

Hugh Morris Gloster, Jr.
Lauren E. Gebauer
Rachel L. Mistur

Absolute Dermatology Review

Mastering Clinical Conditions
on the Dermatology
Recertification Exam

 Springer

Absolute Dermatology Review

Hugh Morris Gloster, Jr. • Lauren E. Gebauer
Rachel L. Mistur

Absolute Dermatology Review

Mastering Clinical Conditions on the
Dermatology Recertification Exam

 Springer

Hugh Morris Gloster, Jr.
Professor of Dermatology
University of Cincinnati School of Medicine
Cincinnati, Ohio
USA

Rachel L. Mistur
College of Medicine
University of Cincinnati
Cincinnati, Ohio
USA

Lauren E. Gebauer
Department of Dermatology
University of Cincinnati Dermatology Surgical
Fellow
Cincinnati, Ohio
USA

ISBN 978-3-319-03217-7 ISBN 978-3-319-03218-4 (eBook)
DOI 10.1007/978-3-319-03218-4

Library of Congress Control Number: 2015941104

Springer Cham Heidelberg New York Dordrecht London
© Springer International Publishing Switzerland 2016

This work is subject to copyright. All rights are reserved by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed.

The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

The publisher, the authors and the editors are safe to assume that the advice and information in this book are believed to be true and accurate at the date of publication. Neither the publisher nor the authors or the editors give a warranty, express or implied, with respect to the material contained herein or for any errors or omissions that may have been made.

Printed on acid-free paper

Springer International Publishing AG Switzerland is part of Springer Science+Business Media (www.springer.com)

Contents

Chapter I Papulosquamous and Eczematous Dermatoses

1 Psoriasis Vulgaris	3
Chronic Plaque Psoriasis	3
Erythrodermic Psoriasis	4
Generalized Pustular Psoriasis	5
Palmoplantar Psoriasis	5
Guttate Psoriasis	6
2 Lichen Planus	7
Lichen Planus	7
Hypertrophic Lichen Planus	7
Mucosal Lichen Planus	8
Lichen Planus of the Nails	8
Erosive Lichen Planus (Vulvovaginal)	9
Annular Variant of Lichen Planus	10
Drug Induced Lichen Planus	10
3 Dermatitis	11
Contact Dermatitis	11
Allergic Contact Dermatitis	11
Irritant Contact Dermatitis	12
Seborrheic Dermatitis	13
Infantile Seborrheic Dermatitis	14
Atopic Dermatitis	15
Infantile Atopic Dermatitis	15
Childhood Atopic Dermatitis	15
Adult Atopic Dermatitis	16
Periorificial Dermatitis	17
Stasis Dermatitis	18
Asteatotic Dermatitis	18
Dyshidrotic Dermatitis	19
4 Keratosis Pilaris	21
5 Lichen Simplex Chronicus	23
6 Lichen Striatus	25
7 Pityriasis Lichenoides	27
Pityriasis Lichenoides Et Varioliformis Acuta	27
Pityriasis Lichenoides Chronica	28
8 Pityriasis Rosea	31

