Contents

Preface *v*
Acknowledgements *xii*

Chapter 1 First principles
1.1 Functions of the skin 1
1.2 The biology of normal skin 2
1.3 Dermatological terminology 12

Chapter 2 Clinical essentials
2.1 Dermatological history taking 17
2.2 Common dermatological symptoms 21
2.3 Dermatological physical examination 22
2.4 Dermatological investigations 32

Chapter 3 Dermatology nursing and therapeutics
3.1 Topical therapies 43
3.2 Topical agents 46
3.3 Occlusive dressings 52
3.4 Topical agents for wound care 53
3.5 Chronic wounds 56
3.6 Systemic agents in dermatology 59
3.7 Patient education and health promotion 62

Chapter 4 Diagnostic pathways 63
4.1 Dermatitis 64
4.2 Discrete erythematous scaly rash 65
4.3 Drug rash 66
4.4 Purpura 68
4.5 Blisters 69
4.6 Pustules 70
4.7 Ulcers 72

Chapter 5 Skin tumours
5.1 Clinical scenario 74
5.2 Benign tumours 76
5.3 Categories of skin cancer 82
5.4 Non-melanoma skin cancer 84
5.5 Malignant melanoma 89
5.6 Rare skin cancers 91

Chapter 6 Photodermatology
6.1 Clinical scenario 94
6.2 Immunologically mediated photodermatoses 97
6.3 Photosensitivity: exogenous agents 98
6.4 Cutaneous porphyrias and pseudoporphyria 99
6.5 Photoexacerbated dermatoses 100
6.6 Phototherapy 100

Chapter 7 Allergy
7.1 Clinical scenario 104
7.2 Allergic contact dermatitis 105
7.3 Prick testing 107
7.4 Patch testing 108
7.5 Atopy 111
7.6 Food allergy, aeroallergens and eczema 111

Chapter 8 Drug reactions
8.1 Clinical scenario 113
8.2 Drug-induced exanthems 117
8.3 Urticaria 119
8.4 Severe cutaneous adverse reactions 120
8.5 Fixed drug eruption 122
8.6 Erythema multiforme 122

Chapter 9 Inflammatory dermatology
9.1 Clinical scenario 123
9.2 Eczema 125
9.3 Papulosquamous skin disease 134

9.4 Clinical scenario 139
9.5 Bullous diseases 140
9.6 Clinical scenario 145
9.7 Adnexal skin disease 147

Chapter 10 Drug reactions
10.1 Clinical scenario 153
10.2 Bacterial infections 154
10.3 Viral infections 164
10.4 Fungal infections 167
10.5 Mycobacterial infections 172
10.6 Infestations 174

Chapter 11 Systemic diseases
11.1 Clinical scenario 177
11.2 Cutaneous vasculitis 178
11.3 Panniculitis 181
11.4 Pyoderma gangrenosum 184
11.5 Calciphylaxis 186
11.6 Rheumatic disease 187
11.7 Haematological and oncological disease 200
11.8 Endocrine disease 206
11.9 Gastrointestinal disease 210
11.10 Pulmonary disease 212
11.11 Nutritional disorders 214

Chapter 12 Genital dermatoses
12.1 Clinical scenario 216
1.2 Eczema ('dermatitis') 217
12.3 Psoriasis 218
12.4 Lichen sclerosus 219
12.5 Lichen planus 220
12.6 Zoon's balanitis 221
12.7 Vulvodynia 222
12.8 Infections 222
12.9 Benign lesions 224
12.10 Malignant lesions 225

Chapter 13 Hair and nails
13.1 Clinical scenario 227
13.2 Non-scarring alopecia 229
13.3 Scarring alopecia 232
13.4 Hirsutism 235
13.5 Nail disease 235

Chapter 14 Paediatric dermatology
14.1 Clinical scenario 239
14.2 Neonatal disease 240
14.3 Infant dermatosis 242
14.4 Infections 244
14.5 Kawasaki's disease 247
14.6 Infantile haemangiomas 248
14.7 Genodermatoses 249

Chapter 15 Pregnancy-related dermatoses
15.1 Clinical scenario 252
15.2 Atopic eruption of pregnancy 253
15.3 Polymorphic eruption of pregnancy 254
15.4 Pemphigoid gestationis 255
15.5 Intrahepatic cholestasis of pregnancy 255

Chapter 16 Psychodermatology
16.1 Clinical scenario 257
16.2 Primary psychiatric disorders 259
16.3 Secondary psychiatric and psychophysiological disorders 263

Chapter 17 Dermatological emergencies
17.1 Clinical scenario 265
17.2 Erythroderma 266
17.3 Angio-oedema 269
17.4 Blistering eruptions 270
17.5 Purpura fulminans 271

17.6 Staphylococcal scalded skin syndrome 273
17.7 Eczema herpeticum 274
17.8 Stevens–Johnson syndrome and toxic epidermal necrolysis 275
17.9 Necrotising fasciitis 278

Chapter 18 Dermatological surgery
18.1 Basic concepts in skin surgery 279
18.2 Anatomy of the soft tissues of the face 280
18.3 Anaesthesia 283
18.4 Patient evaluation: informed consent and preoperative assessment 287
18.5 Suturing 289
18.6 Postoperative care and dressings 292
18.7 Surgical procedures 293
18.8 Skin cancer surgical procedures 297
18.9 Reconstruction 298
18.10 Laser surgery 303
18.11 Cosmetic dermatology 305

Index *309*