

Index

A

- AAD, 165
- ABCDE system, 83, 84
- Activation, 122
- Adjuvant radiotherapy, 106, 107
- Advanced melanoma, 127
- Age, 10, 33
- Age-standardized rate, 5, 6, 7
- Albinism, 33
- Anatomic distribution, 12
- Antigen presenting cell, 122
- Attenuative type, 67

B

- BAD, 166
- Basic science, 121
- Biology, 123
- Biomarkers, 39, 130
- Biopsy, 84, 93
- Body sites, 28
- BRCA2 mutation, 81

C

- CDKN2A, 81
- Chemotherapy, 147
- Chest X-ray, 169
- Clark's levels, 85
- Cleft formation, 68
- Clinical application, 121
- Clinical presentation, 79
- Clinical, 82
- Clinically negative, 93

- Concomitant agents, 109
- Computed tomography, 171
- Congenital melanocytic nevi, 81
- Consumption of epidermis, 68
- CTLA-4, 123, 124
- Cyclooxygenase-2, 45

D

- Detection, 145
- Diagnosis, 34, 82
- Diagnostic strategies, 84
- Disease types, 85

E

- Elective lymph node dissection, 95
- ELND, 95
- Embryonic phenotype, 60
- Endogenous enzyme inhibitors, 47
- Enzyme markers, 47
- Enzymes, 42
- Epidemiology, 3, 23
- Epidermal hyperplasia, 69
- Epidermal involvement, 70
- Epidermis, 68
- ESMO, 165
- Ethnicity, 5
- Etiology, 80

F

- FAMMM, 81
- Fitzpatrick classification, 83

G

Genetics, 33
Geography, 5, 24
GMMANZ, 167
Guidelines for excision, 92
Guidelines, 165

H

Heterogeneity, 57
Heterogeneous, 59, 71
Histologic confirmation, 84
Historical perspective, 102
HIV, 32

I

Imaging, 169
Immune checkpoint inhibitors, 121
In transit metastatic disease, 97
Incidence, 5, 26
Increased risk, 81
Indications, 94
Infiltrative type, 67
Ipilimumab, 127

L

Laboratory tests, 168
Lactate dehydrogenase, 43
Lentigo maligna, 104
Liposomes, 148
Localized disease, 92
Long-term management, 161
Lymph node ultrasonography, 170
Lymphadenectomy, 95, 96

M

Magnetic resonance imaging, 171
Malignant melanoma, 39

Management, 161
Margins for surgical excision, 93
Matrix metalloproteinases, 46
Melanocytes, 4, 80
Melanoma, 3, 23, 39, 57, 67, 79, 91, 101, 121, 143
Metabolites, 43
Metastatic melanoma, 97
MOHS micrographic surgery, 92
Mortality, 13, 34
Mucosal melanomas, 104

N

Nevi, 31
Nano therapies, 147
Nanohydrogels, 148
Nanomedicine, 143
NCCN, 165
Ninosomes, 148
Nivolumab, 131
Nodalm 61, 107
Nonprotein biomarkers, 50
Nucleic acids, 43

O

Ocular melanomas, 105

P

Palliative radiotherapy, 107
Patient history, 82
PD-1, 126, 128, 131
Pembrolizumab, 131
Physical examination, 83
Plasticity, 57
Polymeric nanoparticles, 147
Population, 26, 81
Positron emission tomography, 171

- Predictions, 12
 Prevention, 14
 Primary prevention, 15
 Progenitor markers, 43, 49
 Prognostic factors, 85
 Prognostic impact, 67, 72
 Proliferation, 68
 Stereotactic radiosurgery, 101, 103
 Subtypes, 85
 Sun exposure, 31
 Surgical consideration, 96
 Surgical management, 91
 Surveillance, 162
 Swiss guidelines, 167

R

- Radiation therapy, 101
 Radiotherapy, 147
 Reactive hyperplasia, 67, 69
 Recommendations, 82
 Re-epithelialization, 67, 69
 Regional lymph nodes, 93
 Resistance, 133
 Resolved ulceration, 69
 Risk factors, 29, 80

S

- S100 proteins, 43, 48
 SBRT, 101, 103
 Screening, 80, 82
 Secondary prevention, 15
 Secreted proteins, 42
 Sentinel lymph node biopsy, 93
 Sentinel node, 94
 Sex, 10, 32
 Short-term management, 161
 SLNB, 93, 94
 South Africa, 23, 24
 SRS, 101, 103
 Stage, 34
 Staging, 86, 87
 Stem cell markers, 43, 49
 Stem cell, 62
 Stereotactic body radiotherapy, 101, 103

T

- TCE, 162
 T-cell responses, 122
 TCP, 167
 Theranostic nanomedicine, 148
 Total cutaneous examination, 162
 Total cutaneous photography, 167
 Toxicity, 125, 129
 Trauma, 31
 Treatment, 121, 145
 Trends, 12
 Tyrosinase, 44

U

- Ulcerated melanoma, 67
 Ulceration, 68
 Ultraviolet, 5

V

- Vascular phenotype, 58

W

- Weather, 25

X

- Xeroderma pigmentosum, 81