9	Pityriasis Alba	33
10	Pityriasis Rubra Pilaris	35
11	Granular Parakeratosis	37
 Chapter II Cutaneous Vasculitis, Vasculopathy, and Microvascular Occlusion Syndromes		
12	Small Vessel Vasculitis: Leukocytoclastic Vasculitis	41
	Leukocytoclastic Vasculitis	41
	Henoch-Schonlein Purpura	43
	Acute Hemorrhagic Edema of Infancy	44
	Urticarial Vasculitis	45
	Erythema Elevatum Diutinum	47
13	Mixed Small and Medium Vessel Vasculitis	49
	Cryoglobulinemic Vasculitis	49
	ANCA-Associated Vasculitis	50
	Wegener's Granulomatosis	50
	Churg–Strauss Syndrome	51
14	Medium-Sized Vessel Vasculitis	53
	Polyarteritis Nodosa	53
15	Livedoid Vasculopathy (Atrophie Blanche)	55
16	Coumadin Necrosis	57
 Chapter III Vesiculobullous Diseases		
17	Bullous Pemphigoid	61
18	Mucous Membrane (Cicatrical) Pemphigoid	63
19	Pemphigoid Gestationis	65
20	Pemphigus Vulgaris	67
21	Pemphigus Foliaceus	69
22	Pemphigus Vegetans	71
23	Hailey-Hailey Disease (Benign Familial Pemphigus)	73
24	Paraneoplastic Pemphigus	75
25	Dermatitis Herpetiformis	77
26	Linear IgA Bullous Dermatitis	81
27	Epidermolysis Bullosa	83
	Epidermolysis Bullosa Simplex	83
	Junctional Epidermolysis Bullosa	84
	Dominant Dystrophic Epidermolysis Bullosa	84
	Recessive Dystrophic Epidermolysis Bullosa	85
	Epidermolysis Bullosa Aquisita	85
28	Erythema Toxicum Neonatorum	87

Chapter IV Adnexal Diseases

29 Acne Vulgaris	91
30 Acne Rosacea	93
Erythematotelangiectatic Acne Rosacea	93
Papulopustular Acne Rosacea	94
Phymatous Acne Rosacea	95
Ocular Acne Rosacea	95
Granulomatous Acne Rosacea	96
Rosacea Fulminans	97
31 Fox-Fordyce Disease (Apocrine Miliaria)	99
32 Hidradenitis Suppurativa	101

Chapter V Autoimmune Disorders

33 Lupus Erythematosus	105
Discoid Lupus Erythematosus (Chronic Cutaneous Lupus)	105
Subacute Cutaneous Lupus Erythematosus	107
Acute Cutaneous Lupus Erythematosus	108
Systemic Lupus Erythematosus	109
Bullous Lupus Erythematosus	110
Tumid Lupus Erythematosus	111
Lupus Panniculitis	112
Chilblain Lupus (Lupus Pernio)	113
Neonatal Lupus Erythematosus	114
34 Dermatomyositis	115
35 Scleroderma and Sclerodermoid Skin Conditions	119
Scleroderma (Progressive Systemic Sclerosis)	119
Morphea	121
Plaque Morphea	121
Linear Morphea	122
Generalized Morphea	123
Eosinophilic Fasciitis	123
Lichen Sclerosus et Atrophicus	123
Genital Lichen Sclerosus et Atrophicus	124
Nephrogenic Systemic Fibrosis	125
Lipodermatosclerosis	127
Lipodermatosclerosis (Acute Phase)	127
Lipodermatosclerosis (Chronic Phase)	127
36 Graft-Versus-Host Disease	129
Acute Graft-Versus-Host Disease	129
Chronic Graft-Versus-Host Disease	130

