Contents

1. Anatomy of Lymphatic System 1

Lymphatics of Lower Limb 1
Lymphatics of Upper Limb 3
Lymphatics of Abdomen and Pelvis 4
Lymphatics of Thorax and Thoracic Duct 5
Thoracic Duct 8
Lymphatics of Head and Neck 9
Circulation of Lymph 11

2. Physiology of Tissue Circulation 13

3. Pathology of Filariasis 16

Parasitology 17
Morphology 17
Pathogenesis of Filariasis 21
Pani's Gradation of Edema 27
Grades of Edema 27
Immunology in Filariasis 28
Immunopathogenesis 29
Immunodiagnosis of Filariasis 30

4. Classification of Filariasis in Clinical Practice 31

5. Acute Presentations of Filariasis 32

Acute Filarial Fever 32
Lymphadenitis and Lymphangitis 36
Acute Orchitis, Acute Epididymitis and Acute Funiculitis 40
Acute Mastitis 46
Acute Retroperitoneal Lymphangitis 50
Acute Arthritis, Acute Synovitis, Acute Myositis and Acute Tendinitis 53

6. Chronic Presentations **58**

Lymphangiectasis (Synonym-Lymph-Varix) 58
Chyluria 60
Chylothorax 63
Elephantiasis of Limbs 67
Elephantiasis of Scrotum and Penis 72
Elephantiasis of Vulva 75

7. Silent Presentations **76**

Hydrocele of Tunica Vaginalis Testis 76
Tropical Eosinophilia 86

8. Antifilarial Drugs **88**

Diethylcarbamazine 88
Asperzine 93
Benzopyrones 95

9. Complex Physical Therapy **98**

Skin Care 98
Massage 99
Use of Compression Bandage 99
Special Exercise 99

Index *101*