

Contents

Acne

A Précis of Pathogenesis	3
The Anatomy of Follicles	5
Epidermal Lipids	26
Sebaceous Glands	33
Anatomy of Sebaceous Glands	33
Physiology of Sebaceous Glands	34
Methods of Measuring Sebum Secretion	35
The Role of Lipids in the Pathogenesis of Acne	36
Factors Influencing Sebum Production	39
Microorganisms	59
The Dynamics of Inflammatory Acne: Immunologic Factors	73
The Evolution of the Comedo	75
The Dynamics of Primary Comedo Formation	79
The Dynamics of Secondary Comedo Formation	87
The Cyst	87
The Fistulated Polyporous Comedo	88
The Draining Sinus	88
The Dynamics of Inflammation	122
Inflammatory Lesions and Sequels	125
The Pustule	125
The Papule	126
The Nodule	126
The Draining Sinus	127
The Scope of Scars	170
Classification of Acne	221

Animal Models

Syrian Hamster Model	229
Rabbit Ear Model	234
Rhino Mouse Model	241

The Acnes

Acne in Infancy	247
Acne Neonatorum	247
Acne Infantum	247
Acne Conglobata Infantum	248
Acne Venenata Infantum	248
Steroid Acne in Infants	248
Hippie Acne, Chap-Stick Acne, McDonald's Acne, and Kelp Acne	249
Chloracne in Children	249
Fetal Hydantoin Syndrome	249
Androluteoma Syndrome of Pregnancy	249
Acne Comedonica (Comedonal Acne)	256
Acne Papulopustulosa (Papulopustular Acne)	263
Acne Conglobata (Conglobate Acne)	270
Acne Inversa	284
Acne Fulminans	318
Solid Facial Persistent Edema of Acne Vulgaris	329
Acne Mechanica	331
Back Acne	337
Acne Tropicalis (Tropical Acne)	339
Postadolescent Acne in Women	341
Premenstrual Acne	345
Postmenopausal Acne	345
Masculinizing Syndromes in Women	347
Androgen Excess in Men	351
XYY Acne Conglobata	351
Body Building Acne	352
Acne Fulminans from Testosterone Therapy in Excessively Tall Boys	353
Excoriations	356
Acne Venenata	360
The Occupational Acnes	360
Acne Cosmetica	369
Chap-Stick Acne	375
Pomade Acne	375
Chloracne	376
Solar Comedones (Favre-Racouchot's Disease)	396
Acne Aestivalis (Mallorca Acne)	400
Radiation-Induced Comedones	404

Acneiform Diseases

Acneiform Eruptions	406
Steroid Acne	415
Amineptine Acne	425

Rosacea

Description	433
Pathogenesis	433
Clinical Findings	434
Episodic Erythema (The Rosacea Diathesis)	434
Stage I Rosacea	434
Stage II Rosacea	435
Stage III Rosacea	435
Variants of Rosacea	435
Persistent Edema of Rosacea	435
Ophthalmic Rosacea	436
Lupoid or Granulomatous Rosacea	436
Steroid Rosacea	436
Gram-Negative Rosacea	437
Rosacea Conglobata	437
Rosacea Fulminans	437
Phymas in Rosacea	438
Histopathology	438
Treatment	439

Other Acne-Like Disorders

Perioral Dermatitis	479
The Role of <i>Demodex</i>	482
Gram-Negative Folliculitis	488
Acne Necrotica (Necrotizing Lymphocytic Folliculitis)	500
Sebaceous Gland Hyperplasia	506
Trichostasis Spinulosa	509
Steatocystoma Multiplex	512
Eruptive Vellus Hair Cysts	519
Dilated Pore	521
Pilar Sheath Acanthoma	525
Omphalolith: The Ugly Nabelstein	529
Keratosis Pilaris	530
Pseudofolliculitis of the Beard	531
Osteoma Cutis and Pigmented Osteoma Cutis	535
Minocycline-Induced Hyperpigmentation	541

Therapy

History of Therapy: Past, Present, and Future	555
Treatment: General Statements	558
Appraisal of Efficacy	566

Topical

Tretinoin (<i>all-trans</i> -Retinoic Acid, Vitamin A Acid)	584
Benzoyl Peroxide	599
Miscellaneous Exfoliants (Peeling Agents)	602
Topical Antibiotics	603
Azelaic Acid	606

Systemic	
Antibiotics: Tetracyclines and Erythromycin	611
Isotretinoin (13- <i>cis</i> -Retinoic Acid)	625
Vitamin A (Retinol)	654
Sulfonamides	655
Sulfones (DADPS, DDS, Dapsone)	656
Estrogens and Oral Contraceptives	659
Antiandrogens and Aldosterone Antagonists	662
Corticosteroids	670
Zinc.	673
Physical Therapy	
Ultraviolet Radiation	674
Cryotherapy	679
Abrasives	680
α -Hydroxy Acids: A Peeling Agent for Acne?	681
Lasers	682
X-Ray Therapy: A Historical Note	684
Acne Surgery	685
Dermabrasion	685
Excision	690
Punch-Graft Elevation or Punch-Graft Transplant	690
Collagen Injection	697
Silicone Injection	702
Camouflage	707
Psychosocial Aspects	709
Spontaneous Involution of Acne	711
Subject Index	713