Chapter VI Metabolic and Deposition Diseases

37 Mucinoses	135
Scleromyxedema	135
Scleredema	137

Pretibial Myxedema	138
Follicular Mucinosis	139
Type 1 Follicular Mucinosis	139
Type 2 Follicular Mucinosis	140
38 Amyloidosis	141
Macular Amyloidosis	141
Lichen Amyloidosis	141
Primary Nodular Cutaneous Amyloidosis	142
Primary Systemic Amyloidosis	142
39 Porphyria Cutanea Tarda	145
40 Calcifying Disorders	147
Calcinosis Cutis	147
Calciophylaxis	148
41 Nutritional Deficiencies	149
Scurvy	149
Pellagra	151
Zinc Deficiency (Acrodermatitis Enteropathica)	152
42 Ochronosis	153
Exogenous Ochronosis	153
Endogenous Ochronosis (Alkaptonuria)	153
 Chapter VII Cutaneous Manifestations of Systemic Diseases	
43 Cutaneous Manifestations of Rheumatoid Arthritis	157
44 Cutaneous Manifestations of Diabetes Mellitus	159
Necrobiosis Lipoidica Diabeticorum	159
Acanthosis Nigricans	160
Bullous Diabeticorum	160
Diabetic Dermopathy	161
Neuropathic Ulcers	161
Scleredema Diabeticorum	162
Eruptive Xanthomas	162
45 Cutaneous Manifestations of Thyroid Disease	163
Pretibial Myxedema	163
Generalized Myxedema	164
Acquired Ichthyosis	165
Alopecia	165
46 Cutaneous Manifestations of Cushing's Syndrome	167
47 Cutaneous Manifestations of Addison's Disease	169
48 Cutaneous Manifestations of Gastrointestinal Disease	171
Cutaneous Manifestations of Inflammatory Bowel Disease	171
Erythema Nodosum	171
Leukocytoclastic Vasculitis	172
Sweet's Syndrome	172
Pyoderma Gangrenosum	173
Cutaneous Diseases Associated with Gastrointestinal Bleeding	174
Hereditary Hemorrhagic Telangiectasia (Osler Weber Rendu)	174

Blue Rubber Bleb Nevus Syndrome	175
Pseudoxanthoma Elasticum	176
Cutaneous Manifestations of Cirrhosis of the Liver	176
Telangiectasias	176
Spider Angiomas	177
Palmar Erythema	177
Terry's Nails	178
Hemochromatosis	178
Wilson's Disease	179
49 Cutaneous Manifestations Renal Disease	181
Nephrogenic Systemic Fibrosis	181
Acquired Perforating Dermatitis (Kyrle's Disease)	183
50 Cutaneous Manifestations of Internal Malignancy	185
Acanthosis Nigricans	185
Bazex Syndrome (Acrokeratosis Neoplastica)	185
Erythema Gydatum Repens	187
Necrolytic Migratory Erythema	187
Acquired Hypertrichosis Lagunosa	189
Paraneoplastic Pemphigus	189
Peutz-Jeghers Syndrome	189
Muir-Torre Syndrome	190
 Chapter VIII Genodermatoses and Developmental Anomalies	
51 Genodermatoses	193
Darier's Disease	193
Ichthyosis	195
Ichthyosis Vulgaris	195
Lamellar Ichthyosis	195
X Linked Ichthyosis	196
Bullous Congenital Ichthyosiform Erythroderma	197
Netherton's Syndrome	198
Neurofibromatosis Type 1	201
Tuberous Sclerosis	202
Incontinentia Pigmenti	204
Cowden's Syndrome	206
Cutis Laxa	207
Ehlers Danlos Syndrome	209
Pachyonychia Congenita	211
Pseudoxanthoma Elasticum	212
52 Developmental Anomalies	215
Aplasia Cutis Congenita	215
Hair Collar Sign	217
 Chapter IX Infections	
53 Viral Infections	221
Condyloma Acuminata (Anogenital Warts)	221
Bowenoid Papulosis	222
Verruca Vulgaris (Common Wart)	222
Palmar and Plantar Warts	223

