

Difference Between Hodgkin And Non Hodgkin Lymphoma

In 1984, the first prognostic indicator for advanced non-Hodgkin lymphoma was developed. An information theory guided, computer search and evaluation procedure entropy minimax was employed to discover the largest sub-groupings for which survival is as extreme as possible. In the clinical trials analyzed retrospectively and containing a large fraction of patients not matching the 'good' - of 'good' (Karnofsky status >80 and 'A' Symptoms and SGOT <36 U/L), 'poor' (Karnofsky status <70 or Night sweats) and 'intermediate' (All Remaining) prognosis patterns identified, a significant difference was found between the survival of patients with and those without a complete response to therapy. The authors concluded that trials using a patient mix weighted toward good prognosis will... 3465858ec6 PCNSLO is usually bilateral, but sometimes grows unevenly. Like other metastatic tumors of the eye, it is usually confined to the choroid. 3465858ec6 The signs and symptoms of non-Hodgkin lymphoma vary depending upon its location within the body. Symptoms include enlarged lymph nodes, fever, night sweats, weight loss, and tiredness. Other symptoms may include bone pain, chest pain, or itchiness. Some forms are slow growing, while others are fast growing. Enlarged lymph nodes may cause lumps to be felt under the skin when they are close to the surface of the body. Lymphomas in the skin may also result in lumps, which are commonly itchy, red, or purple. Lymphomas in the brain can cause weakness, seizures, problems with thinking,

and personality changes. == Signs and symptoms ==

Nodular lymphocyte predominant Hodgkin lymphoma Nodular lymphocyte predominant Hodgkin lymphoma (NLPHL) is a slow-growing CD20 positive form of Hodgkin lymphoma, a cancer of the immune system's B cells Nodular lymphocyte predominant Hodgkin lymphoma (NLPHL) is a slow-growing CD20 positive form of Hodgkin lymphoma, a cancer of the immune system's B cells

Indolent lymphoma Symptoms can include swollen but painless lymph nodes, unexplained fever, and unintended weight loss. Indolent lymphoma, also known as low-grade lymphoma, is a group of slow-growing non-Hodgkin lymphomas (NHLs). Because they spread slowly, they tend to Indolent lymphoma, also known as low-grade lymphoma, is a group of slow-growing non-Hodgkin lymphomas (NHLs). Because they spread slowly, they tend to have fewer signs and symptoms when first diagnosed and may not require immediate treatment

The prognosis and treatment of T-cell lymphoma can vary drastically based on the specific type of lymphoma and its growth patterns. Due to their rarity and high variability between the different subtypes, the prognosis of T-cell lymphoma is significantly worse than other Non-Hodgkin lymphoma. The treatment of T-cell lymphoma is often similar to other Non-Hodgkin lymphomas with early-stage treatments consisting of chemotherapy and/or radiotherapy. The effectiveness of these treatments is often varied between subtypes with most receiving a...

Orbital lymphoma Orbital lymphoma can be diagnosed via a biopsy of the eye and is usually treated with radiotherapy or in combination with

chemotherapy. Orbital lymphoma is a common type of non-Hodgkin lymphoma that occurs near or on the eye. Common symptoms include decreased vision and uveitis. Orbital lymphoma is a common type of non-Hodgkin lymphoma that occurs near or on the eye. Common symptoms include decreased vision and uveitis

In the US and Europe, this disease is the second most common form of non-Hodgkin's lymphomas, exceeded only by diffuse large B-cell lymphoma. FL accounts for 10–20% of non-Hodgkin's lymphomas, and ~15,000 new cases of follicular lymphoma are diagnosed each year in the US and Europe. Recent studies indicate that FL is similarly prevalent in Japan.

History

There are small but clear differences in prognosis between the various forms. Lymphocyte predominant HL is an uncommon subtype composed of vague nodules of numerous reactive lymphocytes admixed with large popcorn-shaped RSC. Unlike classic RSC, the non-classic popcorn-shaped RS cells of NLPHL are CD15 and CD30 negative while positive for the B cell marker CD20. The anti-CD20 monoclonal antibody Rituximab has been used in lymphocyte predominant Hodgkin lymphoma with encouraging results.

Hodgkin lymphoma may be treated with chemotherapy, radiation therapy, and stem-cell transplantation. The choice of treatment often depends on...

