

# Lymphoma

Lymphoma is a group of blood cancers that develop in the lymphatic system, which is designed to help rid the body of toxins, waste and other unwanted materials.

## What is Lymphoma?

Lymphoma is a cancer that starts in white blood cells called lymphocytes. There are two main types of lymphoma:



**Hodgkin Lymphoma**  
Classified by the presence of abnormal cells called Reed-Sternberg cells



**Non-Hodgkin Lymphoma**  
Reed-Sternberg cells are not present

The major sites of lymph tissue are:

Lymph nodes

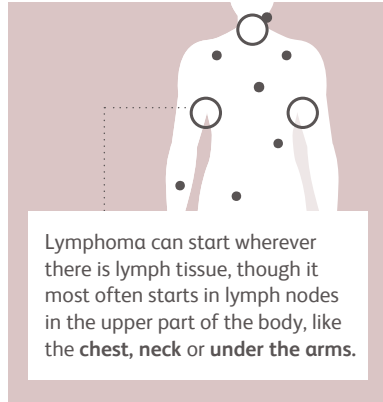
Spleen

Bone marrow

Thymus

Adenoids and tonsils

Digestive tract



## Global Incidence

918,872+

Almost one million new cases of lymphoma are expected to occur globally in 2040.

7x

Non-Hodgkin lymphoma is more common than Hodgkin lymphoma. It's expected there will be more than **7 times** as many new cases of NHL than HL by 2040.

Non-Hodgkin Lymphoma

813,024

New cases expected in 2040

Hodgkin Lymphoma

105,848

New cases expected in 2040

SOURCE: GLOBOCAN 2018

## Risk Factors

Lymphoma is generally more common in:



Men



Developed countries



People with weakened immune systems

**Hodgkin Lymphoma can be more common in:**

People who have had infectious mononucleosis

People in early adulthood (20s) and late adulthood (55+)

People with siblings who have had HL

**Non-Hodgkin Lymphoma can be more common in:**

Older people (60+)

People exposed to radiation or certain chemicals

## Signs & Symptoms

Symptoms of lymphoma may include:



Enlarged lymph nodes



Itchy skin



Loss of appetite



Chest pain or trouble breathing

Non-specific symptoms, also known as B symptoms, may include:



Unexplained weight loss



Fever



Night sweats

## Treatment Options

A patient's treatment options are largely dependent on the type and stage of the lymphoma. Treatment options for lymphoma may include:



Chemotherapy



Radiation



Stem cell transplant



Targeted therapy



Immunotherapy

**It is important** for people with lymphoma to understand the symptoms of their disease and to talk to a healthcare professional about appropriate treatment options.