Flat Warts	223
Epidermodysplasia Verruciformis.	224
Erythema Infectiosum (Fifth Disease)	225
Hand-Foot-Mouth Disease	226
Herpes Simplex Virus	227
Oral-labial Herpes Simplex Virus-1	227
Genital Herpes Simplex Virus-2	228
Eczema Herpeticum (Kaposi's Varicelliform Eruption).	229
Herpetic Whitlow	230
Neonatal Herpes Simplex Virus Infection	230
Herpes Zoster	231
Disseminated Herpes Zoster	231
Acute Herpes Zoster Ophthalmicus	231
Ramsay Hunt Syndrome	232
Varicella (Chicken Pox)	232
Molluscum Contagiosum	233
54 Fungal Infections.	235
Deep Fungal Infections	235
Blastomycosis	235
Sporotrichosis	236
Coccidioidomycosis	236
Cryptococcosis	237
Fungal Folliculitis	238
Malassezia (Pityrosporum) Folliculitis	238
Onychomycosis.	239
Dermatophyte (Tinea) Infections	240
Tinea Pedis	240
Tinea Manuum	243
Tinea Corporis.	243
Majocchi's Granuloma	245
Tinea Faciei.	245
Tinea Barbae	247
Tinea Capitis	248
Tinea Cruris.	250
Tinea Incognito	250
Tinea Incognito	251
Tinea Versicolor	251
55 Bacterial Infections.	253
Cellulitis	253
Perianal Streptococcal Cellulitis.	254
Erythrasma	254
Folliculitis	255
Bacterial Folliculitis	255
Eosinophilic Pustular Folliculitis	257
Drug Induced Folliculitis	258
Gonococcemia.	259
Meningococcemia.	259
Impetigo	260
Non Bullous Impetigo.	260
Bullous Impetigo.	261
Leishmaniasis	262
Local Cutaneous Leishmaniasis	263
Mucocutaneous Leishmaniasis	263
Diffuse Cutaneous Leishmaniasis.	264

Leprosy	264
Tuberculoid Leprosy	264
Borderline Tuberculoid Leprosy	265
Borderline Lepromatous Leprosy	266
Lepromatous Leprosy	267
Reversal Reactions	268
Mycobacterial Infections	270
Cutaneous Tuberculosis	270
Non Tuberculous Mycobacterial Infections	272
Pitted Keratolysis	273
Rocky Mountain Spotted Fever	273
Syphilis	275
Primary Syphilis	275
Secondary Syphilis	275
Tertiary Syphilis	280
 Chapter X Infestations and Bites	
56 Cutaneous Larva Migrans	283
57 Bed Bugs and Fleas	285
58 Brown Recluse Spider Bite	287
59 Scabies	289
60 Norwegian Crusted Scabies	291
61 Lice	293
Pubic Lice	293
Head Lice	294
62 Tunga Penetrans (Tungiasis)	295
 Chapter XI Hair, Nails, and Mucous Membranes	
63 Alopecias	299
Non Scarring Alopecias	299
Telogen Effluvium	299
Anagen Effluvium	300
Androgenetic Alopecia	300
Trichotillomania	301
Alopecia Areata	302
Scarring Alopecias	303
Central Centrifugal Cicatricial Alopecia	303
Lichen Planopilaris	303
Discoid Lupus Erythematosus	304
Dissecting Cellulitis	304
Folliculitis Decalvans	305
Acne Keloidalis Nuchae	306
Frontal Fibrosing Alopecia	306
Traction Alopecia	307
64 Nail Disease	309
Trachyonychia	309
Beau's Lines	309
Half and Half Nails (Lindsay's Nails)	310
Yellow Nail Syndrome	310

Onychorrhexis	310
Punctate Leukonychia	311
Striate Leukonychia	311
Onychomadesis	312
Koilonychia	312
Terry's Nails	313
Clubbing	313
Psoriatic Nail Disease	314
65 Mucous Membrane Disease	315
Geographic Tongue (Benign Migratory Glossitis)	315
Oral Hairy Leukoplakia	315
Aphthous Stomatitis	316
Minor Aphthous Stomatitis	316
Major Aphthous Stomatitis	316
Chapter XII Benign Neoplasms	
66 Accessory Tragus	319
67 Accessory (Supernumerary) Digit	321
68 Acquired Digital Fibrokeratoma	323
69 Adnexal Tumors	325
Trichoepithelioma	325
Multiple Trichoepitheliomas	326
Cylindroma	326
Syringoma	327
Nevus Sebaceous	328
Trichofolliculoma	329
Poroma	330
70 Becker's Nevus	331
71 Cysts	333
Epidermoid Cyst	333
Milia	334
Steatocystoma Multiplex	334
Eruptive Vellus Hair Cysts	334
72 Dermatofibroma	335
Dermatofibroma (Dermoscopy)	336
73 Melanocytic Nevi	337
Halo Nevus	337
Halo Nevus (Dermoscopy)	337
Congenital Nevus	338
Large Congenital Nevus	338
Congenital Nevus (Dermoscopy)	339
Junctional Nevi	339
Junctional Nevi (Dermoscopy)	340
Compound Nevus	340
Compound Nevus (Dermoscopy)	340
Intradermal Nevus	341
Nevus Spilus	341
Spitz Nevus	342
Spitz Nevus (Dermoscopy)	342

