



The second edition of the *Atlas of Cancer* highlights the major features of current cancer management and clearly presents fundamental facts regarding our understanding of the etiology and pathophysiology of malignant disease. Guided by Dr. Maurie Markman, leading oncology experts combine remarkable illustrations, clinical photographs, instructive schematic diagrams, informative charts, and detailed captions to form one large Atlas that can assist physicians in the diagnosis, treatment, and management of this amazingly complex disease.

Atlas of Cancer

Second Edition

Editor: **Maurie Markman**

4-color atlas; 672 pages

Copyright year: 2008

Published: May 2008

978-1-57340-289-7

Section I. Head and Neck

Barbara A. Murphy

General Epidemiology, Staging, and Pathology

Barbara A. Murphy

Surgical Management of Head and Neck Cancer

Brian B. Burkey

Radiation Therapy for Head and Neck Cancers

Anthony J. Cmelak

Overview of Treatment of Head and Neck Cancer

Jill Gilbert

Metastatic or Recurrent Head and Neck Cancer and Issues in Symptom Control

Barbara A. Murphy and Jill Gilbert

Section II. Gynecologic Cancers

Richard R. Barakat and Douglas A. Levine

Genetics of Hereditary Gynecologic Cancers

Douglas A. Levine, Noah D. Kauff, and Jeff Boyd

Management of Early Epithelial Ovarian Cancer

Alan C. Schlaerth, Jakob Dupont, Martee L. Hensley, Mario M. Leitao, Jr, and Carol L. Brown

Management of Advanced Epithelial Ovarian Cancer

Yukio Sonoda and Paul Sabbatini

Management of Nonepithelial Ovarian Cancer

Susannah M. Mourtou, Dennis S. Chi, and Martee L. Hensley

Management of Uterine Sarcomas

Bhavana Pothuri and Martee L. Hensley

Surgical Management of Endometrial Cancer

Destin R. Black and Nadeem R. Abu-Rustum

Nonsurgical Management of Endometrial Cancer

Jason A. Konner and Kaled M. Alektiar

Radical Surgery for Early and Recurrent Cervical Cancer

Eric L. Eisenhauer and Douglas A. Levine

Chemoradiation for Cervical Cancer

Kaled M. Alektiar and William P. Tew

Management of Vulvar Cancer

Sarah E. Ferguson and Mary L. Gemignani

Gestational Trophoblastic Disease

Margrit M. Juretzka and Carol Aghajanian

Section III. Lung Cancer

Roy S. Herbst

Lung Cancer Detection and Staging

John J. Mullon, James R. Jett, and Karen L. Swanson

Photodynamic Therapy for Early Stage Lung Cancer

Harvey I. Pass

Thoracoscopic Techniques in the Staging and Resection of Lung Cancer

Mathew Ninan

Surgical Management of Non—Small—cell Lung Cancer

Douglas R. Smego, Steven M. Keller, and John P. Nabagiez

Radiotherapy of Locally Advanced Non—Small—cell Lung Cancer

Robert M. MacRae and Hak Choy

Neoadjuvant Therapy for Locally Advanced Non—Small—cell Lung Cancer

Alex Metzger, Zelanna Goldberg, Peter F. Roberts, David M. Jablons, Derick Lau, David Gandara, and Primo N. Lara, Jr.

Surgical Management of Malignant Pleural Mesothelioma

Harvey I. Pass and Michele Carbone

Thymoma

Patrick J. Loehrer, Sr. and John D. Henley

Targeted Therapies in Non—Small—cell Lung Cancer

Phuong Khanh H. Morrow and Edward S. Kim

Section IV.

Upper Gastrointestinal Cancers

Jaffer A. Ajani

Modern Treatment of Pancreatic Cancer

David Iannitti, Thomas DiPetrillo, and Howard Safran

Perioperative Therapy for Gastric Cancer

Geoff Chong and David Cunningham

Biology of Barrett's Esophagus and Its Progression to Cancer

Susan A. Watson, Arjun S. Takhar, George Anagnostopoulos, and Krish Ragnunath

Esophageal Cancer: Surgical Approach

J. Rüdiger Siewert, Andreas Sendler, and Hubert J. Stein

Hepatobiliary Cancers

Ghassan K. Abou-Alfa and Leonard B. Saltz

Modern Imaging Methods for Gastrointestinal Cancers

Artur Katz, Jairo Wagner, Manoel R. S. Rocha, Ricardo L. Ganc, and Arnaldo J. Ganc

Section V.

