

Table of contents

Authors

Preface

SECTION I: ONCOLOGY

1. Adrenocortical Cancer, *Peter F. Lebowitz and Tito Fojo*
2. Anal Cancer, *David Dwan and Robert Mayer*
3. Biliary Tract Cancer: Gallbladder Cancer and Cholangiocarcinoma, *Verena Sagaster and Werner Schonthauer*
4. Bladder Cancer, *Edwin M. Posadas and William L. Dabut*
5. Brain Cancer, *Lyndon Kim and Howard Fine*
6. Breast Cancer, *Peter F. Lebowitz and Jo Anne Zujewski*
7. Germ Cell Tumors, *Eva Tiensuu Janson and Kjell Oberg*
8. Carcinoma of Unknown Primary, *David Spigel and F. Anthony Greco*
9. Cervical Cancer, *Deirdre O'Mahony and Peter Rose*
10. Colorectal Cancer, *Gregory Leonard and Jean Grem*
11. Endometrial Cancer, *Deirdre O'Mahoney and Franco Muggia*
12. Esophageal Cancer, *Gauri Varadhachary and Jaffer Ajani*
13. Gastric Cancer, *Manish A. Shah, Dana Rathkopf, and Gary K. Schwartz*
14. Gestational Trophoblastic Neoplasia, *Michael M. Boyiadzis and John Lurain*
15. Head and Neck Cancers, *Erin Donovan and Barbara Conley*
16. Hepatocellular Carcinoma, *Joan Maurel and Jordi Bruix*
17. HIV-Related Malignancies, *Pallavi Kumar and Richard F. Little*
18. Leukemia, Acute Lymphoblastic (Adult), *Ivan Aksentijevich, Michael M. Boyiadzis, and Judith Karp*
19. Leukemia, Acute Myelogenous, *Ivan Aksentijevich, Michael M. Boyiadzis, and Judith Karp*
20. Leukemia, Chronic Lymphocytic, *Salah Abbasi and Bruce D. Cheson*
21. Leukemia, Chronic Myelogenous, *Michael W.N. Deininger and Brian J. Druker*
22. Leukemia, Hairy Cell, *Martin S. Tallman*
23. Lung Cancer, *Enriqueta Felip and Rafael Rosell*
24. Lymphoma, Hodgkin, *Christina M. Annunziata and Dan L. Longo*
25. Lymphoma, Non-Hodgkin, *Kieron Dunleavy, David R. Kohler, and Wyndham H. Wilson*
26. Melanoma, *Michael M. Boyiadzis and Barry Gause*
27. Mesothelioma, *Verna Vanderpuye and Nicholas J. Vogelzang*
28. Multiple Myeloma, *Robert Dean and Cynthia E. Dunbar*
29. Ovarian Cancer, *Eddie Reed*
30. Pancreatic Cancer, *Michael M. Boyiadzis and Daniel D. Von Hoff*
31. Pheochromocytoma, *Michael M. Boyiadzis, Karel Pacak, and Tito Fojo*
32. Prostate Cancer, *Peter F. Lebowitz and William L. Dabut*
33. Renal Cell Carcinoma, *Michael M. Boyiadzis and Susan Bates*
34. Sarcomas, *Janice Walshe, Tito Fojo, and Lee Helman*
35. Testicular Cancer, *Michael M. Boyiadzis and Scott Saxman*
36. Thymic Carcinoma, *Hanneke Wilmink and Guiseppe Giaccone*
37. Thyroid Cancer, *Kenneth B. Ain*
38. Vaginal Cancer, *Thomas Chen and Franco Muggia*

SECTION II: SUPPORTIVE CARE, DRUG PREPARATION, COMPLICATIONS, AND SCREENING

39. Chemotherapy-Induced Nausea and Vomiting: Prophylaxis and Treatment, *Thomas E. Hughes*

40. Drug Preparation and Administration, *David R. Kohler*
 41. Chemotherapy Dose Modifications, *Michael Menefee, Pamela W. McDevitt, and Tito Fojo*
 42. Antineoplastic Drugs: Prevention and Managing Extravasation, *David R. Kohler*
 43. Indications for Growth Factors in the Hematology-Oncology Setting, *Pamela W. McDevitt and James N. Frame*
 44. Indications for Bisphosphonates in the Hematology-Oncology Setting, *Reem A. Shalabi, David R. Kohler, and James N. Frame*
 45. Transfusion Therapy, *Ashok Nambiar and Susan Leitman*
 46. Oncologic Emergencies, *Michael M. Boyiadzis and Tito Fojo*
 47. Fever and Neutropenia, *Juan Gea-Banacloche and Thomas J. Walsh*
 48. Catheter-Related Bloodstream Infections: Managing and Prevention, *Naomi P. O'Grada*
 49. Venous Catheter-Related Thrombosis, *McDonald Horne*
 50. Complications and Follow-up After Hematopoietic Stem Cell Transplantation (HSCT), *Michael M. Boyiadzis, Juan Gea-Banacloche, and Michael R. Bishop*
 51. Radiation Complications, *Diana Stripp and Eli Glatstein*
 52. Cancer Pain: Assessment and Management, *Ann Berger*
 53. Hospice Care and End-of-Life Issues, *Charles F. Von Gunten and David Weismann*
 54. Cancer Screening, *Jennifer Eng-Wong, Kathleen Calzone, and Sheila A. Prindiville*
 55. Genetics of Common Inherited Cancer Syndromes, *Kathleen Calzone, Jennifer Eng-Wong, and Sheila A. Prindiville*
- SECTION III: SELECTED HEMATOLOGIC DISEASES**
56. von Willebrand Disease, *Michael M. Boyiadzis and Margaret E. Rick*
 57. Hemophilia, *Steven J. Jubelirer*
 58. The Hypercoagulable State, *Jeffrey I. Zwicker and Kenneth A. Bauer*
 59. Heparin-Induced Thrombocytopenia (HIT) and HIT with Thromboembolic Syndrome (HITTS), *McDonald K. Horne, III*
 60. Autoimmune Hemolytic Anemia, *James N. Frame*
 61. Sickle Cell Disease: Acute Complications, *James N. Frame, Steven J. Jubelirer, and Griffin P. Rodgers*
 62. Aplastic Anemia, *Michael M. Boyiadzis and Neal S. Young*
 63. Thrombotic Thrombocytopenic Purpura/Hemolytic Uremic Syndrome (TTP/HUS), *Kiarash Kojouri and James N. George*
 64. Idiopathic Thrombocytopenic Purpura, *Kiarash Kojouri and James N. George*
 65. Polycythemia Vera, *Celia L. Grosskreutz and Steven Fruchtman*
 66. Essential Thrombocythemia, *Celia L. Grosskreutz and Steven Fruchtman*
 67. Myelodysplastic Syndromes, *Michael M. Boyiadzis and Neal S. Young*