Blue Nevus	342
Common Blue Nevus	342
Cellular Blue Nevus	343
Blue Nevus (Dermoscopy)	343
Nevus of Ito (Nevus Fuscoeruleus Acromiodeltoides)	343
Nevus of Ota (Nevus Fuscoeruleus Ophthalmomaxillaris).	345
Nevus Comedonicus	345
74 Mucocele	347
75 Pyogenic Granuloma.	349
76 Seborrheic Keratosis.	351
Seborrheic Keratosis (Dermoscopy).	352
77 Skin Tags	353
78 Supernumerary Nipples	355
79 Confluent and Reticulated Papillomatosis	357
80 Epidermal Nevus.	359
81 Inflammatory Linear Epidermal Nevus	361
 Chapter XIII Malignant and Premalignant Neoplasms	
82 Actinic Keratosis	365
Hypertrophic Actinic Keratosis	365
Pigmented Actinic Keratosis.	366
83 Actinic Cheilitis	367
84 Angiosarcoma	369
Angiosarcoma-Stewart Treves Syndrome.	370
85 Cutaneous Metastases.	371
Cutaneous Metastases to the Scalp	372
Cutaneous Metastases to the Abdomen	373
Sister Mary Joseph Nodule	373
Cutaneous Metastases of Breast Cancer	373
Cancer en Cuirasse	373
Paget's Disease	374
Inflammatory Carcinoma (Carcinoma Erysipeloides)	375
86 Dermatofibrosarcoma Protuberans.	377
87 Kaposi's Sarcoma	379
Classic Kaposi's Sarcoma.	379
African Endemic Kaposi's Sarcoma.	380
AIDS Related Kaposi's Sarcoma	380
88 Keratoacanthoma	381
89 Malignant Melanoma	383
Superficial Spreading Melanoma	383
Nodular Melanoma	384
Lentigo Maligna Melanoma	386
Acral Lentiginous Melanoma	387
Acral Lentiginous Melanoma of the Nail Apparatus	388
Dermoscopy in Melanoma	389

90 Basal Cell Carcinoma	391
Superficial Basal Cell Carcinoma	391
Nodular Basal Cell Carcinoma	392
Dermoscopy of Nodular Basal Cell Carcinoma	392
Morpheaform Basal Cell Carcinoma	392
Pigmented Basal Cell Carcinoma	393
Dermoscopy of Pigmented Basal Cell Carcinoma	394
91 Squamous Cell Carcinoma	395
Squamous Cell Carcinoma In Situ (Bowen's Disease)	395
Invasive Squamous Cell Carcinoma	395
Erythroplasia of Queyrat	396
Verrucous Carcinoma	397
Epithelioma Cuniculatum	397
Giant Condyloma of the Genitalia (Buschke-Lowenstein Tumor)	398
Oral Florid Papillomatosis	398
92 Extramammary Paget's Disease	399
93 Cutaneous Lymphomas	401
T Cell Lymphomas	401
Mycosis Fungoides	401
Folliculotropic Cutaneous T-Cell Lymphoma	403
Granulomatous Slack Skin	404
Sezary Syndrome	406
Primary Cutaneous CD 30+ Anaplastic Large Cell Lymphoma	406
Lymphomatoid Papulosis	407
Subacute Panniculitis-Like T Cell Lymphoma	409
B Cell Lymphomas	409
Follicular Center Lymphoma	409
Marginal Zone Lymphoma	410
Diffuse Large B Cell Lymphoma	410

