

Section One: Overview of Basic Science

0. Basic Principles of Dermatology
1. Anatomy and Pathophysiology
2. Skin Development and Maintenance
3. Molecular Biology
4. Immunology

Section Two: Pruritus

5. Cutaneous Neurophysiology
6. Pruritus and Dysesthesia
7. Psychocutaneous Diseases

Section Three: Papulosquamous and Eczematous Dermatoses

8. Psoriasis
9. Other Papulosquamous Disorders
10. Erythroderma
11. Lichen Planus and Lichenoid Dermatoses
12. Atopic Dermatitis
13. Other Eczematous Eruptions
14. Allergic Contact Dermatitis
15. Irritant Contact Dermatitis
16. Occupational Dermatoses
17. Dermatoses Due to Plants

Section Four: Urticarias, Erythemas and Purpuras

18. Urticaria and Angioedema
19. Figurate Erythemas
20. Erythema Multiforme, Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis
21. Drug Reactions
22. Purpura: Mechanisms and Differential Diagnosis
23. Cutaneous Manifestations of Microvascular Occlusion Syndromes
24. Cutaneous Vasculitis
25. Neutrophilic Dermatoses
26. Eosinophil-Associated Dermatoses
27. Pregnancy Dermatoses

Section Five: Vesiculobullous Diseases

- 28. The Biology of the Basement Membrane
- 29. Pemphigus
- 30. Pemphigoid Group
- 31. Dermatitis Herpetiformis and Linear IgA Bullous Dermatitis
- 32. Epidermolysis Bullosa
- 33. Other Vesiculobullous Diseases
- 34. Vesiculopustular and Erosive Disorders in Newborns and Infants

Section Six: Adnexal Diseases

- 35. Structure and Function of Eccrine, Apocrine, and Sebaceous Glands
- 36. Acne Vulgaris
- 37. Rosacea and Related Disorders
- 38. Folliculitis, Follicular Occlusion Tetrad, and Other Follicular Disorders
- 39. Diseases of the Eccrine and Apocrine Sweat Glands

Section Seven: Rheumatologic Dermatology

- 40. Autoantibodies Encountered in Patients with Autoimmune Connective Tissue Diseases
- 41. Lupus Erythematosus
- 42. Dermatomyositis
- 43. Systemic Sclerosis (Scleroderma) and Related Disorders
- 44. Morphea and Lichen Sclerosus
- 45. Other Rheumatologic Disorders and Autoinflammatory Diseases

Section Eight: Metabolic and Systemic Diseases

- 46. Mucinoses
- 47. Amyloidosis
- 48. Deposition Diseases
- 49. Porphyria
- 50. Calcifying and Ossifying Disorders of the Skin
- 51. Nutritional Diseases
- 52. Graft-versus-Host Disease
- 53. Dermatologic Manifestations in Patients with Systemic Disease

Section Nine: Genodermatoses

- 54. Basic Principles of Genetics

- 55. Genetic Basis of Cutaneous Diseases
- 56. Biology of Keratinocytes
- 57. Ichthyoses, Erythrokeratodermas, and Related Disorders
- 58. Palmoplantar Keratodermas
- 59. Darier Disease and Hailey–Hailey Disease
- 60. Primary Immunodeficiencies
- 61. Neurofibromatosis and Tuberous Sclerosis
- 62. Cutaneous Mosaicism
- 63. Other Genodermatoses
- 64. Developmental Anomalies

Section Ten: Pigmentary Disorders

- 65. Melanocyte Biology
- 66. Vitiligo and Other Disorders of Hypopigmentation
- 67. Disorders of Hyperpigmentation

Section Eleven: Hair, Nails, and Mucous Membranes

- 68. Biology of Hair and Nails
- 69. Alopecias
- 70. Hypertrichosis and Hirsutism
- 71. Nail Disorders
- 72. Oral Disease
- 73. Anogenital (Non-venereal) Disease

