

Contents

List of Contributors	xiv
1 Epidemiology of Malignant Meloma	
<i>J.A.H. Lee</i>	1
Complexity and Dissonance	1
Recall Bias	1
Exposure	2
Sex and Prognosis	3
Age and the Neoplastic Process	4
Rising Incidence Rates	4
Rising Population Death Rates	4
The Ozone Layer	6
Prognosis as Function of Incidence	7
Conclusion	8
2 Clinical Differential Diagnosis of Cutaneous Malignant Melanoma	
<i>Rona M. MacKie</i>	11
Introduction	11
Patients at Risk of Developing Melanoma	12
Lentigo Maligna Melanoma	13
Superficial Spreading Malignant Melanoma	14
Nodular Melanoma	16
Acral or Acral Lentiginous Melanoma	16
Aids to Clinical Diagnosis	17
3 Differential Diagnosis of Malignant Melanoma by Algorithm	
<i>R. E. Ashton</i>	19
Freckles (Ephelides)	20
Seborrhoeic Warts	20
Lentigo	20
Lentigo Maligna (Hutchinson's Freckle)	20
Junctional Naevus	20
Superficial Spreading Malignant Melanoma	22

Café au Lait Patch	22
Plane Warts	22
Skin Tags	22
Dermatofibroma (Histiocytoma)	22
Seborrhoeic Wart (Basal Cell Papilloma)	23
Compound Naevus	23
Nodular Malignant Melanoma	25
Pigmented Basal Cell Carcinoma	26
Blue Naevus	26
Giant Comedone	26
Solar Keratoses	27
Bowen's Disease	27
Squamous Cell Carcinoma	27
Basal Cell Carcinoma (Rodent Ulcer)	29
Irritated Seborrhoeic Wart	29
Pyogenic Granuloma	29
Spitz Naevus	30
Campbell de Morgan Spot (Cherry Angioma)	30
Haemangioma	33
 4 Clinical Diagnosis of Melanoma	
<i>P. Hall</i>	35
Introduction	35
The Patient's History	35
Types of Malignant Melanoma and Presenting Features ..	36
Accuracy in Diagnosis	40
Aids to Clinical Diagnosis	41
Image Analysis	42
 5 Familial Melanoma	
<i>Julia A. Newton</i>	53
Genetics	55
Estimates of Risk of Melanoma	56
Management of AMS Patients	56
Non-melanoma Malignancy in the AMS Families	57
Conclusions	58
 6 The Histological Diagnosis of Cutaneous Melanoma	
<i>W.J. Mooi and T. Krausz</i>	61
Clinical Data	62
Diagnostic Specimen	62
Histological Features	62
Melanoma	66
Melanoma in Childhood	70
Cutaneous Metastasis Versus (Second) Primary	
Melanoma	71
Prognosis of Melanoma	72
Routine Diagnostic Pathology Report of Melanoma	72

7	Histopathological Differential Diagnosis	
	<i>N.P. Smith</i>	75
	Benign Melanocytic Lesions with Histological Characteristics Normally Associated with Malignant Melanoma	79
	Dysplastic Naevi	93
	Conclusions	94
8	Prognostic Factors in Melanoma	
	<i>Michele M. Delaunay</i>	97
	Localized Melanoma (Stage I)	97
	Regional Nodal Melanoma (Stage IIIa)	105
	Disseminated Melanoma (Stage IV)	107
9	Surgery for Malignant Melanoma	
	<i>Judy Evans</i>	113
	Diagnostic Surgery	113
	Definitive Primary Treatment	116
	Later Aesthetic Plastic Surgery	119
	Curative Surgery for Metastases	119
	Palliative Surgery	121
10	Isolated Limb Perfusion	
	<i>R.D. Rosin</i>	123
	Techniques of Isolated Limb Perfusion	124
	Indications for Isolated Limb Perfusion	126
	Results of Therapeutic Isolated Limb Perfusion	127
	Prophylactic Isolated Limb Perfusion	130
	Conclusions	131
11	Systemic Treatment of Metastatic Malignant Melanoma	
	<i>E. Sheridan and B.W. Hancock</i>	135
	Introduction	135
	Single Agent Regimes	135
	Combination Regimes	139
	Dose Intensification	143
	Biological Therapy	146
	Conclusion	152
12	Progress and Prospects for Therapeutic Targeting Strategies for Disseminated Melanoma	
	<i>P.A. Riley</i>	157
	Introduction: The Problem of Disseminated Melanoma ..	157
	Possible Targeting Strategies	157
	Experimental Targeted Antimelanoma Therapy	162
	Conclusion	169

13	Psychological Aspects of Malignant Melanoma	
	<i>Lesley Fallowfield</i>	173
	Psychosocial Problems	174
	Inadequacy of Information	174
	Treatment of Side Effects	177
	Psychiatric Morbidity	178
	Personality and Malignant Melanoma	179
	Psychological Aftercare	181
Index		185