Chapter XIV Disorders Due to Physical Agents

94 Chondrodermatitis Nodularis Helicis	413
95 Factitial Disease	415
96 Prurigo Nodularis	417
97 Trauma Induced Skin Disease	419
Talon Noir	419
Erythema Ab Igne	419
Erythema Ab Igne (Early)	419
Erythema Ab Igne (Late)	420
Corns	420
Hard Corns	420
Soft Corns	420
Calluses	421
Subungual Hematoma	421
Surgery Induced Ecchymoses	421
Piezogenic Papules	422
Traumatic Tattoo	422

98 Photodermatoses	423
Phototoxicity	423
Photoallergy	425
Actinic Damage	426
Actinic Purpura	426
Poikiloderma of Civatte	426
Polymorphous Light Eruption	426
Chronic Actinic Dermatitis	427
99 Radiation Dermatitis	429
Acute Radiation Dermatitis	429
Chronic Radiation Dermatitis	430

Chapter XV Drug Reactions, Erythemas, and Urticarias

100 Drug Reactions	433
Acute Generalized Exanthematous Pustulosis	433
Drug Induced Hyperpigmentation	434
Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS)	436
Fixed Drug Eruption	437
Erythema Multiforme	438
Stevens Johnson Syndrome and Toxic Epidermal Necrolysis	439
Steroid Induced Atrophy	441
Steroid Induced Epidermal Atrophy	441
Steroid Induced Dermal Atrophy	441
Steroid Induced Fat Atrophy	442
Morbilliform Drug Eruption	443
101 Erythemas	445
Figurate Erythemas	445
Erythema Annulare Centrifigum	445
Erythema Gydatum Repens	446
Erythema Chronicum Migrans	447
Necrolytic Acral Erythema	447
Necrolytic Migratory Erythema	448
102 Urticarias	449
Urticaria	449
Urticaria – Dermatographism	450
Delayed Pressure Urticaria	451
Cold Induced Urticaria	452
Cholinergic Urticaria	452
Solar Urticaria	452
Angioedema	453
103 Polymorphic Eruption of Pregnancy	455

Chapter XVI Vascular and Lymphatic Disorders

104 Telangiectasias	459
Spider Angioma	459
Generalized Essential Telangiectasia	459
Unilateral Nevoid Telangiectasia	459
Livedo Reticularis	460

105 Hemangioma	463
Superficial Hemangioma.	463
Mixed Hemangioma	464
Deep Hemangioma	465
106 Vascular Malformations	467
Capillary Malformation	467
Port Wine Stain	467
Cutis Marmorata Telangiectatica Congenita.	467
Klippel Trenaunay Syndrome	469
Hereditary Hemorrhagic Telangiectasia (Osler Weber Rendu)	469
Venous Malformations	470
Blue Rubber Bleb Nevus Syndrome	470
Arteriovenous Malformation.	471
107 Lymphatic Malformations	473
Lymphangioma Circumscriptum	473
Cystic Hygroma	474
 Chapter XVII Pigmentary Disorders	
108 Vitiligo	477
Vitiligo and Halo Nevi	478
Unilateral Segmental Vitiligo	479
109 Postinflammatory Hyperpigmentation	481
 Chapter XVIII Neutrophilic Dermatoses	
110 Pyoderma Gangrenosum	485
Atypical Pyoderma Gangrenosum	487
Superficial Granulomatous (Vegetative) Pyoderma Gangrenosum.	487
Pyostomatitis Vegetans	487
111 Acute Febrile Neutrophilic Dermatitis (Sweet's Syndrome)	489
112 Erosive Pustular Dermatitis	491
 Chapter XIX Disorders of Langerhans Cells, Macrophages, and Mast Cells	
113 Langerhans Cell Histiocytosis	495
Letterer-Siwe Disease	495
Multicentric Reticulohistiocytosis	496
114 Xanthogranulomas	497
Juvenile Xanthogranuloma	497
Necrobiotic Xanthogranuloma	498
115 Xanthomas	499
Xanthelasma	499
Eruptive Xanthoma	499
Tuberous Xanthoma	500
Verruciform Xanthoma	500
Tendinous Xanthoma	500