VOLUME TWO

Section Twelve: Infections, Infestations and Bites

- 74. Bacterial Diseases
- 75. Mycobacterial Infections
- 76. Rickettsial Diseases
- 77. Fungal Diseases
- 78. Cutaneous Manifestations of HIV Infection
- 79. Human Papillomaviruses
- 80. Human Herpesviruses
- 81. Other Viral Diseases
- 82. Sexually Transmitted Infections

83. Protozoa and Worms

84. Infestations

85. Bites and Stings

Section Thirteen: Disorders Due to Physical Agents

86. Ultraviolet Radiation

87. Photodermatologic Disorders

88. Environmental and Sports-Related Skin Diseases

89. Signs of Drug Abuse

90. Skin Signs of Abuse

Section Fourteen: Disorders of Langerhans Cells and Macrophages

91. Histiocytoses

92. Xanthomas

93. Non-infectious Granulomas

94. Foreign Body Reactions

Section Fifteen: Atrophies and Disorders of Dermal Connective Tissues

95. Biology of the Extracellular Matrix

96. Perforating Diseases

97. Heritable Disorders of Connective Tissue

98. Dermal Hypertrophies

99. Atrophies of Connective Tissue

Section Sixteen: Disorders of Subcutaneous Fat

100. Panniculitis

101. Lipodystrophies

Section Seventeen: Vascular Disorders

102. Vascular Biology

103. Infantile Hemangiomas

104. Vascular Malformations

105. Ulcers

106. Other Vascular Disorders

Section Eighteen: Neoplasms of the Skin

107. Principles of Cutaneous Tumor Biology

108. Actinic Keratosis, Basal Cell Carcinoma, and Squamous Cell Carcinoma

- 109. Benign Epidermal Tumors and Proliferations
- 110. Cysts
- 111. Adnexal Neoplasms
- 112. Benign Melanocytic Neoplasms
- 113. Melanoma
- 114. Vascular Neoplasms and Neoplastic-like Proliferations
- 115. Neural and Neuroendocrine Neoplasms (Other than Neurofibromatosis)
- 116. Fibroblastic, Myofibroblastic and “Fibrohistiocytic” Proliferations and Neoplasms of the Skin
- 117. Smooth Muscle, Adipose and Cartilage Neoplasms
- 118. Mastocytosis
- 119. B-Cell Lymphomas of the Skin
- 120. Cutaneous T-Cell Lymphoma
- 121. Other Lymphoproliferative and Myeloproliferative Diseases
- 122. Cutaneous Metastases

Section Nineteen: Medical Therapy

- 123. Public Health and Dermatology
- 124. Skin Barrier and Transdermal Drug Delivery
- 125. Glucocorticoids
- 126. Retinoids
- 127. Antimicrobial Drugs
- 128. Systemic Immunomodulators
- 129. Other Topical Medications
- 130. Other Systemic Drugs
- 131. Drug Interactions
- 132. Sunscreens and Photoprotection
- 133. Complementary and Alternative Medicine

Section Twenty: Physical Treatment Modalities

- 134. Ultraviolet Therapy
- 135. Photodynamic Therapy
- 136. Lasers and Other Energy-based Technologies – Principles and Skin Interactions
- 137. Lasers and Other Energy-Based Therapies
- 138. Cryosurgery

139. Radiotherapy

140. Electrosurgery

Section Twenty-One: Surgery

141. Biology of Wound Healing

142. Surgical Anatomy of the Head and Neck

143. Anesthesia

144. Wound Closure Materials and Instruments

145. Dressings

146. Biopsy Techniques and Basic Excisions

147. Flaps

148. Grafts

149. Nail Surgery

150. Mohs Micrographic Surgery

151. Surgical Complications and Optimizing Outcomes

Section Twenty-Two: Cosmetic Surgery

152. Evaluation of Beauty and the Aging Face

153. Cosmetics and Cosmeceuticals

154. Chemical and Mechanical Skin Resurfacing

155. Phlebology and Treatment of Leg Veins

156. Body Contouring: Liposuction and Non-invasive Modalities

157. Hair Restoration

158. Injectable Soft Tissue Augmentation

159. Botulinum Toxin