
Contents

Part A: --- Arterial System

Chapter 1:	
Disease Processes Involving Arteries	3
A: Introduction	4
1. Morphology of the Arterial Wall and Types of Vessels . . .	4
Morphology of the Arterial Wall	4
Types of Vessels	6
2. Pathology of Arteriosclerosis	7
3. Mönckeberg's-Syndrome	11
B: Supplementary Figures and Legends	15
Chapter 2:	
Diseases of the Cerebral Arteries	21
A: Introduction	22
Stroke	22
B: Supplementary Figures and Legends	31
Chapter 3:	
Arteries of the Arm	49
A: Introduction	50
1. Neurovascular Shoulder Girdle Compression Syndromes .	50
2. Subclavian Steal Syndrome	53
3. Distal Arteries of the Arm and Hand	54
B: Supplementary Figures and Legends	57

Chapter 4:**Thoracic and Abdominal Aorta 69****A: Introduction 70**

1. Arteriosclerotic Occlusion and Aneurysms 70

A. Arteriosclerotic Occlusion of the Distal Aorta 70

B. Aortic Aneurysm 71

2. Congenital Anomalies of the Aorta 74

A. Aortic Coarctation 75

B. Marfan's-Syndrome 76

3. Inflammatory Disease of the Aorta: Takayasu's Disease . . 77

B: Supplementary Figures and Legends 79**Chapter 5:****Arteries of the Abdominal Organs 111****A: Introduction 112**

1. Chronic Renal Artery Occlusion 112

2. Acute Renal Artery Occlusion 113

3. Visceral Artery Ischemia 114

B: Supplementary Figures and Legends 117**Chapter 6:****Arteries of the Leg 127****A: Introduction 128**

1. Peripheral Arterial Occlusion Disease 128

2. Inguinal Region 137

Vascular Anatomy 137

Arteriosclerosis 137

Emboli 138

Aneurysms 138

A-V Fistulas 138

3. Popliteal Fossa 138

Vascular Anatomy 138

Arteriosclerosis 139

Aneurysms 139

Inflammatory Diseases 139

Emboli 139

Entrapment Syndrome 139

Cystic Degeneration 140

Vascular Syndromes with Tumors of the Popliteal Space . . 140

Vascular Injury 140

B: Supplementary Figures and Legends 141

Chapter 7:**Diabetic Foot Syndrome 181****A: Introduction 182**

Diabetic Foot Syndrome 182

B: Supplementary Figures and Legends 187**Chapter 8:****Buerger's Disease 203****A: Introduction 204**

Buerger's Disease 204

B: Supplementary Figures and Legends 207**Chapter 9:****Functional Circulatory Disorders and Vasculitides 215****A: Introduction 216**

1. Raynaud's Syndrome 216

2. Other Functional Circulatory Disorders 221

A. Digitus Mortuus 221

B. Acrocyanosis 221

C. Erythrocyanosis 222

D. Erythromelalgia (EM) 222

E. Ergotism 223

F. Reflex Sympathetic Dystrophy 224

G. Pernio/Cold Injury 224

H. Cold-Induced Injuries 225

3. Inflammatory Vascular Disease: The Vasculitides 226

A. Polyarteritis Nodosa (PAN) 230

B. Giant Cell Arteritis (GCA) 231

C. Wegener's Granulomatosis (WG) 235

D. Behçet's Disease 236

E. Henoch-Schönlein Purpura (HSP) 237

F. Autoimmune Diseases 238

F-1. Systemic Sclerosis 238

F-2. Systemic Lupus Erythematosus 239

F-3. Rheumatoid Arthritis with Vasculitis 241

B: Supplementary Figures and Legends 243

Part B: _____ Venous System

Chapter 10:

Diseases of Veins 261

A: Introduction 262

1. Anatomy of the Pelvic and Leg Veins 262

2. Physiologic Basis of Venous Stasis 264

3. Epidemiology 266

4. Diseases of Leg Veins 266

4.1 Varicose Veins 266

4.2 Thrombophlebitis 270

4.3 Deep Vein Thrombosis (DVT) 271

4.4 Post-thrombotic Syndrome and Chronic Venous Insufficiency 278

4.5 Phlegmasia Cerulea Dolens 279

5. Axillary and Subclavian Venous Thrombosis 280

B: Supplementary Figures and Legends 281

Part C: _____ Lymphatic System

Chapter 11:

Diseases of the Lymphatics 335

A: Introduction 336

Lymphedema 336

B: Supplementary Figures and Legends 343

Part D: _____
Vascular Malformations

Chapter 12:	
Congenital Malformations of Vessels	351
A: Introduction	352
History	352
Etiology and Pathogenesis	353
Topography	355
Hemodynamics	355
Diagnosis	356
Therapy	357
B: Supplementary Figures and Legends	359

Appendix _____

Anatomic Diagrams	371
Subject Index	389

Color Atlas of Vascular Diseases

Diehm, C.; Allenberg, J.-R.; Nimura-Eckert, K.; Veith, F.J.

2000, XI, 396 p., Hardcover

ISBN: 978-3-540-62619-0