116 Sarcoidosis	501
Erythema Nodosum	501
Lupus Pernio	502
117 Granuloma Annulare	503
Localized Granuloma Annulare	503
Papular Granuloma Annulare	504
Subcutaneous Granuloma Annulare	504
Generalized Granuloma Annulare	504
118 Necrobiosis Lipoidica Diabeticorum	507
119 Foreign Body Granuloma	509
120 Mastocytosis	511
Urticaria Pigmentosa	511
Solitary Mastocytoma	512
 Chapter XX Dermal Connective Tissue Disorders	
121 Keloids	515
122 Hypertrophic Scar	517
123 Perforating Dermatoses	519
Acquired Perforating Dermatitis (Kyrle's Disease)	519
Elastosis Perforans Serpiginosa	520
 Chapter XXI Panniculitis	
124 Erythema Nodosum	523
125 Lipodermatosclerosis	525
Lipodermatosclerosis (Acute Phase)	525
Lipodermatosclerosis (Chronic Phase)	526
Index	527

Chapter I

Papulosquamous and Eczematous Dermatoses

a. Chronic Plaque Psoriasis

Chronic plaque psoriasis

- A. Most common variant
- B. Chronic course, but remissions can occur
- C. Symmetric distribution of sharply demarcated red plaques with thick silvery scale
- D. Auspitz sign: pinpoint bleeding after scale removal
- E. Most common on the scalp, extensor surfaces (elbows, knees), sacrum, umbilicus, hands, feet, genitalia (usually involves the glans penis in men)
- F. Nail changes (also see Chap. 11, section 64I)
 - 1. Thickening and yellow discoloration of nail plate
 - 2. Distal onycholysis
 - 3. Pitting
 - 4. Red, spotted lunula
 - 5. Subungual hyperkeratosis
 - 6. Oil spots (pink-yellow)
- G. Arthritis (sausage digits)



© Current Medicine

Chronic plaque psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

Chronic plaque psoriasis

- A. Sharply demarcated red plaque with thick silvery scale

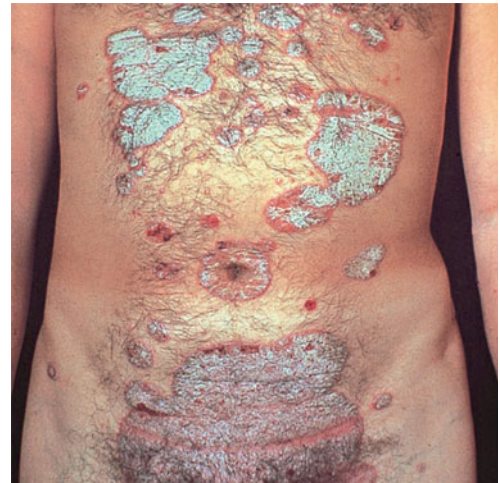


© Current Medicine

Chronic plaque psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

Chronic plaque psoriasis

- A. Sharply demarcated, erythematous plaques with silvery-white, micaceous scales on lower chest, abdomen, and pubic area



Chronic plaque psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

b. Erythrodermic Psoriasis

Erythrodermic psoriasis

- A. Severe form of psoriasis characterized by generalized erythema and scaling
- B. Often associated with systemic illness including fever, hypotension, insensible fluid losses, and hypoalbuminemia
- C. Can be spontaneous but usually is associated with a trigger factor such as abrupt discontinuation of corticosteroids or medications known to flare psoriasis such as lithium or beta-blockers, and infection