Follicular lymphoma These cells normally occupy the follicles (nodular swirls of various types of lymphocytes) in the germinal centers of lymphoid tissues such as lymph nodes. This cancer is a form of Non-Hodgkin Lymphoma and it originates from the uncontrolled division of specific types of B-cells (centrocytes and centroblasts). The cancerous cells in FL typically form follicular or follicle-like structures (see adjacent Figure) in the tissues they

invade. This cancer is a form of Non-Hodgkin Lymphoma and it Follicular lymphoma (FL) is a cancer that involves certain types of white blood cells known as lymphocytes. Follicular lymphoma (FL) is a cancer that involves certain types of white blood cells known as lymphocytes. These structures are usually the dominant histological feature of this cancer 3465858ec6

There are several subtypes, the most common of which is follicular lymphoma. Others include cutaneous T-cell lymphoma, marginal zone lymphoma, chronic lymphocytic leukemia, and Waldenström macroglobulinemia. 3465858ec6 Lennert lymphoma is now regarded as one form of the peripheral T-cell lymphomas. The World Health Organization (2016) classified these peripheral T-cell lymphomas into more than 25 different subtypes such as the anaplastic large-cell lymphoma (including its ALK+ and ALK- subtypes), angioimmunoblastic T-cell lymphoma, and peripheral T-cell lymphoma not otherwise specified. Peripheral T-cell lymphomas not otherwise specified include Lennert Lymphoma as well as several other lymphoma subtypes. However, the criteria used for diagnosing Lennert lymphomas has varied between different studies. That is, Lennert lymphoma has been defined using different microscopic histologies... 3465858ec6 NLPHL is an uncommon sub-type of Hodgkin lymphoma, making up 5–10% of Hodgkin lymphomas. It is distinguished from classic Hodgkin lymphoma by the presence of CD20 positive lymphocyte predominant cells, also known as popcorn cells due to their polylobated nuclei, which look like popcorn. 3465858ec6 The two major types of Hodgkin lymphoma are classical Hodgkin lymphoma and nodular lymphocyte-predominant Hodgkin lymphoma. About half of cases of Hodgkin lymphoma are due to Epstein-Barr virus (EBV) and these are generally the classic form. Other risk factors include a family history of the condition and

having HIV/AIDS. Diagnosis is conducted by confirming the presence of cancer and identifying Reed–Sternberg cells in lymph node biopsies. The virus-positive cases are classified as a form of the Epstein–Barr virus-associated lymphoproliferative diseases. BCL6 gene rearrangements have been frequently observed.

International Prognostic Index Previous to IPI's development, the primary consideration in assessing The International Prognostic Index (IPI) is a clinical tool developed by oncologists to aid in predicting the prognosis of patients with aggressive non-Hodgkin lymphoma. Previous to IPI's development, the primary consideration in assessing prognosis was the Ann Arbor stage alone, but this was increasingly found to be an inadequate means of predicting survival outcomes, and so other factors were studied. oncologists to aid in predicting the prognosis of patients with aggressive non-Hodgkin lymphoma

The two main categories of lymphomas are the non-Hodgkin lymphoma (NHL) (90% of cases) and Hodgkin lymphoma (HL) (10%). Lymphomas, leukemias and myelomas are a part of the broader group of tumors of the hematopoietic and lymphoid tissues.

T-cell lymphoma Lymphoma arises mainly from the uncontrolled proliferation of lymphocytes, such as T-cells, and can become cancerous. T-cells, and can become cancerous. T-cell lymphoma is categorized under Non-Hodgkin lymphoma (NHL) and represents less than 15% of all Non-Hodgkin's diseases T-cell lymphoma is a rare form of cancerous lymphoma affecting T-cells

PCNSLO is common in people who are severely immunosuppressed. Risk factors for Hodgkin lymphoma include infection with Epstein–Barr virus and a history of the disease in

the family. Risk factors for common types of non-Hodgkin lymphomas include autoimmune diseases, HIV/AIDS, infection with human T-lymphotropic virus, immunosuppressant medications, and some pesticides. Eating large amounts of red meat and tobacco smoking may also increase the risk. Diagnosis, if enlarged lymph nodes are present, is usually by lymph node biopsy. Blood, urine, and bone marrow testing may also be useful in the diagnosis... 3465858ec6 == Signs and symptoms == 3465858ec6 T-cell lymphoma is categorized under Non-Hodgkin lymphoma (NHL) and represents less than 15% of all Non-Hodgkin's diseases in the category. T-cell lymphomas are often categorised based on their growth patterns as either aggressive (fast-growing) or indolent (slow-growing). Although the cause of T-cell lymphoma is not definitive, it has been associated with various risk factors and viruses such as Epstein-Barr virus (EBV) and human T-cell leukemia virus-1 (HTLV1). 3465858ec6 Indolent lymphoma is usually considered incurable without the use of allogeneic stem cell transplantation, unless the disease is localised. However, due to its slow-growing nature and response to treatment, patients often have prolonged survival. 3465858ec6 Indolent lymphoma accounts for 41 percent of all non-Hodgkin lymphoma cases in North America and Northern Europe. It mainly affects older adults, and affects men and women almost equally. White people have higher incidence rates than black and Asian people, but the cause of these disparities is poorly understood. 3465858ec6

