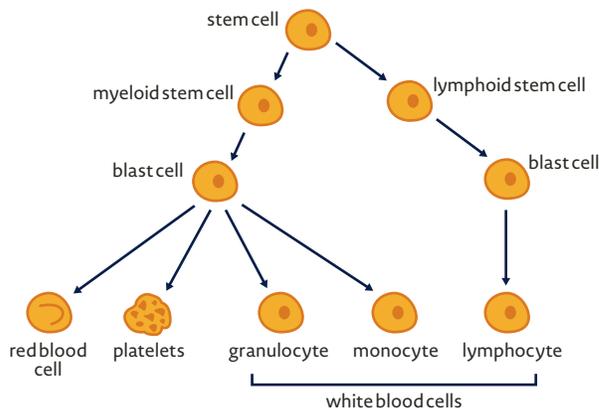


# CHRONIC LYMPHOCYtic LEUKEMIA (CLL)

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.<sup>1</sup>

## DEVELOPMENT OF BLOOD CELLS<sup>1</sup>



**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?<sup>2,4</sup>

  
**2,465**  
**CANADIANS**  
 are diagnosed  
 each year

More common in  
**MEN** than **WOMEN**



Occurs mainly  
 in people over

  
**60**  
**YEARS**

Average age of  
 diagnosis is early-70s

## SIGNS + SYMPTOMS<sup>3</sup>

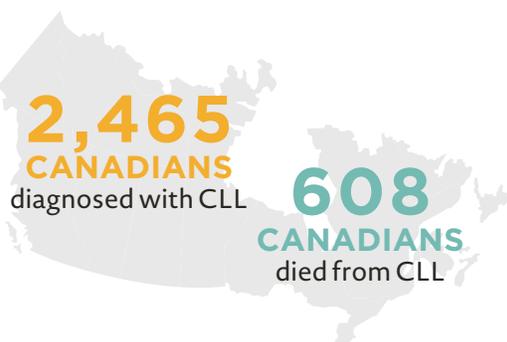
Chronic leukemia often causes few or no symptoms at all.

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



The disease is often found during a routine blood test.

## CLL IN CANADA (2013)<sup>4</sup>



**1,495** men diagnosed  
**396** men died



**965** women diagnosed  
**212** women died

## RELAPSED VS. REFRACTORY CLL<sup>5</sup>



**RELAPSED, OR  
 RECURRENT, CLL:**

Cancer has come back after  
 treatment and remission



**REFRACTORY  
 DISEASE:**

Leukemia did not respond  
 to treatment

### References

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2. Lymphoma Canada. About CLL & SLL. <http://www.lymphoma.ca/lymphoma/cll-sll/about-cll-sll>
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