

Teaching topics : lymph nodes, spleen and thymus

Teaching outline :

Lymphoid Neoplasms

REAL Classification of Lymphoid Neoplasms

IA. Precursor B-cell Neoplasms

1. Precursor B-cell leukemia/lymphoma

IB. Peripheral B-cell Neoplasms

1. B-cell CLL/small lymphocytic lymphoma
2. B-cell prolymphocytic leukemia
3. Lymphoplasmacytic lymphoma
4. Mantle cell lymphoma
5. Follicular lymphoma
6. Extranodal marginal zone lymphoma (MALT lymphoma)
7. Splenic marginal zone lymphoma
8. Nodal marginal zone lymphoma
9. Hairy cell leukemia
10. Plasmacytoma/plasma cell myeloma
11. Diffuse large B-cell lymphoma
12. Burkitt lymphoma

IIA. Precursor T-cell Neoplasms

IIB. Peripheral T-/NK-cell Neoplasms

1. T-cell prolymphocytic leukemia
2. T-cell granular lymphocytic leukemia
3. Aggressive NK-cell leukemia
4. Adult T-cell lymphoma/leukemia (HTLV1+)
5. Extranodal NK/T-cell lymphoma, nasal type
6. Enteropathy-type T-cell lymphoma
7. Hepatosplenic gd T-cell lymphoma
8. Subcutaneous panniculitis-like T-cell lymphoma
9. Mycosis fungoides/Sezary syndrome
10. Anaplastic large cell lymphoma, primary cutaneous type
11. Peripheral T-cell lymphoma, not otherwise specified (NOS)
12. Angioimmunoblastic T-cell lymphoma
13. Anaplastic large cell lymphoma, primary systemic type

IIIA. Hodgkin Lymphoma

1. Nodular lymphocytic predominant Hodgkin lymphoma

2. Nodular sclerosis classical Hodgkin lymphoma
3. Lymphocyte rich classical Hodgkin lymphoma
4. Mixed cellularity classical Hodgkin lymphoma
5. Lymphocytic depletion classical Hodgkin lymphoma

Spleen

A. Function of the spleen

B. Postsplenectomy blood picture

Erythrocyte inclusions, Poikilocytosis, Thrombocytosis, Leukocytosis

C. Disease of red pulps

Congestive splenomegaly

Inflammatory and collagen vascular diseases

Infections

Storage diseases

Neoplastic diseases

D. Vascular lesions of the spleen

E. Splenic infarcts

Thymus

A. Developmental Disorders of the Thymus

B. Thymic Hyperplasia

C. Thymoma

a. Type A thymomas

b. Type AB thymoma (mixed)

c. Type B thymoma (Type B1, B2 and B3 thymoma)

d. Thymic carcinoma (Type C thymoma)