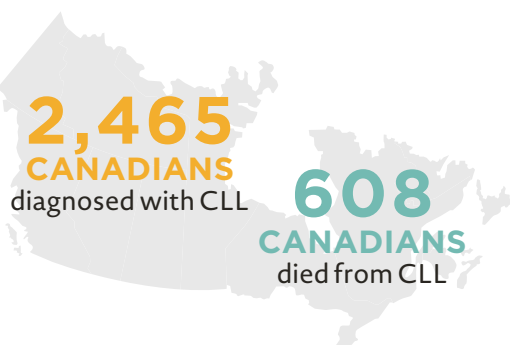
Chronic leukemia often causes few or no symptoms at all.

**SIGNS AND SYMPTOMS USUALLY
 DEVELOP GRADUALLY OVER TIME.**



The disease is often found during a routine blood test.

CLL IN CANADA (2013)⁴



1,495 men diagnosed
396 men died



965 women diagnosed
212 women died

RELAPSED VS. REFRACTORY CLL⁵



**RELAPSED, OR
 RECURRENT, CLL:**

Cancer has come back after
 treatment and remission



**REFRACTORY
 DISEASE:**

Leukemia did not respond
 to treatment

References

1. Canadian Cancer Society. What is Chronic Lymphocytic Leukemia? <http://www.cancer.ca/en/cancer-information/cancer-type/leukemia-chronic-lymphocytic-cll/chronic-lymphocytic-leukemia/?region=on>
2. Lymphoma Canada. About CLL & SLL. <http://www.lymphoma.ca/lymphoma/cll-sll/about-cll-sll>
3. Canadian Cancer Society. Symptoms of Leukemia. <http://www.cancer.ca/en/cancer-information/cancer-type/leukemia-chronic-lymphocytic-cll/signs-and-symptoms/?region=on>
4. Canadian Cancer Society. Chronic Lymphocytic Leukemia Statistics. <http://www.cancer.ca/en/cancer-information/cancer-type/leukemia-chronic-lymphocytic-cll/statistics/?region=on>
5. Canadian Cancer Society. Treatments for relapsed or refractory chronic lymphocytic leukemia. <http://www.cancer.ca/en/cancer-information/cancer-type/leukemia-chronic-lymphocytic-cll/treatment/relapsed-or-refractory/?region=on>

abbvie