Chapter 21: Introduction to Hematopoietic Neoplasms

Outline

1. Terms
   a. Neoplasms
      i. Malignancy
      ii. Benign
2. Classifications of neoplasms in Bone marrow
   a. Lymphoid
   b. Myeloid
   c. Further Classification
3. More Terms
   a. Leukemia
   b. Lymphoma
4. Acute versus Chronic leukemias
   a. Blood picture
   b. Origins
   c. Oncogenes
      i. Definition
      ii. Activation
5. Epidemiology of Leukemias
6. Clinical Findings
7. Evaluation of leukemia
8. Lab features
9. Official Classification Systems
   a. FAB
   b. WHO
   c. Clinical findings
10. Lab techniques
    a. Cytochemical stains
       i. Types
    b. Immunological markers
    c. Molecular genetics
    d. FISH
    e. Cytogenetics
11. Treatment

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