Lymphoma The enlarged lymph nodes are usually painless. The name typically refers to just the cancerous versions rather than all such tumors. The sweats are most common at night. main categories of lymphomas are the non-Hodgkin lymphoma (NHL) (90% of cases) and Hodgkin lymphoma (HL) (10%). Signs and symptoms may include enlarged

lymph nodes, fever, drenching sweats, unintended weight loss, itching, and constantly feeling tired. Lymphomas, leukemias and myelomas are a part Lymphoma is a group of blood and lymph tumors that develop from lymphocytes (a type of white blood cell) 3465858ec6

Non-Hodgkin lymphoma Other symptoms may include bone pain, chest pain, or itchiness. Some forms are slow-growing while others are fast-growing. Unlike Hodgkin lymphoma, which often spreads in an orderly pattern between nearby lymph nodes, NHL can involve multiple parts of the body and may not follow a predictable spread. Symptoms include enlarged lymph nodes, fever, night sweats, weight loss, and tiredness. Non-Hodgkin lymphoma (NHL), also known as non-Hodgkin's lymphoma, is a group of blood cancers that includes all types of lymphomas except Hodgkin lymphomas Non-Hodgkin lymphoma (NHL), also known as non-Hodgkin's lymphoma, is a group of blood cancers that includes all types of lymphomas except Hodgkin lymphomas 3465858ec6

== Signs and symptoms == 3465858ec6 FL is a broad and extremely complex clinical entity with a wide range of manifestations which have not yet been fully systematized. It is commonly preceded by a benign precancerous disorder in which abnormal centrocytes and/or... 3465858ec6 Patients normally present with painless, swollen lymph nodes... 3465858ec6 B symptoms are uncommon. 3465858ec6

Hodgkin lymphoma About half of cases of Hodgkin lymphoma are due Hodgkin lymphoma (HL) is a cancer where multinucleated Reed–Sternberg cells (RS cells) are present in the lymph nodes. Often, non-painful enlarged lymph nodes occur in the neck, under the arm, or in the groin. Symptoms may

include fever, night sweats, and weight loss. People affected may feel tired or be itchy. The condition was named after the English physician Thomas Hodgkin, who first described it in 1832. As it affects a subgroup of white blood cells called lymphocytes, it is a lymphoma. types of Hodgkin lymphoma are classical Hodgkin lymphoma and nodular lymphocyte-predominant Hodgkin lymphoma
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There are two main types of intraocular lymphomas: primary central nervous system involvement (PCNSL) and primary central nervous system with ocular involvement (PCNSLO). The difference between PCNSL and PCNSLO is that PCNSL involves the central nervous system, while PCNSLO does not. 56-86% of orbital lymphomas are classified PCNSL and 15-25% are classified PCNSLO. 3465858ec6

Lennert lymphoma It was first characterized by Karl Lennert in 1952 as a variant of Hodgkin lymphoma based on the presence of cells resembling the Reed-Sternberg cells that typify Hodgkin lymphoma. However, later studies concluded that these cells are not Reed-Sternberg cells and that Lennert lymphoma is not a variant of Hodgkin lymphoma. It was first characterized by Karl Lennert in 1952 as a variant of Hodgkin lymphoma based on the presence of cells Lennert lymphoma, also termed lymphoepithelioid lymphoma, lymphoepithelioid variant of peripheral T-cell lymphoma, and epithelioid cellular lymphogranulomatosis, is a rare subtype of the T cell lymphomas. rare subtype of the T cell lymphomas 3465858ec6

While an association... 3465858ec6 == Types ==
3465858ec6 Symptoms of this form of ocular lymphoma include painless decreased vision, sensitivity to light, a red eye, and floaters. Diagnosis is difficult due to its gradual onset and the fact that

the symptoms are the same as other diseases.

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