Lower Gastrointestinal Cancers

Paulo M. Hoff

Epidemiology, Genetics, and Prevention of Colorectal Cancer

Robert S. Bresalier and Paulo M. Hoff

Treatment of Metastatic Colorectal Cancer

Axel Grothey, Robert R. McWilliams, and Paulo M. Hoff

Strategic Management of Colorectal Liver Metastases

Eric Vibert, René Adam, and Paulo M. Hoff

Surgical Treatment of Localized Rectal Cancer

Bert Anne Bonsing, Arthur Gerritsen van der Hoop, Cornelis J.H. van de Velde, and Paulo M. Hoff

Pharmacogenomics and Molecular Biology in Gastrointestinal Cancers

Anthony El-Khoueiry, Heinz-Josef Lenz, and Paulo M. Hoff

Section VI. Leukemia

Elihu H. Estey

Myelodysplastic Syndromes

Elihu H. Estey, Ronald M. Sobecks, and Karl S. Theil

Acute Myelogenous Leukemia

Elihu H. Estey and Matt Kalaycio

Acute Lymphoblastic Leukemia

Jorge Cortes and Maher Albitar

Chronic Lymphocytic Leukemia

William G. Wierda and Mark A. Weiss

Chronic Myelogenous Leukemia

Gautam Borthakur, Richard Gorman, and Katarzyna Jamieson

Other Myeloproliferative Disorders

Srdan Verstovsek, Samih Y. El-Ahdab, and Hesham M. Amin

Section VII. Lymphoma

Anas Younes

Hodgkin Lymphoma

Beate Klimm, Andreas Engert, Brad Pohlman, and Eric D. Hsi

Malignant Lymphoma

Martin Dreyling, Andreas Rosenwald, and German Ott

Section VIII. Sarcoma

Shreyaskumar R. Patel

Imaging of Primary Bone and Soft-Tissue Sarcomas

Kevin W. McEnery

Surgery for Bone Sarcomas

Alan W. Yasko

Surgical Treatment of Soft-Tissue Sarcomas

James F. Pingpank Jr, Aaron R. Sasson, and Burton L. Eisenberg

Radiation Therapy for Soft-Tissue Sarcomas

Matthew T. Ballo and Gunar K. Zagars

Systemic Therapy for Bone Sarcomas

Dennis A. Priebe

Systemic Therapy for Soft-Tissue Sarcomas

Brian L. Samuels

Section IX. Breast Cancer

Edith A. Perez

Clinical Images

Sheryl G. A. Gabram, and William C. Wood

Pathology of Invasive Breast Carcinoma

Merih Guray and Aysegul A. Sahin

Magnetic Resonance Imaging of the Breast

Elizabeth R. DePeri and Michelle D. McDonough

Radiation Oncology in Breast Cancer

Laura A. Vallow

Ultrasound Images

Bruno D. Fornage

Mammographic Images

Gary J. Whitman

Breast Cancer Correlation Using Multimodality Imaging

Michelle D. McDonough and Elizabeth R. DePeri

Breast Reconstruction

Sarvam P. Terkonda, Galen Perdiks, and James C. Waldorf

Section X. Genitourinary Cancers

Daniel P. Petrylak

Prostate Cancer

Ulka Vaishampayan and Maha Hussain

Bladder Cancer

Lori Schleicher, Carlos Cordon-Cardo, and Daniel P. Petrylak

Kidney Cancer

Stephanie J. Jeske, Joseph J. Del Pizzo, and David M. Nanus

Testis Cancer

Noah Hahn and Richard S. Foster

Section XI. Skin Cancer

Ashfaq A. Marghoob

Skin Cancer Precursor Lesions

Steven Q. Wang, Ashfaq A. Marghoob, and Achiamah Osei-tutu

Etiology and Prevention of Skin Cancer

Alon Scope, Allan C. Halpern, and Ashfaq A. Marghoob

Basal Cell Carcinoma

Carole Hazan, Chih-Shan Jason Chen, Ashfaq A. Marghoob, and Kishwer S. Nehal

Squamous Cell Carcinoma

Chih-Shan Jason Chen, Kishwer S. Nehal, and Ashfaq A. Marghoob

Melanoma

Alon Scope, Allan C. Halpern, and Ashfaq A. Marghoob

Mycosis Fungoides

Patricia L. Myskowsky

Other Skin Cancers

Alon Scope, Ashfaq A. Marghoob, Klaus J. Busam, and Patricia L. Myskowsky

Section XII. Neuro-oncology

Mark R. Gilbert

Epidemiology

Mark R. Gilbert

Diagnostic Techniques

Gregory N. Fuller, Teresa Ribalta, Wei Zhang, Kenneth D. Aldape, Sanjay K. Singh, Edward F. Jackson, and Franklin C. Wong

Primary Brain Tumors

Charles A. Conrad, Barbara Pro, Sujit S. Prabh, Ian E. McCutcheon, and Franco DeMonte

Metastatic Tumors

Morris D. Groves and Arthur Forman

Neurogenetic Syndromes Associated with Nervous System Neoplasms

Vinay K. Puduvalli