Erythrodermic psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

Erythrodermic psoriasis

- A. Generalized erythema, scaling, and occasionally pustules



Erythrodermic psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

c. Generalized Pustular Psoriasis

Generalized pustular psoriasis

- A. Large areas of erythema with numerous sterile pustules forming lakes of pus
- B. Triggering factors include pregnancy, rapid tapering of steroids, hypocalcemia, infections
- C. Four patterns of pustular psoriasis
 1. Von Zumbusch
 - a. Generalized onset of erythema and pustules which resolves in several days with extensive scale
 - b. Skin is painful
 - c. Patients are ill with fever and chills
 2. Annular
 - a. Annular inflammatory plaques with erythema and scale and pustules at the advancing edge
 - b. Lesions expand centrifugally and heal with central clearing with scale
 3. Exanthematic
 - a. Acute eruption of small pustules which disappear over a few days (looks like acute generalized exanthematous pustulosis)
 4. Localized
 - a. Pustules appear within or at the edge of existing psoriatic plaque
 - b. Can be seen after the application of irritants like tars



Generalized pustular psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

d. Palmoplantar Psoriasis

Palmoplantar psoriasis

- A. Non-pustular variant
 1. Well-demarcated hyperkeratotic plaques with scaling and fissuring
 2. Can be difficult to differentiate from other diseases such as hand eczema and contact dermatitis



Palmoplantar psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

Palmoplantar psoriasis

- A. Pustular variant
 1. Sterile pustules of the palmoplantar surfaces mixed with yellow-brown macules and scaly plaques
 2. Chronic course
 3. Associated with sterile inflammatory bone lesions



Palmoplantar psoriasis
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

e. Guttate Psoriasis

Guttate psoriasis

- A. Most common in children and adolescents
- B. Frequently preceded by triggers including streptococcal pharyngitis, viral infections, medications, major stressors, or abrupt withdrawal of treatments (particularly corticosteroids or cyclosporine)
- C. Numerous widely disseminated, bright red, discrete “drop shaped” small scaly papules and plaques
- D. Most common on the trunk



Guttate psoriasis

Photograph courtesy of SpringerImages Database, Springer Publishing Company

a. Lichen Planus

Lichen planus

- A. Flat-topped, polygonal, violaceous, pruritic papules and plaques
- B. Surface of papules are shiny and transparent with a network of fine lacy white lines called Wickham's striae
- C. Favors flexor wrists and forearms, genitals, distal anterior lower extremities (ankles), presacral area
- D. May koebnerize and form linear lesions



Lichen Planus
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

b. Hypertrophic Lichen Planus

Hypertrophic lichen planus

- A. Extremely pruritic, thick plaques covered with fine adherent scale on the shins and dorsal feet, usually symmetrical



Hypertrophic lichen planus
Photograph courtesy of SpringerImages Database,
Springer Publishing Company

sample content of Absolute Dermatology Review: Mastering Clinical Conditions on the Dermatology Recertification Exam

- [The Art of Unit Testing: With Examples in .Net pdf, azw \(kindle\), epub, doc, mobi](#)
- **[download The Prisoner of the Riviera \(Francis Bacon, Book 2\)](#)**
- [click A Tangled Web \(Star Wars: Last of the Jedi, Book 5\)](#)
- [read Languages: A Very Short Introduction \(Very Short Introductions\) for free](#)

- <http://pittiger.com/lib/The-Art-of-Unit-Testing--With-Examples-in--Net.pdf>
- <http://transtrade.cz/?ebooks/The-Prisoner-of-the-Riviera--Francis-Bacon--Book-2-.pdf>
- <http://schroff.de/books/A-Tangled-Web--Star-Wars--Last-of-the-Jedi--Book-5-.pdf>
- <http://betsy.wesleychapelcomputerrepair.com/library/Languages--A-Very-Short-Introduction--Very-Short-Introductions-.pdf>