

# WHO Classification of Neoplastic Diseases of the Hematopoietic and Lymphoid Tissues

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## **B-cell neoplasms**

### **Precursor B-cell lymphoblastic leukemia / lymphoma**

### **Mature B-cell neoplasms**

Chronic lymphocytic leukemia / Small lymphocytic lymphoma

B-cell prolymphocytic leukemia

Lymphoplasmacytic lymphoma / Waldenström macroglobulinemia

Splenic marginal zone B-cell lymphoma

Hairy cell leukemia

Plasma cell neoplasms

Plasma cell myeloma

Plasmacytoma

Monoclonal immunoglobulin deposition disease

Heavy chain disease

Extranodal marginal zone B-cell lymphoma ( MALT lymphoma )

Nodal marginal zone B-cell lymphoma + / - monocytoid B-cells

Follicular lymphoma ... Grade 1, 2, 3a, 3b

Mantle cell lymphoma

Diffuse large B-cell lymphoma

Mediastinal ( thymic ) large B-cell lymphoma

Intravascular large B-cell lymphoma

Primary effusion lymphoma

Burkitt's lymphoma

Lymphomatoid granulomatosis

## **T-cell / NK-cell neoplasms**

## **Precursor T-cell lymphoblastic leukemia / lymphoma**

### **Mature T-cell and natural killer cell neoplasms**

T-cell prolymphocytic leukemia

T-cell large granular lymphocytic leukemia

Aggressive NK-cell leukemia

Adult T-cell leukemia / lymphoma ( HTLV-1 + )

Extranodal NK / T-cell lymphoma, nasal type

Enteropathy-type ( intestinal ) T-cell lymphoma

Hepatosplenic T-cell lymphoma

Subcutaneous panniculitis-like T-cell lymphoma

Blastic NK-cell lymphoma

Mycosis fungoides / Sezary syndrome

Primary cutaneous CD-30 positive T-cell lymphoproliferative disorders

Primary cutaneous anaplastic large cell lymphoma ( C-ALCL )

Lymphomatoid papulosis

Borderline lesions

Angioimmunoblastic T-cell lymphoma

Peripheral T-cell lymphoma, unspecified

Anaplastic large cell lymphoma ( T- and null types )

## **Hodgkin lymphoma**

### **Nodular lymphocyte-predominant Hodgkin lymphoma**

#### **Classical Hodgkin lymphoma**

Nodular sclerosis Hodgkin lymphoma

Mixed cellularity Hodgkin lymphoma

Lymphocyte-rich Classical Hodgkin lymphoma

Lymphocytic depleted Hodgkin lymphoma