

Part I: TECHNICAL ASPECTS

1. Processing of the Lymph Node Biopsy Specimen
2. Fine Needle Aspiration of Lymph Nodes
3. Collection, Processing, and Examination of Bone Marrow Specimens
4. Immunohistochemistry for the Hematopathology Laboratory
5. Flow Cytometry
6. Molecular Diagnosis in Hematopathology
7. Important Chromosomal Aberrations in Hematologic Neoplasms and Key Techniques to Diagnose Them

Part II: NORMAL and REACTIVE CONDITIONS of HEMATOPOIETIC TISSUES

8. Normal Lymphoid Organs and Tissues
9. The Reactive Lymphadenopathies
10. The Normal Bone Marrow
11. Evaluation of Anemia, Leukopenia and Thrombocytopenia
12. Bone Marrow Findings in Inflammatory, Infectious and Metabolic Disorders

Part III: LYMPHOID NEOPLASMS

13. Principles of Classification of Lymphoid Neoplasms

Section 1: Mature B-Cell Neoplasms

14. Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma and B-Cell Prolymphocytic Leukemia
15. Lymphoplasmacytic Lymphoma and Waldenström Macroglobulinemia
16. Hairy Cell Leukemia
17. Splenic Marginal Zone Lymphoma and Other Small B-Cell Neoplasms in the Spleen
18. Follicular Lymphoma
19. Extranodal Marginal Zone Lymphoma: MALT Lymphoma
20. Primary Cutaneous B-Cell Lymphomas
21. Nodal Marginal Zone Lymphoma
22. Mantle Cell Lymphoma
23. Diffuse Large B-Cell Lymphoma
24. Burkitt Lymphoma and its Mimics
25. Plasmablastic Neoplasms Other Than Plasma Cell Myeloma
26. Plasma Cell Neoplasms
27. Nodular Lymphocyte-Predominant Hodgkin's Lymphoma
28. Classical Hodgkin's Lymphoma and Related Lesions
29. Virally Associated B-Cell Lymphoproliferative Disease

Section 2: MATURE T-CELL AND NK-CELL NEOPLASMS

30. Virally Associated T-Cell and NK-Cell Neoplasms

- 31. T-Cell and NK-Cell Large Granular Lymphocyte Proliferations
- 32. T-Cell Prolymphocytic Leukemia
- 33. Adult T-Cell Leukemia/Lymphoma
- 34. Hepatosplenic T-Cell Lymphoma
- 35. Peripheral T-Cell Lymphoma, Not Otherwise Specified
- 36. Angioimmunoblastic T-Cell Lymphoma
- 37. Anaplastic Large-Cell Lymphoma, ALK Positive and ALK Negative
- 38. Enteropathy-Associated T-Cell Lymphoma and Other Primary Intestinal T-Cell Lymphomas
- 39. Mycosis Fungoides and Sézary Syndrome
- 40. Primary Cutaneous CD30-Positive T-Cell Lymphoproliferative Disorders
- 41. Primary Cutaneous T-Cell Lymphomas: Rare Subtypes

Section 3: Precursor B- and T-Cell Neoplasms

- 42. Precursor B- and T-Cell Neoplasms
- 43. Acute Leukemias of Ambiguous Lineage

Part IV: MYELOID NEOPLASMS

- 44. Principles of Classification of Myeloid Neoplasms
- 45. The Myelodysplastic Syndromes
- 46. Acute Myeloid Leukemia
- 47. Myeloproliferative Neoplasms
- 48. Myelodysplastic/Myeloproliferative Neoplasms
- 49. Mastocytosis
- 50. Eosinophilia and Chronic Eosinophilic Leukemia, Including Myeloid/Lymphoid Neoplasms with Eosinophilia and Rearrangement of PDGFRA, PDGFRB, FGFR1, or JAK2
- 51. Blastic Plasmacytoid Dendritic Cell Neoplasm

Part V: HISTIOCYTIC PROLIFERATIONS

- 52. Nonneoplastic Histiocytic Proliferations of Lymph Nodes and Bone Marrow
- 53. Histiocytic and Dendritic Cell Neoplasms Including Langerhans Cell Histiocytosis and Langerhans Cell Sarcoma

Part VI: IMMUNODEFICIENCY DISORDERS

- 54. The Pathology of Primary Immunodeficiencies
- 55. Iatrogenic Immunodeficiency-Associated Lymphoproliferative Disorder

Part VII: SITE-SPECIFIC ISSUES in the DIAGNOSIS of LYMPHOMA and LEUKEMIA

- 56. Bone Marrow Evaluation for Lymphoma
- 57. Evaluation of the Bone Marrow After Therapy

58. Non-Hematopoietic Neoplasms of the Bone Marrow

59. Nonlymphoid Lesions of the Lymph Nodes

60. Spleen: Normal Architecture and Neoplastic and Nonneoplastic Lesions

61. Diagnosis of Lymphoma in Extranodal Sites Other Than Skin