



## Lymphoma - Classifications, & WHO Classifications

[as found here: <http://www.medicalgeo.com/Med-Diseases-L/Lymphoma.html>]

### Lymphoma

A general term for malignancies of lymphocytes or, more rarely, of histiocytes. Collectively, these cell types non hodgkins lymphoma symptoms of form the reticuloendothelial system and circulate in the vessels of the lymphatic system. Traditionally, Lymphoma is classified lymphoma cancer as Hodgkin's lymphoma, discovered by Thomas Hodgkin in 1832, and non-Hodgkin's lymphoma (all other types of lymphoma). Modern classifications of lymphoma have moved away from this artificial division.

### Classification

The **Working Formulation**, published in 1982, is primarily feline small cell lymphoma descriptive but remains the leukemia and lymphoma society most widely used classification 8 types of lymphoma cancer of non-Hodgkin lymphoma today.

- Low Grade
  - Malignant Lymphoma, small lymphocytic (chronic lymphocytic leukemia)
  - Malignant Lymphoma, follicular, predominantly small cleaved cell
  - Malignant Lymphoma, follicular, mixed (small cleaved and large cell)
- Intermediate Grade
  - Malignant Lymphoma, follicular, predominantly large cell symptoms of lymphoma
  - Malignant intravascular lymphoma Lymphoma, non-hodgkin's lymphoma types lymphoma diffuse, small cleaved cells
  - Malignant Lymphoma, diffuse, itching, lymphoma mixed (small and large cells)
  - Malignant Lymphoma, beagle lymphoma diffuse large cells
- High Grade
  - Malignant Lymphoma, large cell, immunoblastic
  - Malignant Lymphoma, lymphoblastic

- Malignant Lymphoma, small non-cleaved cells (Burkitt's lymphoma)
- Miscellaneous
  - Composite
  - Mycosis fungoides
  - Histiocytic
  - Extramedullary plasmacytoma burkitts lymphoma
  - Unclassifiable

The **WHO Classification** is the latest classification of lymphoma, lymphoma canine published follicular burkett's lymphoma lymphoma b cell lymphoma by the non hodgkin's lymphoma World Health Organization in malignant lymphoma 2001. This classification attempts to classify lymphomas by cell type, i.e. the normal cell type that most closely resembles hodgkin's lymphoma the tumour. They are classified in three large groups: the B cell tumours, the T cell and natural killer cell tumours, Hodgkin lymphoma, and other web magic lymphoma forum minor groups:

- Mature B Cell Neoplasms
  - Chronic lymphocytic leukemia/small lymphocytic lymphoma
  - B-cell prolymphocytic leukaemia
  - Lymphoplasmacytic lymphoma/Waldenström macroglobulinemia
  - Splenic marginal zone lymphoma
  - Plasma cell neoplasms
    - Plasma t-cell lymphoma cell myeloma
    - Plasmacytoma
    - Monoclonal immunoglobulin deposition diseases
    - Heavy chain diseases
  - Extranodal marginal zone B cell lymphoma (MALT lymphoma)
  - Nodal marginal zone B cell lymphoma
  - Follicular lymphoma dog lymphoma
  - Mantle cell lymphoma
  - Diffuse large B cell lymphoma

- Mediastinal (thymic) large B cell lymphoma
- Intravascular large B cell lymphoma
- Primary effusion lymphoma
- Burkitt lymphoma/leukemia
- lymphomatoid granulomatosis
- Mature T cell and Natural Killer (NK) Cell Neoplasms
  - T cell prolymphocytic leukemia
  - T cell large granular lymphocytic leukemia
  - Aggressive NK cell leukemia
  - Adult T cell non-hodgkins lymphoma leukemia/lymphoma
  - Extranodal NK/T cell lymphoma, nasal type
  - Enteropathy-type T cell lymphoma
  - Hepatosplenic T cell lymphoma
  - Blastic NK cell lymphoma
  - Mycosis fungoides/Sezary syndrome
  - Primary cutaneous CD30-positive T cell lymphoproliferative disorders
    - Primary cutaneous anaplastic large cell lymphoma
    - Lymphomatoid papulosis
  - Angioimmunoblastic T cell lymphoma
  - Peripheral T cell non hodgkins lymphoma prognosis lymphoma, unspecified
  - Anaplastic large cell lymphoma
- Hodgkin Lymphoma
  - Nodular lymphocyte-predominant Hodgkin lymphoma
  - Classical Hodgkin lymphoma
    - Nodular sclerosis
    - Mixed cellularity

- Lymphocyte-rich
- Lymphocyte depleted
- Immunodeficiency-Associated Lymphoproliferative Disorders
  - Associated with a primary immune disorder
  - Associated hodgkins lymphoma prognosis with the lymphoma Human Immunodeficiency Virus (HIV)
  - Post-transplant
  - Associated with Methotrexate therapy non-hodgkin lymphoma
- Histiocytic and Dendritic Cell Neoplasms
  - Histiocytic sarcoma
  - Langerhans cell histiocytosis
  - Langerhans cell sarcoma
  - Interdigitating dendritic cell sarcoma/tumour
  - Follicular dendritic cell sarcoma/tumour
  - Dendritic cell sarcoma, unspecified

### **Prevalence**

According to the U.S. National Institutes of Health, lymphomas account for about five percent of all cases of cancer in the United States, and Hodgkin's disease in particular accounts for less than one percent of all cases of cancer in the United States.