



LYMPHOPROLIFERATIVE DISORDER (LPD) AWARENESS (NHL, HL, CLL & OTHERS)

UNDERSTANDING #CLL

DID YOU KNOW?

- Chronic Lymphocytic Leukemia (CLL) is part of a group called a lymphoproliferative disorder.
- Lymphoproliferative disorder is a group of very diverse cancers of the lymphoid system.
- These include low grade conditions such as **chronic lymphocytic lymphoma**, **follicular lymphoma** as well as very aggressive disease including **acute lymphoblastic leukemia (ALL)** and **Burkitt's lymphoma**.
- These conditions occur when the lymphoid cells in the body play a critical role in our immune system. Lymphoid cells include B-cells which make antibodies to fight infections as well as T-cells, natural killer cells (NK), and histocytes, all of which directly attack infections and other incursions on the body. These cells are found in the lymph gland, the bone marrow, the spleen as well as in the blood stream.

RISK FACTORS FOR LYMPHOPROLIFERATIVE DISORDER (LPD)

In most cases we do not know the cause of this disorder but occasionally virus may play a role. these include:

- **HIV** which suppresses T-cells and allows these cells to over grow.
- **Epstein-Barr virus** which commonly causes glandular fever but is associated with the development of certain lymphoma including Burkitt's lymphoma and Hodgkin lymphoma.
- **Access exposure to radiation** may damage the immune system, including the bone marrow and may play a role in the development of aggressive lymphoma and leukemia.
- **Suppression of the immune system by medicines** used to treat immunological disorders such as rheumatoid arthritis as well as prevent rejection of transplanted organs such as kidneys, may also lead to the development of lymphoma.

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MORE?

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#FACTS ABOUT CHRONIC LYMPHOCYTIC LEUKEMIA

TREATMENTS

There are now new options available for chemotherapy-free treatment which have excellent outcomes that are very easy to use with limited side effects. CLL treatment include Targeted Therapies and Monoclonal Antibodies.

Treatment is very diverse depending on which type of disorder you have; the details should be discussed with your doctor. These diseases range from slow-growing disease to very aggressive fast-growing disease. As a result, treatment will differ depending on the specific diagnosis.

Patients with slow-growing disease may not require any treatment but should be regularly evaluated by the doctor.

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