# **Contents**

## Basic principles 1

Microanatomy of the skin 2 Derivatives of the skin 4 Physiology of the skin 6 Biochemistry of the skin 8 Immunology of the skin 10 Molecular genetics and the skin 12
Terminology of skin lesions 14
Taking a history 16
Examining the skin 18
Practical clinic procedures 20

Basics of medical therapy **22**Epidemiology of skin disease **24**Body image, the psyche and the skin **26** 

#### Diseases 27

### **Eruptions 28**

Psoriasis – epidemiology, pathophysiology and presentation 28 Psoriasis – management and complications 30 Psoriasis – biologics 32 Eczema – basic principles/contact dermatitis **34** 

Eczema – atopic eczema **36** Eczema – other forms **38** Lichenoid eruptions **40**  Papulosquamous eruptions 42

Erythroderma 44
Photodermatology 46

#### Infections 48

Bacterial infection – staphylococcal and streptococcal **48** Other bacterial infections **50** Viral infections – warts and other viral infections **52**  Viral infections – herpes simplex and herpes zoster **54** Human immunodeficiency virus disease and immunodeficiency syndromes **56**  Fungal infections **58**Tropical infections and infestations **60**Infestations **62** 

#### Disorders of specific skin structures 64

Sebaceous and sweat glands – acne, rosacea and other disorders **64**Disorders of hair **66** 

Disorders of nails **68** Vascular and lymphatic diseases **70**  Leg ulcers **72** Pigmentation **74** 

#### Allergy and autoimmunity 76

Urticaria and angioedema **76**Blistering disorders **78** 

Connective tissue diseases 80

Vasculitis and the reactive erythemas 82

#### Internal medicine 84

Skin changes in internal conditions 84

Drug eruptions 86

Associations with malignancy 88

## Inherited disorders 90

Keratinization and blistering syndromes 90

Neurocutaneous disorders and other syndromes 92

#### Skin tumours 94

Benign tumours 94 Naevi 96

Skin cancer – basal cell carcinoma 98

Skin cancer – squamous cell

carcinoma 100

Skin cancer - malignant melanoma 102

Cutaneous T cell lymphomas and malignant dermal tumours **104** 

## Special topics in dermatology 105

Ultraviolet radiation and the skin 106
Cosmetics 108
Basic dermatological surgery 110
Advanced dermatological surgery 112
New trends in dermatological
treatment 114

Paediatric dermatology 116
The skin in old age 118
Genitourinary medicine 120
Racially pigmented skin 122
Occupation and the skin 124
Immunological tests 126

Dermatology and the internet 128 Bibliography 130 Self-help groups 132