CANCER OF THE SKIN

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1991

W.B. SAUNDERS COMPANY
Harcourt Brace Jovanovich, Inc.

Angudelphia I ondon · Toronto · Montreal · Sydney · Tokyo

W. B. SAUNDERS COMPANY Harcourt Brace Jovanovich, Inc. The Curtis Center Independence Square West Philadelphia, PA 19106

Library of Congress Cataloging-in-Publication Data
Cancer of the skin/[edited by] Robert J. Friedman . . . [et al.].
p. cm.
ISBN 0-7216-2328-X
1. Skin — Cancer. I. Friedman, Robert J.
[DNLM: 1. Skin Neoplasms. WR 500 C2149]
RC280.S5C35 1991
616.99'477—dc20
DNLM/DLC 89-6345

Designer: Joan Sinclair

Production Manager: Frank Polizzano Manuscript Editor: Edna Dick Indexer: Kathy Garcia

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Printed in the United States of America.

Last digit is the print number: 9 8 7 6 5 4 3 2 1

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PREFACE

This past decade has witnessed the transformation of cutaneous oncology from an apparition to an eminent field which brings together such disciplines as dermatology, dermatologic surgery, plastic and reconstructive surgery, general surgery, radiotherapy, oncology, and the basic sciences. The importance and timeliness of the discipline is best exemplified by the actions of the President of the United States, the Congress, the American Academy of Dermatology, the American Cancer Society, and others in developing a National Program of Prevention and Early Detection of Cancers of the Skin to deal with the serious epidemic of cutaneous malignancies, which affect over 600,000 Americans each year. It is essential that an all-embracing, organized, and lasting program of public and professional education be developed to encourage a better understanding of the etiology, pathogenesis, prevention, and treatment of all types of cancers of the skin.

As in any emerging discipline, there is often a lag between the discoveries in the basic science laboratories on the one hand and the clinical application of such knowledge on the other. This text was written and edited in an attempt to bridge the gap between the two. It is targeted at specialists, generalists, basic scientists, and all

students of the skin.

The work addresses a core presentation of the discipline best termed "cutaneous oncology." It begins with an in-depth look at the fundamental concepts of cutaneous neoplasia. An overview of the epidemiology of cancers of the skin follows. The most common neoplasms of the skin, basal cell and squamous cell carcinomas, are presented in depth, along with a discussion of possible precursor keratinocytic lesions, viral oncogensis, bowenoid papulosis, and epidermodysplasia verruciformis. A comprehensive review of the most up-to-date information on melanocytic neoplasms follows. Rarer cancers of the skin are reviewed, including adnexal carcinomas, mammary and extramammary Paget's disease, pseudosarcomatous lesions, sarcomas of the skin, Merkel cell carcinoma and vascular malignancies. Acquired immune deficiency syndrome (AIDS) and neoplasms of the skin associated with AIDS are presented in depth, followed by a comprehensive review of lymphomas and leukemias of the skin. Genetic syndromes with associated cutaneous malignancies, cancers metastatic to the skin, and cutaneous manifestations of internal malignancies are the next topics of discussion. Clinical and histologic simulators of cancers of the skin are subsequently discussed. The later chapters of the textbook present a comprehensive discussion of treatment of patients having cancers of the skin, including general biopsy techniques, cutaneous wound healing, curettage and electrosurgery, cryosurgery, topical chemotherapy, laser surgery, micrographic surgery, reconstructive plastic surgery, radiotherapy, and immunotherapy. The final chapters include a discussion of the role of the ophthalmologist and the psychologist in the management of patients with cancers of the skin. Finally, a discussion of medicolegal problems in the magement of patients with cutaneous malignancies is presented.

x PREFACE

Every attempt has been made to present the facts and controversies of the field in as clear a manner as is possible. The editors and authors encourage critical reading of this textbook and welcome your honest thoughts, especially about our handling of

the more controversial topics.

The survival of humankind may depend upon how we protect our integument. The problems of the environment will undoubtedly play a major role in the development of a better understanding of the etiologic mechanisms involved in the genesis of cancers of the skin. An expanding populace in a polluted environment makes the role of the cutaneous oncologist an ever-expanding one. This textbook was developed, written, and edited in the hope of strengthening the discipline of cutaneous oncology by presenting it as an integrated field of medical science that will have ever-increasing importance.

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ACKNOWLEDGMENTS

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CONTENTS

xiii

SECTION I	GENERAL PRINCIPLES OF CANCERS OF THE SKIN	
CHAPTER	34 Control of the Con	
The Biology of Isaiah J. F.	Skin Cancer Invasion and Metastasis	3
CHAPTER	त्र व	
Epidemiology of John A. H.	of Cancers of the Skin	14
SECTION II	KERATINOCYTIC NEOPLASIA	
	rsors to Epidermal Malignancies	27
CHAPTER	14	
	: HERE STATE OF THE	35
Pearon G. I	Lang, Jr. and John C. Maize	
CHAPTER	5	
	Carcinoma and Verrucous Carcinoma	74
Leonard Dz	zubow and Debra Grossman	
CHAPTER	대통기 보고 사람들이 가는 것을 보지면 중에 잘 맛지면 할 때 보다는 것을 모으면 하고 보고 보다는 것이 없다고 있는데 그를 가지 않고 했다.	
	sis in Cutaneous Malignancy	85
Peter J. Lyr	nch	
A TOTAL TOTAL TOTAL STREET, THE STREET, TH		

xiv CONTENTS	
CHAPTER 7	
Bowenoid Papulosis9	5
Thomas R. Wade	
	19
CHARTER O	
CHAPTER 8	
Epidermodysplasia Verruciformis	1
Stefania vabioriska	
SECTION III MELANOCYTIC NEOPLASIA	
CHAPTER 9	
Early Detection of Malignant Melanoma: The Role of Physician	
Examination and Self-Examination of the Skin	7
Robert J. Friedman, Darrell S. Rigel, and Alfred W. Kopf	
SECTION 1 OF MERAL PRINCIPLYS OF CANCERS	
CHAPTER 10	
Dysplastic Nevi	5
Alfred W. Koof, Jason K. Rivers, Robert J. Friedman, Darrell S. Rigel and	
Edward R. Heilman	
CHAPTER 11	
Precursor Lesions: Congenital Melanocytic Nevi	2
Lynn From	
CHAPTER 12	
Malignant Melanoma: Clinicopathologic Correlations	8
Robert J. Friedman, Edward R. Heilman, Geoffrey J. Gottlieb, Elaine D. Waldo and	
Darrell S. Rigel	
CHAPTER 13	
Malignant Melanoma: Treatment	7
Matthew N. Harris and Daniel F. Roses	
But Cell Sardinton	
CHAPTER 14 Proposetic Feature Influencing Supplied in Persons with Cutonous	
Prognostic Factors Influencing Survival in Persons with Cutaneous Malignant Melanoma	8
Darrell S. Rigel, Arthur J. Sober, and Robert J. Friedman	
Souramous I, et -1 arupotes all -1 V. Frachis Carbous Carbon Lacourum Degrees and Debre Lacourum Carbon Carb	
SECTION IV CANCERS OF THE SKIN—OTHER	
Property Co.	
OHAT TEN 13	0
Adnexal Carcinomas of the Skin	9
130H Hacillinoto	

C	CHAPTER 25
Dermate	ologic Manifestations of Internal Malignancy
В	Pruce H. Thiers and Jeffrey P. Callen
SECTI	ON VII CLINICAL AND HISTOLOGIC SIMULATORS
SECTI	OF SKIN CANCER
C	HAPTER 26
Nevus of	f Large Spindle and/or Epithelioid Cells (Spitz Nevus)
	Adele Blakely and Robert G. Freeman
0	KARTER 97
	HAPTER 27 Annual Control of the cont
	onnie F. Straka and Jane M. Grant-Kels
	Sililo 1 . Grana and dario in. Grant Nois
C	HAPTER 28
Pseudoly	ymphomas of the Skin
He	elmut Kerl and Josef Smolle
	ALL MILL THERE I DELITE GOLD GODE I TROLLE NA TRUE
SECTI	ON VIII THERAPEUTIC CONSIDERATIONS IN THE MANAGEMENT OF PATIENTS WITH SKIN
	CANCER CANCER
The second	CHAPTER 29
	Techniques and General Surgical Principles for Cancer of the Skin 4 Matthew N. Harris
N.	Matthew N. Harris
C	CHAPTER 30
	ous Wound Healing4
	ohn W. Siebert and Daniel C. Baker
С	HAPTER 31
Therape	eutic Curettage and Electrodesiccation
St	tuart J. Salasche
STALL BUS	HAPTER 32
	gery in the Treatment of Skin Cancer
Se	etrag A. Zacarian
0	HAPTER 33
	Chemotherapy in Treatment of Skin Cancer
	obert Auerbach
CI	HAPTER 34
Laser Su	urgery in the Treatment of Skin Cancer
	by G. Geronemus and Blas Reyes
, AC	y di doi di da di

CHAPTER 35	
Mohs Micrographic Surgery for the Treatment of Cutaneous Neoplasms	484
Michael J. Albom and Neil A. Swanson	
[14] [25] 이 소급 ([25] [25] [25] [25] [25] [25]	
CHAPTER 36	
Reconstructive Plastic Surgery	530
Daniel C. Baker and John W. Siebert	
(2) 그 보고 있는데 얼마를 다 되었다고 있다고 있다.	
CHAPTER 37	
Radiotherapy in the Treatment of Skin Cancers	553
Jay S. Cooper	
CHAPTER 38	
Immunotherapy in the Treatment of Malignant Melanoma	569
Margaret Dugan, Ruth Oratz, and Jean-Claude Bystryn	
CHAPTER 39	
Psychological Understanding and Management of the Skin Cancer Patient.	580
Ingrid Freidenbergs	
내 시는 하고 하는 이렇게 되었다. 그렇게 되었다는데	
CHAPTER 40	
The Role of the Ophthalmologist in Management of Skin Cancers	589
Rene S. Rodriguez-Sains	
CHAPTER 41	
Medicolegal Problems in the Management of Patients with Skin Cancer	603
Eileen M. Redden and Daniel C. Baker	
INDEX	
INDEX	611

GENERAL PRINCIPLES OF CANCERS OF THE SKIN